

**REPORT OF
THE FORTY-FIRST MEETING OF THE COUNCIL
OF
THE SOUTHEAST ASIAN FISHERIES DEVELOPMENT CENTER**

**Fukuoka, Japan
7-10 April 2009**



**THE SECRETARIAT
SOUTHEAST ASIAN FISHERIES DEVELOPMENT CENTER**

SEC/RM/103

JUNE 2009

Preparation and distribution of this document

Report of the Forty-First Meeting of the Council of the Southeast Asian Fisheries Development Center was prepared by the Secretariat of the Southeast Asian Fisheries Development Center, in collaboration with its Departments namely, the Training Department (TD), the Marine Fisheries Research Department (MFRD), the Aquaculture Department (AQD), and the Marine Fishery Resources Development and Management Department (MFRDMD). The Document is distributed to SEAFDEC Member Countries and its Departments

BIBLIOGRAPHIC CITATION

SEAFDEC. 2009. Report of the Forty-First Meeting of the Council of the Southeast Asian Fisheries Development Center, Southeast Asian Fisheries Development Center, Bangkok, Thailand. 188 pp.

NOTICE OF COPYRIGHT

This publication may not be reproduced, in whole or in part, by any method or process, without written permission from the copyright holder. Applications for such permission with a statement of the purpose and extent of the reproduction desired should be made through and addressed to:

SEAFDEC Secretariat
Suraswadi Building
Kasetsart University Campus
P.O. Box 1046 Kasetsart Post Office
Bangkok 10903, Thailand.

All rights reserved

©SEAFDEC 2009

CONTENTS

| | Paragraph No. |
|--|----------------------|
| I. INTRODUCTION | 1-2 |
| 1.1 Inauguration Ceremony | 3-9 |
| 1.2 Election of the Chairman | 10 |
| 1.3 Adoption of the Agenda | 11 |
| II. REPORT OF THE SECRETARY-GENERAL | 12-14 |
| III. NOTE OF CHAIRMAN OF THE SEAFDEC PROGRAM COMMITTEE ON THE RESULT OF THE THIRTY-FIRST MEETING | 15-22 |
| IV. NOTE OF CHAIRMAN OF THE REGIONAL ADVISORY COMMITTEE FOR FISHERIES MANAGEMENT IN SOUTHEAST ASIA (RAC) ON THE RESULT OF THE FIRST MEETING | 23-24 |
| V. NOTE OF CHAIRMAN OF THE FISHERIES CONSULTATIVE GROUP (FCG) OF THE ASEAN-SEAFDEC STRATEGIC PARTNERSHIP (ASSP) ON THE RESULT OF THE ELEVENTH MEETING | 25-27 |
| VI. POLICY CONSIDERATION ON IMPORTANT ISSUES | |
| 6.1 Promotional and Following up Program on the Implementation of the Code of Conduct for Responsible Fisheries in Southeast Asia | 28-31 |
| 6.2 International Fisheries Related Issues | 32-50 |
| 6.3 Proposal on the ASEAN-SEAFDEC Conference on Sustainable Fisheries Development Towards 2020 | 51-54 |
| 6.4 Involvement of SEAFDEC in the Proposed GEF Project Entitled: “Establishment and Operation of a Regional System of Fisheries Refugia in the South China Sea and Gulf of Thailand” | 55-56 |
| VII. COOPERATION WITH INTERNATIONAL/ REGIONAL ORGANIZATIONS AND NON-MEMBER GOVERNMENTS | 57-59 |
| VIII. OTHER MATTERS | |
| 8.1 Advisory Input from SEAFDEC Japanese Technical Support Group Committee | 60-62 |
| 8.2 SEAFDEC-Sida Project on Climate Change and Adaptation in Southeast Asia With Special Focus on Andaman Sea | 63 |

| | | |
|-------|---|-------|
| IX. | SEAFDEC FUTURE OPERATION | |
| | 9.1 Improvement of SEAFDEC Information Tools and Enhancing Visibility of Communication | 64 |
| | 9.2 SEAFDEC Program Framework | 65-67 |
| | 9.3 Operation of Training and Research Vessels | 68-70 |
| X. | MANAGEMENT OF THE CENTER | |
| | 10.1 Collaboration Arrangement between SEAFDEC and Other Organizations | 71 |
| | 10.2 Intellectual Property Rights (IPR) | 72-73 |
| XI. | FINANCIAL MATTERS | |
| | 11.1 Adoption of Auditor's Financial Report for 2007 | 74 |
| | 11.2 Unaudited Financial Report for the Year 2008 and Status of Financial Situation of the Year 2009 | 75-77 |
| | 11.3 Proposed Budgetary Requirement for 2010 | 78 |
| | 11.4 Other Financial Matters | 79-80 |
| XII. | CONCLUDING MATTERS | |
| | 12.1 Adoption of the Report | 81 |
| | 12.2 Date and Venue of the Forty-Second Meeting of the Council | 82-83 |
| | 12.3 Vote of Thanks to the Host Government | 84 |
| XIII. | CLOSING OF THE MEETING | 85 |

ANNEXES

| Annex | Page |
|--|-------------|
| 1. List of Participants | 17 |
| 2. Welcome Remarks by Prof. Dr. Martani Huseini SEAFDEC Council Director for Indonesia, and Outgoing Chairman of SEAFDEC Council of Directors | 27 |
| 3. Opening Remarks by Mr. Jun Yamashita, SEAFDEC Council Director for Japan, and Incoming Chairman of the SEAFDEC Council of Directors | 29 |
| 4. Statement by Mr. Wataru Aso, Governor of Fukuoka Prefecture | 31 |
| 5. Agenda | 33 |
| 6. Note of the Chairman of the SEAFDEC Program Committee on the Result of the Thirty First Meeting | 35 |
| 7. Note of the Chairman of the 1 st Meeting of Regional Advisory Committee on Fisheries Management in Southeast Asia (RAC) | 51 |
| 8. Note of the Chairman of the Fisheries Consultative Group (11 th FCG) of the ASEAN-SEAFDEC Strategic Partnership (ASSP) on the Result of the Eleventh Meeting | 57 |
| 9. Promotional and Following-up Program on the Implementation of the Code of Conduct for Responsible Fisheries in Southeast Asia | 61 |
| 10. Executive Report on International Fisheries Issues (2008-2009) | 65 |
| 11. Concept Proposal for the ASEAN- SEAFDEC Conference on Sustainable Fisheries Development Towards 2020 | 79 |
| 12. Involvement of SEAFDEC in The Proposed GEF Project Entitled: “Establishment and Operation of a Regional System of Fisheries Refugia in the South China Sea and Gulf of Thailand” | 89 |
| 13. Statement by Mr. Suriyan Vichitlekarn, Senior Officer, Natural Resources Unit, ASEAN Secretariat | 93 |
| 14. Statement by Dr. Simon Funge-Smith, Senior Fishery Officer, Food and Agriculture Organization (FAO) of the United Nations (UN) | 95 |
| 15. Cooperation Between Southeast Asia and Japan Toward Sustainable Development and Management of Fisheries: a Variety of Sources and Resources | 99 |

| | | |
|-----|--|-----|
| 16. | Empowerment Of Coastal Community In Southeast Asia Through Technology Transfer Of Community-Based Set Net (Teichi-Ami) For Sustainable Fisheries | 103 |
| 17. | Progress of the Implementation of Information Strategies for Enhancing SEAFDEC Visibility and Communication in the Year 2008 | 111 |
| 18. | SEAFDEC Program Framework | 149 |
| 19. | Operation of SEAFDEC Training and Research Vessel: MV SEAFDEC 2 | 153 |
| 20. | Collaborative Arrangement between SEAFDEC and Other Organizations | 159 |
| 21. | SEAFDEC Intellectual Property Policy | 161 |
| 22. | Southeast Asian Fisheries Development Center Abridged Consolidated Financial Statements, December 31, 2007 and 2006 | 167 |
| 23. | Southeast Asian Fisheries Development Center Unaudited Consolidated Financial Report For The Year 2008 | 173 |
| 24. | Status of Financial Situation for the Year 2009 | 177 |
| 25. | Proposed Budgetary Requirements of the Center for 2010 | 179 |
| 26. | Proposed Changing of Financial Format of the Secretariat | 183 |
| 27. | Press Statement | 185 |
| 28. | Vote of Thanks to the Host Country by Mr. Gil A. Adora, SEAFDEC Alternate Council Director for the Philippines | 187 |

**REPORT OF THE FORTY-FIRST MEETING OF
THE COUNCIL OF THE SOUTHEAST ASIAN FISHERIES DEVELOPMENT
CENTER**

**Fukuoka, Japan
7-10 April 2009**

I. INTRODUCTION

1. At the invitation of the Ministry of Agriculture, Forestry and Fisheries of Japan, the Forty-First Meeting of the Council of the Southeast Asian Fisheries Development Center (SEAFDEC) was held in Fukuoka, Japan from 7 to 10 April 2009.

2. The Meeting was attended by the Council Directors for Brunei Darussalam, Cambodia, Indonesia, Japan, Lao PDR, Malaysia, Myanmar, the Philippines, Singapore, Thailand and Vietnam together with their respective delegations; as well as SEAFDEC Secretary-General, Deputy Secretary-General and senior officials. Other participants include observers from the ASEAN Secretariat and the FAO Regional Office for Asia and the Pacific (FAO/RAP); and the representative of the official auditors of SEAFDEC. The list of participants appears as **Annex 1**.

1.1 Inaugural Ceremony

3. The Inaugural Ceremony of the Forty-First Meeting of SEAFDEC Council was held on 7 April 2009, and was presided over by the Governor of the Fukuoka Prefecture Mr. Wataru Aso and the Mayor of Fukuoka City Mr. Hiroshi Yoshida, as Guests of Honor.

4. The Director General for Fisheries Product Processing and Marketing and SEAFDEC Council Director for Indonesia, Mr. Martani Huseini in his capacity as the outgoing Chairman of the SEAFDEC Council, welcomed the participants to the Meeting. While expressing his appreciation to the Government of Japan for hosting the Meeting and for the continued support extended to SEAFDEC, he emphasized the importance of fisheries and aquaculture in the economic development and the well-being of people in the Southeast Asian region. However, he also reiterated the emerging challenges that arose at the global level and the need for sustainable utilization of aquatic resources in the Southeast Asian region. He congratulated SEAFDEC for the achievements during the year 2008, and expressed his gratitude to SEAFDEC and the Council Directors for the support extended to him during his Chairmanship of the SEAFDEC Council. He then informed the Meeting that the World Ocean Conference would be organized in Manado, Indonesia from 11-15 May 2009 to discuss the global issues of the oceans and extended the invitation from his government for the participants to take part in the Conference. His Statement appears as **Annex 2**.

5. The Deputy Director-General of Fisheries Agency and SEAFDEC Council Director for Japan, Mr. Jun Yamashita welcomed participants to the Meeting. He thanked Indonesia for hosting the 40th Meeting of the SEAFDEC Council in 2008 in Bali, and recalled that it has been 10 years since Japan hosted the Council Meeting. While considering the status and trend of fisheries in the Southeast Asian region, he encouraged SEAFDEC to continue promoting the sustainability of fisheries management by addressing the problems related to

the depleting coastal fishery resources in the Southeast Asian region. He also suggested SEAFDEC to transform the policy directives of the Council into practical actions for sustainable fisheries development, commended SEAFDEC for initiating activities on resource enhancement, and encouraged SEAFDEC to continue intensifying its efforts in stock and natural resources enhancement to address the need for more fish by the future generation.

6. While noting that the achievements of the SEAFDEC activities and the initiatives of the Member Countries have been increasingly recognized in the international arena, he expressed his country's continued support to the activities of SEAFDEC in order to further enhance the activities and visibility of SEAFDEC. After stating his confidence that with the active participation of all Council Directors, the Meeting would be fruitful and useful in attaining sustainable society in rural communities, he then declared the 41st Meeting of the SEAFDEC Council open. His Opening Remarks appears as **Annex 3**.

7. The Prefectural Governor of Fukuoka, Mr. Wataru Aso welcomed the participants to Fukuoka Prefecture, and commended SEAFDEC for playing important role specifically in research and development on the utilization of natural resources as well as in adopting appropriate technologies for the sustainability of fisheries and conservation of the environment. However, he added that the role of SEAFDEC in fisheries development would continue to increase year by year because the consumption of fisheries is also increasing.

8. In this regard, he recommended that fisheries and fishing activities should be boosted with more focus on the emerging concerns as well as issues related to the conservation of the fishery resources. He therefore expressed the hope that the Meeting should discuss future programs that would address the sustainability of fisheries in the Southeast Asian region. He mentioned that Fukuoka Prefecture has about 5 million people who are all fond of eating fish and its famous delicious fish cuisine makes the people appreciate not only the fish but also the fisheries activities. He also encouraged the participants to be entertained with the sights of Fukuoka which literally means happiness in the highlands, and enjoy eating fish to increase their happiness. His Remarks appears as **Annex 4**.

9. The Mayor of Fukuoka City, Mr. Hiroshi Yoshida while expressing appreciation to the organizers of the Meeting for choosing Fukuoka City as the venue of the 41st Meeting of the SEAFDEC Council, extended his heartfelt welcome to all participants. He cited Fukuoka as a vibrant city serving as the window for exchanging culture among the Asian countries which is reflected during the Asian culture celebration every September. He mentioned that Fukuoka City has a landscape that is rich not only in buildings but also in nature as well as farmed products and fresh seafoods. After noting that the future direction of SEAFDEC would be discussed at this Meeting specifically focusing on the sustainable development of fisheries that could provide people with more fresh fish and aquatic products, he expressed the wish for the successful and meaningful meeting of the SEAFDEC Council in the City of Fukuoka.

1.2 Election of the Chairman

10. The Council Director for Japan, Mr. Jun Yamashita, was unanimously elected as the in-coming Chairman of the SEAFDEC Council for the year 2009.

1.3 Adoption of the Agenda

11. The Council adopted the Agenda of the Meeting, which appears as **Annex 5**.

II. REPORT OF THE SECRETARY-GENERAL

12. The Council welcomed Mr. Jun Yamashita as the new Chairman of the SEAFDEC Council, and expressed its appreciation to Mr. Martani Huseini, the Council Director for Indonesia for his Chairmanship and contribution to SEAFDEC during the year 2008.

13. The Council also congratulated Mr. Khin Maung Aye for his appointment as the SEAFDEC Council Director for Myanmar, and Mr. Jun Yamashita as the Council Director for Japan. The Council also took note of the reappointment of Mr. Hideki Tsubata as the Deputy SEAFDEC Secretary-General and concurrently as Deputy Chief of the Training Department, Ms. Tan-Low Lai Kim as the Chief of the Marine Fisheries Research Department; and the appointment of Dr. Teruo Azuma as the Deputy Chief of the Aquaculture Department, and Mr. Tadahiro Kawata as Technical Coordinator for SEAFDEC to be based at the SEAFDEC Secretariat.

14. The Council took note with appreciation of the accomplishments of the SEAFDEC Secretariat and Departments during the year 2008 as presented by the SEAFDEC Secretary-General; and approved the SEAFDEC Annual Report 2008 for publication and dissemination. The Meeting, however, suggested that in the future, the SEAFDEC Annual Report should also include information on the number of nationals from each Member Country participating in the SEAFDEC activities, e.g. meetings, workshops, training courses, etc. during the year.

III. NOTE OF CHAIRMAN OF THE SEAFDEC PROGRAM COMMITTEE ON THE RESULT OF THE THIRTY-FIRST MEETING

15. The Council took note of the outcome of the Thirty-First Meeting of Program Committee (**Annex 6**) held from 3 to 5 November 2008 in Singapore, as presented by the Secretary-General in his capacity as Chairman of the Program Committee. The Council noted the programs implemented in 2008 and approved the proposed programs for 2009 as well as the recommendations made at the Program Committee Meeting for future implementation.

16. The Council highlighted on the importance of activities that contribute to food security and poverty alleviation, particularly in the inland and rural areas of the Member Countries, e.g. aquaculture for remote rural areas, fish meal substitutes for small-scale freshwater aquaculture, etc.; and requested SEAFDEC to continue giving more focus on these priority areas. In addition, the Council was also informed on the Summit of Coral Triangle Initiative on Coral, Fisheries and Food Security to be organized in Manado, Indonesia in May 2009.

17. The Council Directors for Cambodia, Lao PDR and Myanmar expressed their concerns on the freshwater cetacean such as the Irrawaddy dolphin inhabiting in the upper Mekong River as well as the Irrawaddy River, of which the population has been declining, and emphasized the importance and necessity to develop a program to investigate the cause of the decline in stock. In response, the Council was informed that SEAFDEC is planning to organize the Regional Workshop on Information Gathering and Cetacean Research in the Southeast Asian Waters in July 2009 under the program on Cetacean Research in Southeast Asian Waters: Cetacean Sighting Program, and the relevant issues and required activities on cetaceans should be discussed during the Workshop. The Council also suggested that the

aforementioned program should not only focus on sighting cetaceans but should also apply rigorous scientific principles to draw inference on the presence of cetacean species in particular areas and the linkages with abundance of food.

18. In response to the concern of the Council Director for Cambodia about their unsuccessful efforts in culturing seaweeds using seeds from neighboring countries which were not suitable for the coastal areas of Cambodia, the Chief of AQD informed the Meeting that under the program on Seaweed Strain Improvement, AQD is undertaking several studies on plantlet production, tissue culture, sporulation, and the development of environment-tolerant strains of seaweeds. In this regard, AQD also sought the consideration of the Council for the proposed training course on seaweed seed production at AQD in 2009 which aims to transfer the seaweed culture technology to the Member Countries with possible support from the Japanese Trust Fund.

19. The Council also emphasized that SEAFDEC should conduct activities that would ensure the safety and standard of fishery products for human consumption. In particular, the Council requested SEAFDEC to undertake a regional survey on fish parasites in freshwater fishes which are harmful to humans considering that many countries in the region depend on freshwater fishes for the protein requirements of their people. In this regard, AQD would consider incorporating the proposed survey of parasites in freshwater fishes in the existing program on Establishment of Disease Surveillance System of Aquatic Animals. In addition, SEAFDEC was also encouraged to strengthen its networking activities on food safety and consider the possibility of collaborating with the Coral Triangle Initiative specifically with regards to fisheries and food security issues.

20. In connection with the proposed conduct of a regional monitoring of drug residues on fish and fish products, the Council agreed to the suggestion of the Council Director for Singapore that a more rational approach would be to encourage all Member Countries to develop and enhance their respective national residue monitoring programs to ensure the safety of their products for domestic consumption and export, instead of SEAFDEC undertaking such activity. The information collected under the program on Chemical and Drug Residues in Fish and Fish Products in Southeast Asia could provide the basis for the related future activities of the Member Countries.

21. On the program on Environmental Related Tasks in Southeast Asia, the Council suggested that the activities should also consider human environment as well as the natural resources and thus, the activities should focus not only on the impact to fisheries activities but also on the impact of fisheries to the environment, and that the program could be renamed to better reflect the nature of its activities. Specifically, SEAFDEC was also asked to consider conducting activities that are relevant to inland fisheries, e.g. environmental impacts from development programs/activities in the upstream areas to the downstream waters; and to the coastal/marine fisheries, e.g. impact from climate change to the coastal and marine ecosystems.

22. The Council, while reaffirming the important role of SEAFDEC in undertaking activities to develop technologies geared towards sustainable fisheries development of the region, supported SEAFDEC in its efforts to continue implementing activities that would address the emerging concerns and issues in fisheries. These include mitigating the impact of the economic downturn in countries in the region specifically on small-scale fisheries in relation to their requirements for cheap fish feeds, addressing other international fisheries related issues that have implications to fisheries activities of the region as well as the

adopting measures to comply with requirements imposed by importing countries to ensure food safety and sustainable fisheries in the Southeast Asian region.

IV. NOTE OF CHAIRMAN OF THE REGIONAL ADVISORY COMMITTEE FOR FISHERIES MANAGEMENT IN SOUTHEAST ASIA (RAC) ON THE RESULT OF THE FIRST MEETING

23. The Council was informed of the outcomes from the First Meeting of the Regional Advisory Committee for Fisheries Management in Southeast Asia (RAC) (**Annex 7**) held from 22 to 24 September 2008 as presented by Mr. Pirochana Saikliang of the Department of Fisheries of Thailand, in his capacity as the Chairman of RAC. During the 1st RAC Meeting, recommendations were made on important fisheries management issues that are relevant to the Southeast Asian region, i.e. the Regional Plan of Action (RPOA) to Promote Responsible Fishing Practices including Combating Illegal, Unreported and Unregulated (IUU) Fishing; Fisheries Licensing; Offshore Fisheries; Statistics and Information to Support Fisheries Management; Aquaculture Feeds and Utilization of Fishery Resources; Utilization of the M.V. SEAFDEC 2 for Sub-regional Fisheries Survey; and Coastal Fisheries Management. In addition the Council also took note of the Working Mechanism for the RAC in relation to the SEAFDEC Annual Working Cycle.

24. Considering that there appears to be a close linkage between the functions of the SEAFDEC Program Committee and those of RAC and their scopes of coverage, the Council suggested that the SEAFDEC Secretariat should consider streamlining the working mechanisms of the two Committees as well as the Committees' meetings to facilitate the discussion of common issues in order to save on resources.

V. NOTE OF CHAIRMAN OF THE FISHERIES CONSULTATIVE GROUP (FCG) OF THE ASEAN-SEAFDEC STRATEGIC PARTNERSHIP (ASSP) ON THE RESULT OF THE ELEVENTH MEETING

25. The Council took note of the results and endorsed the recommendations of the Eleventh Meeting of the Fisheries Consultative Group (FCG) of the ASEAN-SEAFDEC Strategic Partnership (ASSP) (**Annex 8**), which was held from 6 to 7 November 2008 in Singapore as presented by Dr. Somying Piumsombun of the Department of Fisheries of Thailand, in her capacity as the ASEAN Co-Chairman of the FCG-ASSP.

26. The Council was informed of the poaching of sea turtle in the Southeast Asian waters which undermine the efforts of SEAFDEC and the Member Countries in the conservation of sea turtles. In this regard, the representative from the ASEAN Secretariat informed the Council that poaching of sea turtles has been discussed within the ASEAN specifically with the ASEAN Wildlife Enforcement Network under the issue of Illegal Wildlife Crime. He assured the Council that the detailed information and the outcomes from the future discussions relevant to this matter would be shared with SEAFDEC, and proposed to discuss the possible collaborative activities between ASEAN and SEAFDEC on this issue in the future. The Council while supporting that the issue on poaching of sea turtles should be addressed under the appropriate authority of the ASEAN, encouraged SEAFDEC to continue implementing activities that would support the conservation of sea turtles in the region.

27. After the discussion, the Council endorsed the proposed ASSP portal website developed by the Secretariat in response to the request made by the ASEAN Sectoral Working Group on Fisheries (ASWGFi) as well as the proposed domain name (www.asspfisheries.net), which will be presented to the 17th ASWGFi Meeting in June 2009 for consideration. The Council was further informed that the portal website would be administered by SEAFDEC providing links to the websites of ASEAN and SEAFDEC thus facilitating the access to information on the activities implemented under the FCG-ASSP mechanism and enhancing closer collaboration between the ASEAN and SEAFDEC.

VI. POLICY CONSIDERATION ON IMPORTANT ISSUES

6.1 Promotional and Following up Program on the Implementation of the Code of Conduct for Responsible Fisheries in Southeast Asia

28. The Council acknowledged the activities undertaken by SEAFDEC in supporting the Member Countries in the implementation of the Code of Conduct for Responsible Fisheries (CCRF), particularly under the program on “Support to the Implementation of the Code of Conduct for Responsible Fisheries”. The Council also endorsed the recommendations made by the 31st SEAFDEC Program Committee and the 11th Meeting of the FCG-ASSP on the activities undertaken under the areas of: 1) Establishment of Regional Fisheries Management Mechanism; 2) Sub-regional Cooperation on Fisheries and Habitat Management; 3) Habitat and Fisheries Management; 4) Incentive for Sustainable Fishing/Eco-labels; Study on Size and Structure of Large-scale Fisheries and Monitor and Record of Coastal Fisheries, which appears as **Annex 9**.

29. The Council Director for Japan acknowledged the efforts made by the ASEAN Member Countries in the implementation of activities in line with the CCRF, and once again congratulated SEAFDEC for having been awarded the FAO Margarita Lizárraga Award Medal for the Biennium 2006-2007 for its prominent role in promoting responsible fisheries in Southeast Asia.

30. In enhancing the momentum in the implementation of CCRF in the region, the Member Countries expressed their willingness to actively take part in the program as proposed by SEAFDEC. In addition, the Council Director for Thailand suggested that SEAFDEC should consider collaborating with FAO/International Labor Organization (ILO) and International Maritime Organization (IMO); and incorporate activities on safety standard for small-scale fishing vessels and the accessibility to weather information by small-scale fishers into the relevant SEAFDEC programs. Moreover, Thailand also supported the continuation of the work on eco-labelling, MCS practices as well as the fishing vessel registration system in the region.

31. The Council Director for Thailand also informed the Council on the progress in the establishment of the ASEAN Fisheries Consultative Forum (AFCF), originally proposed as the ASEAN Regional Fisheries Management Mechanism (ARFMM), that the AFCF was approved by the Prep-SOM 30th AMAF Meeting in October 2008, and the Preparatory Meeting of AFCF is planned to be organized from 26-27 May 2009 in Thailand with funding support from collaborative project between SEAFDEC and the Swedish International Development Cooperation Agency (Sida). The Preparatory Meeting would discuss activities and work plan of the AFCF as well as the issues relevant to fisheries management of the region. Thailand therefore encouraged all Member Counties to actively participate and

provide inputs to such Meeting. In addition, number of possible areas of work should also be integrated between AFCF and RPOA to ensure sustainable fisheries in the region.

6.2 International Fisheries Related Issues

32. The Council was informed on the updated information and regional position on the important international fisheries related issues which have been identified by the 11th Meeting of the FCG-ASSP and subsequently discussed at the Regional Technical Consultation on the International Fisheries Related Issues (10-12 February 2009, Bangkok, Thailand) as summarized in the Draft Executive Report on International Fisheries Related Issues (2008-2009) which appears as **Annex 10**. The priority issues included: 1) EC Regulation to Prevent, Deter, and Eliminate Illegal, Unreported and Unregulated Fishing (IUU Fishing): Catch Certification Scheme; 2) FAO Legally-binding Instruments on Port State Measures for Combating Illegal, Unreported and Unregulated (IUU) Fishing; 3) Aquaculture Certification; 4) Small-scale Fisheries; 5) Adaptive Measures to Mitigate the Impacts of Climate Change to Fisheries and Aquaculture; 6) Fisheries Subsidies; 7) the UNGA Resolution Relevant to High Sea Bottom Fisheries; and 8) Economic Approach on Sustainable Development of Fisheries.

33. The Council commented that although SEAFDEC has been requested to provide support to the Member Countries in addressing the international fisheries related issues, the issue on Fisheries Subsidies should be taken up mainly by the individual Member Countries at the WTO with SEAFDEC providing platform for the sharing of information and support to the efforts of the Member Countries.

34. In order to assist ASEAN Member Countries in coping with international fisheries related issues, such as the new EC Regulation on IUU Fishing, and also the FAO Legally-binding Instruments on Port State Measures, the Council requested the SEAFDEC Secretariat to facilitate the exchange of relevant information among the Member Countries, and collaborate with relevant organizations, e.g. EU and FAO to provide capacity building on compliance and trade related issues.

• EC Regulation to Prevent, Deter, and Eliminate Illegal, Unreported and Unregulated Fishing (IUU Fishing): Catch Certification Scheme

35. The Council took note that EC has adopted the Regulation Establishing the Community System to Prevent, Deter and Eliminate Illegal, Unreported and Unregulated Fishing which will enter into effect from 1 January 2010. The Member Countries were therefore encouraged to make adjustments to their existing national mechanisms/schemes for the fish species/products to be exported to EC to be able to comply with the Regulation.

36. The Council supported the following considerations of Thailand with regards to the EC Regulation:

- The main elements of the EC Regulation and schemes involving inspection and verification of legally caught fish through catch certification including validation of fisheries products traded with EC countries would cause trouble and create burden to the fisheries sector as well as in trading fish and fishery products to EU, if the EU requirements could not be met.
- In implementing the EC Regulation, there are challenges and difficulties in modifying national legal frameworks, mechanisms/schemes and building capacity of relevant agencies as well as private sector to be able to comply with the EC Regulation and requirements. Implementation of the Regulation should

therefore be made flexible, and shall recognize the capability and ability of developing countries to meet the requirements.

- The Implementation Rule of the Regulation should take into consideration the special characteristics of tropical fisheries of the region. To be practical and to work across the board in terms of fishing operations and fishery products, the catch certification scheme shall entail sensible and reasonable requirements.
- Implementation of EC Regulation should be in phases starting with large-scale fishing vessels operating in the high sea.

37. The draft coordinated position would be used as basis for discussion with EC during the EC and Asia Regional Seminar to be organized in Vietnam in May 2009. Thailand also encouraged all Member Countries to actively participate in the Seminar.

38. In this connection, Thailand was requested to officially re-circulate the draft Coordinated Position to the Member Countries for consideration and comment; and on behalf of the SEAFDEC Member Countries, submit the draft coordinated position to the 17th ASWGF Meeting in June 2009 for consideration, endorsement and action.

• **FAO Legally-binding Instruments on Port State Measures for Combating Illegal, Unreported and Unregulated (IUU) Fishing**

39. The Council shared the following views on the FAO Legally-binding Instruments on Port State Measures for Combating Illegal, Unreported and Unregulated (IUU) Fishing:

- Port State measures have already been put in place in many countries. However, it should be used to supplement other measures, i.e. those of flag States and coastal States, to combat IUU fishing.
- Port State measure is subject to the national sovereignty and any measures set for the draft instrument should be appropriately outlined and practical to be suitable to the different geographical ranges and fisheries nature. In this connection, the legally-binding Instrument on Port State Measures should take into account of their practicality and appropriateness.
- Special treatment needs to be developed for the developing countries. Furthermore, necessary capacity building also needs to be provided for strengthening the effective implementation of port State measure.
- Port State measures should focus firstly on fishing activities in the high seas
- Common understanding on IUU fishing activities of the region, particularly the unregulated and unreported fishing needs to be established

40. The Council Director for Singapore, also provided an observation that the implementation of the measures, particularly in investigation and taking action against the vessels that are suspected to be engaged in IUU Fishing, need to be carefully done. Coastal States, Flag States or RFMOs should provide adequate evidence of IUU to allow Port State to take action against any suspected fishing vessel where appropriate; otherwise, legal battle may arise between Port State and the affected vessel.

41. The Council took note of the second resumed session of the Technical Consultation on Port State Measures which would be organized by FAO from 4 to 8 May 2009 to finalize the Legally-binding on Port State Measures. The Member Countries were encouraged to participate and provide inputs to the Consultation in order to ensure the applicability of the measures to the region.

- **Aquaculture Certification**

42. The representative from FAO informed the Council on the progress in the development of Aquaculture Certification. He also informed the Council that after six regional workshops organized in different regions including Southeast Asia, the draft Technical Guidelines on Aquaculture Certification was developed. However, during the last Session of FAO/COFI Sub-committee on Aquaculture in 2008, the draft Technical Guidelines were not endorsed due to some inconclusive issues such as GMOs in aquaculture, social impacts from aquaculture, etc., and thus, FAO was requested to organize a Technical Expert Consultation to further discuss the Guidelines.

43. The Council also noted that the Technical Guidelines on Aquaculture Certification is voluntary in nature, and that the main objective of the Guidelines is to provide the framework on how the aquaculture certification scheme would operate, enhance the visibility in evaluating the certification scheme (both by government and private sectors) and prevent inappropriate certification. It is also envisioned that the Guidelines would also help prevent any possible unfair scheme/treatment to the export of aquaculture products.

44. The Council Director for Thailand also informed the Council that during the 28th FAO/COFI Meeting, Thailand supported the proposal for FAO to organize the Technical Consultation in order to discuss and finalize the draft Technical Guidelines. In this regard, Thailand encouraged all Member Countries to obtain the latest version of the Draft Technical Guidelines from the FAO website, and actively participate and provide views/inputs during in the Technical Consultation, tentatively planned before the end of 2009, in order that the adoption of the Guidelines would be facilitated and hastened.

- **Small-scale Fisheries**

45. The Council Director for Thailand informed the Council on the request of Thailand during the 28th FAO/COFI Meeting for FAO to establish a “Global Program on Small-Scale Fisheries”. The Council was also informed that as SEAFDEC is elected as the Vice Chair of the Regional Fisheries Secretariat Network (RSN), SEAFDEC would make use of the RSN forum to communicate with other international/regional fisheries organization to raise the profile and discuss the issues relevant to of small-scale fisheries. In addition, the Council was also informed that FAO agreed in principle to include marine and freshwater small-scale fisheries in the FAO pipeline programs, where significant issues could be included such as: 1) co-management including participatory resource management, 2) sustainable livelihoods and poverty alleviation; 3) strengthening of community organization to enhance their participation in fisheries management and access to enabling environment, 4) international market access for small-scale fisheries products through improved post-harvest and handling, and 5) capacity building and networking among small-scale fisher groups. In this regard, SEAFDEC was also requested to incorporate these issues into its existing program framework.

46. While recognizing that small-scale fisheries play a very important sub-sector contributing to national food security and livelihood of people in the region, the Council encouraged SEAFDEC to continue advocating small-scale fisheries development and management in the region and mobilize the Member Countries in coming up with more common position relevant to small-scale fisheries. In the event that the FAO Sub-committee on Small-scale Fisheries might be established, the Southeast Asian region should be actively involved in the sub-committee considering that more than 90% of the world’s small-scale fisheries are in this region.

- **Adaptive Measures to Mitigate the Impacts of Climate Change to Fisheries and Aquaculture**

47. In noting that the World Ocean Conference would be organized in May 2009 in Indonesia to discuss issues on climate change, the Council encouraged SEAFDEC to continue monitoring the impact of climate change to fisheries, and that appropriate measures to mitigate the impact should also be developed.

- **Fisheries Subsidies**

48. The Council Director for Japan commented that as the issue of Fisheries Subsidies would be discussed at the WTO forums, Member Countries should take their substantial role in providing views and comments on the Chair's Text, with SEAFDEC providing platform for the sharing of information and supporting the initiatives/views of the Member Countries. He also informed the Council that the current Text is not acceptable for Japan considering that if the fishery resources management is effectively put in place, fisheries subsidies do not lead to over-capacity, and therefore such subsidies would be acceptable.

49. While providing additional views on the role of small-scale fisheries in national food security and livelihood of people in the region, the Council suggested that small-scale fisheries should be given special consideration in the negotiation in fisheries subsidies. However, it was noted that the common definition/understanding on small-scale fisheries is required to be used as basis for further discussion on the issue.

50. The Council requested SEAFDEC to incorporate the above recommendations into the Draft Executive Report on International Fisheries Related Issues (2008-2009), and endorsed the Executive Report for further submission to the higher authority of ASEAN for consideration and use as basis for ASEAN Member Countries participation and intervention at the relevant international fora.

6.3 Proposal on the ASEAN-SEAFDEC Conference on Sustainable Fisheries Development Towards 2020

51. The Council while acknowledging the achievements of SEAFDEC in the implementation of activities to promote sustainable fisheries development in the region in line with the "Resolution" and "Plan of Action" on Sustainable Fisheries for Food Security in the ASEAN Region adopted during the ASEAN-SEAFDEC Conference in 2001, recognized the need for the Member Countries in furthering the development of sustainable fisheries and its contribution to food security, poverty reduction and accommodating the new emerging issues in the region. In this connection, SEAFDEC proposed to organize the ASEAN-SEAFDEC Conference on Sustainable Fisheries Development Towards 2020 (**Annex 11**).

52. The Council was also informed of the visit of the SEAFDEC Secretary General to the ASEAN Secretariat to discuss the organization of the proposed Conference. The Council noted that the ASEAN Secretariat acknowledged the Conference to be a timely opportunity to address sustainable development of fisheries and to identify ways to enhance contribution of fisheries in the on-going ASEAN Community building process from now until 2015.

53. The representative from FAO expressed the willingness of FAO to collaborate with SEAFDEC in the organization of the Conference, and requested SEAFDEC to formally communicate with the Assistant Director-General of FAO to discuss the matter. In addition, he further suggested that the Conference should promote concrete cooperation between ASEAN and SEAFDEC in terms of policy and the linkage to the implementation of the AFCF.

54. In approving the concept proposal in the organization of the Conference, the Council suggested that the detailed arrangements would be further finalized in consultation with Member Countries. The Council also agreed that the proposal should be further submitted to the 17th ASWGF_i for consideration and support from the ASEAN side.

**6.4 Involvement of SEAFDEC in the Proposed GEF Project Entitled:
“Establishment and Operation of a Regional System of Fisheries Refugia in the South China Sea and Gulf of Thailand”**

55. The Council took note of the SEAFDEC involvement in the United Nations Environmental Programme/Global Environmental Facility/South China Sea (UNEP/GEF/SCS) Project on “Reversing Environmental Degradation Trends in the South China Sea and Gulf of Thailand”, particularly in the Fisheries Component on “Over Exploitation of Fisheries in the Gulf of Thailand” implemented from 2002 to 2008. The Council also commended the research undertaken by SEAFDEC in collaboration with the UNEP/GEF on fish larvae and juveniles, which is very important for future researches on habitat and stock enhancement.

56. The Council, while taking note of the concept proposal of the second phase of the Fisheries Component, entitled “Establishment and Operation of a Regional System of Fisheries Refugia in the South China Sea and Gulf of Thailand” (**Annex 12**), endorsed the involvement of SEAFDEC as the Project Executing Agency. The Council also noted that financial support would be provided by the UNEP/GEF/SCS to SEAFDEC for the implementation of the activities in the Member Countries as well as additional human resources to support the implementation of the project activities.

VII. COOPERATION WITH INTERNATIONAL/ REGIONAL ORGANIZATIONS AND NON-MEMBER GOVERNMENTS

57. The Council acknowledged the collaboration between SEAFDEC and other regional/international organizations, as well as the non-member governments, namely ASEAN Foundation, Asia-Pacific Fisheries Commission (APFIC), ASEAN, FAO, Coordinating Working Party on Fishery Statistics (CWP) and Fisheries Resources Monitoring System (FIRMS), Japan International Cooperation Agency (JICA), National Fisheries University of Japan (NFU), Sida, UNEP/GEF/SCS, during the year 2008 under areas of mutual interest.

58. The representative from the ASEAN Secretariat, Mr. Suriyan Vichitlekarn congratulated SEAFDEC for the achievements made in 2008. He informed the Meeting that with the entry-into-force of the ASEAN Charter in December 2008, ASEAN has now been transformed into a rule-based intergovernmental organization, fully committing to any forms of agreement concluded under the ASEAN framework. As far as the fisheries sector is concerned, he underscored the importance of strengthening contribution of the fisheries

sector in the ASEAN Community building process in addition to the on-going efforts in achieving sustainable development of the sector. With the ASEAN-SEAFDEC Strategic Partnership (ASSP) in place, he pointed the need for the two organizations to explore how ASSP could be better instrumental in realizing benefits of the respective Member States. With the view to enhance synergy of cooperation between ASEAN and SEAFDEC, he highlighted three areas for future cooperation: i) cooperation on implementation of measures relevant to fisheries under the Blueprints for ASEAN Economic Community and ASEAN Socio-Cultural Community; ii) support to the sub-regional cooperation arrangements (i.e. IMT-GT and BIMP-EAGA) where fisheries play a vital role; and iii) support to the proposed ASEAN-SEAFDEC Conference on Sustainable Development of Fisheries in the ASEAN Regional Towards 2020 with the view to revitalize the regional fisheries policy and action framework. His statement appears as **Annex 13**.

59. The representative from FAO, Mr. Simon Funge-Smith made a statement regarding the ongoing and potential future cooperation with SEAFDEC. He recognized the considerable cooperation between FAO and SEAFDEC, and expressed particular appreciation to the activities implemented by SEAFDEC in collaboration with the FAO/RAP and the APFIC. He also informed the Meeting of the forthcoming regional projects in Asia which was developed by FAO, and was participated in by five Member Countries of SEAFDEC in the Bay of Bengal and the South China Sea area. These projects offer considerable opportunities for collaborative activities in the areas of fisheries management, marine refugia, improving coastal livelihoods, diversification of opportunities in coastal communities and aquaculture development. The broad range of areas for collaboration on areas of mutual interest will ensure productive cooperation between FAO and SEAFDEC in the future. His statement appears as **Annex 14**.

VIII. OTHER MATTERS

8.1 Advisory Input from SEAFDEC Japanese Technical Support Group Committee

60. A presentation was made by Professor Tatsuro Matsuoka from the Faculty of Fisheries, Kagoshima University of Japan on the “Cooperation between Southeast Asia and Japan toward Sustainable Development and Management of Fisheries: A variety of Sources and Resources” (**Annex 15**). The presentation outlined the existing cooperation between the Southeast Asian region and the fisheries-related agencies in Japan through various forms, e.g. participation to international academic meetings and contribution to international journals and research cooperation, establishment of partnership arrangement, and participation of academic staff members to international cooperation projects. The international cooperation of Japan is mainly carried out through the Japan International Cooperation Agency (JICA), Japanese Society for the Promotion of Science (JSPS) an agency of Ministry of Education and Oversea Fishery Cooperation Foundation (OFCF). It is envisaged that with the SEAFDEC Japanese Technical Support Group Committee, the collaboration between fisheries-related institutes in Southeast Asia and Japan would be further strengthened and enhanced.

61. The initiatives, experience and achievement from the introduction of Set Net which originated from Japan to several Southeast Asian countries, e.g. Thailand, Indonesia, under the programs implemented in collaboration with SEAFDEC and the respective national agencies (**Annex 16**) was presented by Professor Takafumi Arimoto of the Tokyo University of Marine Science and Technology (TUMSAT). In connection with the transfer of the Set Net technology, the Council Director for Vietnam commented that the Set Net should be

used in a precautionary approach as this may result in the exploitation of fish spawners and juveniles if installed close to the fish spawning and nursery grounds.

62. While acknowledging the cooperation undertaken by the ASEAN Member Countries and Japan, the Council Director for Vietnam also expressed the need for enhancing the cooperation and support from Japan in the areas of capacity building in fisheries. He suggested that this should be proposed and discussed during the ASEAN +3 forums. In this connection, the representative from the ASEAN Secretariat informed the Council that the proposal could be prepared either by Japan or the ASEAN Member Countries and submitted through SOM of AMAF+3 for discussion and further implementation.

8.2 SEAFDEC-Sida Project on Climate Change and Adaptation in Southeast Asia with Special Focus on Andaman Sea

63. The Council took note and supported the SEAFDEC-Sida Project on Climate Change and Adaptation in Southeast Asia with Special Focus on Andaman Sea, to be implemented from 2009-2011.

IX. SEAFDEC FUTURE OPERATION

9.1 Improvement of SEAFDEC Information Tools and Enhancing Visibility of Communication

64. The Council took note of the progress in the implementation of the “Strategies for Improving SEAFDEC Information Tools and Enhancing Visibility of Communication” in the year 2008. The detailed information appears as **Annex 17**. The Council also requested the Secretariat to take into consideration the available budget, and to continue the production and dissemination of the information materials in an efficient manner.

9.2 SEAFDEC Program Framework

65. The Council took note of the proposed SEAFDEC Program Framework (**Annex 18**) which aims to consolidate and streamline the programs/projects implemented by SEAFDEC to enhance the efficiency and effectiveness of programs, minimize the implementation cost and maximize the benefit to Member Countries.

66. The Council suggested that SEAFDEC mandate should be revised to “To develop and manage the fisheries potential of the region by rational utilization of the resources for providing food security and safety to the people and alleviating poverty through transfer of new technologies, research and information dissemination activities”. In addition, a sub-bullet on aquaculture should also be added in the Program Trust on “Developing and promoting responsible fisheries for poverty alleviation and food security”.

67. The Council requested SEAFDEC to incorporate the above suggestions into the SEAFDEC Program Framework, and endorsed the Framework to be further used in the formulation and implementation of SEAFDEC programs/projects.

9.3 Operation of Training and Research Vessels

68. The Council took note of the operation of the M.V. SEAFDEC 2 during the year 2008, and the proposed plan for 2009, using the budget from the Minimum Regular Contribution (MRC) and the Member Countries under the cost-sharing basis. In addition to

the operation cost, however, the Council was informed of the requirement for the calibration and maintenance of scientific instruments, and the special check and dry docking, of which the cost is approximately 210,000 USD for every 5 years. The detailed information appears as **Annex 19**.

69. In this regard, the Council agreed that the countries that gain the benefit from the use of the M.V. SEAFDEC 2 should be responsible for the cost incurred by the vessel. It is therefore agreed that in securing budget for the additional cost of the M.V. SEAFDEC 2, the cost sharing scheme in Part III. Outline of Cost Sharing Policy, Article 1) should be modified to: “Supply of fuel for the entire duration of the research including cruising to and back to the requesting country”; and the new cost-sharing scheme would be effective starting from the year 2010.

70. The Council also took note that countries that propose to use the M.V. SEAFDEC 2 in 2010 should take this into consideration in securing their budget and preparing the proposal for submission to the forthcoming SEAFDEC Program Committee Meeting. In addition, in order to ensure the efficient utilization of the M.V. SEAFDEC 2, the Council Director for Japan also suggested that the cruise duration should not be less than 100 days. SEAFDEC should also explore other possible ways to fully utilize the vessel, e.g. additional utilization of the vessel by other relevant authorities, such as Maritime Authority, etc. and conducting joint research survey using other existing research vessels in the region. In addition, the Council also agreed to give SEAFDEC the flexibility to address the request from Member Countries and institutions in the region for the use of the vessel without seeking approval from the SEAFDEC Program Committee and the Council. However, the operational plan and outcome of the vessel cruises should be reported to the SEAFDEC Program Committee and the Council.

X. MANAGEMENT OF THE CENTER

10.1 Collaboration Arrangement between SEAFDEC and Other Organizations

71. The Council endorsed the establishment of collaborative arrangements between SEAFDEC and Kagoshima University of Japan, North Carolina State University of the USA, National Institute of Fisheries of Ecuador, and Australian Centre for International Agricultural Research (ACIAR) in 2008 (**Annex 20**). In addition, the Council was also informed of the renewed collaborative arrangement between SEAFDEC and the Fisheries Research Agency of Japan. In this regard, SEAFDEC Secretariat and Departments are developing more detailed collaborative projects/activities, and the information would be further reported to the Council.

10.2 Intellectual Property Rights (IPR)

72. The Council supported in principle the proposal on Intellectual Property Rights (IPR) Policy (**Annex 21**) which aims to ensure that the works of SEAFDEC are protected and recognized as useful for the development of fisheries in the region, and to provide incentive to research staff for developing patentable technologies and products.

73. However, concerns were raised on the fact that a patent issued by one country may not be applicable in other countries, and that the expenses in obtaining the world-wide patent could be very high or even higher than the returns. In addition, the mechanism in checking the originality of the patent should be developed for the careful adoption of the IPR policy to

avoid drawbacks, and that only certain products and processes from fisheries and aquaculture research that could be commercialized, are subjected to the IPR policy. The Council also agreed to provide flexibility to the SEAFDEC Secretariat and the Departments on the implementation of the IPR Policy.

XI. FINANCIAL MATTERS

11.1 Adoption of Auditor's Financial Report for 2007

74. In accordance with Article 6, paragraph 2 (ii) of the Agreement Establishing the Center, the Council endorsed the audited consolidated financial statement of the Center for the year ended 31 December 2007 including that of the Secretariat and the four Departments for the year 2007 (**Annex 22**) as audited by the Center's official auditors.

11.2 Unaudited Financial Report for the Year 2008 and Status of Financial Situation of the Year 2009

75. The Council took note of the Unaudited Consolidated Financial Report for the year 2008 (**Annex 23**), which comprises the Unaudited Balance Sheet as of 31 December 2008, the Unaudited Statement of Income and Expenditure for the year 2008, and the Unaudited Fund Balance as of 31 December 2008.

76. The Council was also informed that in 2010, the audit firm for the Secretariat and Training Department, as well as consolidated financial reports of 2008 onward will be changed from P&A Audit Co.,Ltd. to Fuangthong Accounting and Lawyer Office.

77. The Council also took note of the Status of the Financial Situation for the Year 2009 (**Annex 24**), which includes the MRC 2009 from the Member Countries and contributions from Japan and other international organizations.

11.3 Proposed Budgetary Requirement for 2010

78. The Council approved the proposed budgetary requirements of the Center for 2010 (**Annex 25**) and requested the Secretariat and the Departments to finalize the actual budget for submission to the Member Countries for funding support.

11.4 Other Financial Matters

79. The Council took note of the proposed change of the financial format to elaborate more on the detailed information on administrative and non-program expenditures. In this regard, the sub-item on "Travels and Related Expenses" which used to be under the item on "Operating Expenditure" would be raised as a new item on "Travels, Meetings and Related Expenses". The new format appears as **Annex 26**.

80. The Council approved the request made by the Council Director for Singapore that the accumulated funds from bank interest, gain in exchange rates and miscellaneous incomes under MFRD other fund account, be transferred to the AVA's account in order to be audited under the normal auditing process of the AVA. This would save the unnecessary cost of a separate audit which is grossly disproportionate to the expenditure of MFRD. The Council was also assured that such fund would be utilized for SEAFDEC activities in Singapore. As

a result, the financial report from MFRD will not appear in the SEAFDEC Consolidated Financial Report starting from the year 2009.

XII. CONCLUDING MATTERS

12.1 Adoption of the Report

81. The Council adopted the Report of the Forty-First Meeting of the Council and the Press Statement (**Annex 27**) on the results of the Meeting on 9 April 2009.

12.2 Date and Venue of the Forty-Second Meeting of the Council

82. In considering the date and venue of the Forty-Second Meeting of the Council, the Council Director for Lao PDR informed the Council that the Government of Lao PDR would accept the responsibility of hosting the next Council Meeting in Lao PDR in the year 2010.

83. The Council expressed its appreciation of the offer to host the next Council Meeting in Lao PDR, and requested the Secretary-General to discuss this further with the Council Director for Lao PDR for the finalization of the exact date and venue of the next meeting.

12.3 Vote of Thanks to the Host Government

84. The Alternate Council Director for the Philippines, Mr. Gil A. Adora, on behalf of the Council Directors expressed his appreciation to the Government of Japan and the Fisheries Agency, Ministry of Agriculture Forestry and Fisheries for the hosting arrangements for this Forty-First Meeting of the Council. He also expressed his gratitude for the contribution provided by the Government of Japan to several activities of SEAFDEC in the past, including the programs supported by the Japanese Trust Fund, the Special 5-year Program on Sustainable Fisheries for Food Security in the ASEAN Region, etc. He then reiterated the important issues and discussions during this Meeting which are envisaged to guide SEAFDEC to continue and strengthen its roles in supporting sustainable fisheries development in the region. His Remarks appears as **Annex 28**.

XIII. CLOSING OF THE MEETING

85. The Chairman expressed his appreciation to the Council Directors and their delegations as well as Secretary-General, Deputy Secretary-General, Chiefs of Departments and SEAFDEC staff for their support and cooperation during the Meeting. He therefore declared the Forty-First Meeting of the Council closed.

LIST OF PARTICIPANTS

BRUNEI DARUSSALAM

Council Director

Hajah Hasnah Ibrahim (Mrs.)
Director of Fisheries

Fisheries Department
Ministry of Industry and Primary Resources
Jalan Menteri Besar,
Bandar Seri Begawan BB 3910
Brunei Darussalam
Phone: +673 2383412
Fax: +673 2382069
E-mail: hasnah_ibrahim@fisheries.gov.bn

Delegate

Munah Haji Lampoh (Mrs.)
Senior Fisheries Officer

Fisheries Department
Ministry of Industry and Primary Resources
Jalan Menteri Besar,
Bandar Seri Begawan BB 3910
Brunei Darussalam
Phone: +673 2383412
Fax: +673 2382069
E-mail: munah_lampoh@fisheries.gov.bn

CAMBODIA

Alternate Council Director

Sam Nuov
Deputy Director-General

Fisheries Administration
#186 Preah Norodom Blvd.
Sangkat Tonle Basac, Khan Chamcar Mon
P.O. Box 582, Phnom Penh
Cambodia
Phone: +855 12 853747
Fax: +855 23 219446
E-mail: samnuov.fia@maff.gov.kh

INDONESIA

Council Director

Dr. Martani Huseini
Director-General of Fisheries Product
Processing and Marketing

Ministry of Marine Affairs and Fisheries
Jl. Flora Blok G 15/16
RT 005/08 Kau Cipayung
Cipayung Jakarta Timur
Indonesia
Phone: +62 21 3500063
Fax: +62 21 3520844
E-mail: martani0703@yahoo.com

Alternate Council Director

Dr. Made L. Nurdjana
Director-General of Aquaculture

Directorate General of Aquaculture
Ministry of Marine Affairs and Fisheries
Jl. Harsono RM. No. 3, Deptan, Gedung B, Lt. 4
Ragunan, Pasar Minggu, Jakarta Selatan 12550
Indonesia
Phone: +62 21 7890552
Fax: +62 21 78835853
E-mail: dgaq@indosat.net.id

Delegates

Dr. Ketut Sugama
Director of Seed Production

Ministry of Marine Affairs and Fisheries
Jl. Harsono RM. No. 3, Deptan, Gedung B, Lt. 5
Ragunan, Pasar Minggu, Jakarta Selatan 12550
Indonesia
Phone: +62 21 7815630
Fax: +62 21 7815101
E-mail: sugama@indosat.net.id

Saut P. Hutagalung
Director of International Marketing

Ministry of Marine Affairs and Fisheries
Directorate General of Fisheries Product
Processing and Marketing
Jl. Medan Merdeka Timur no. 16
Jakarta Selatan 10110
Indonesia
Phone/Fax: +62 21 3521977
E-mail: trilateral_partnership@yahoo.com

Dr. Achmad Poernomo
Director of Research Center for Capture
Fisheries, and SEAFDEC National
Coordinator for Indonesia

Ministry of Marine Affairs and Fisheries
Agency Marine and Fisheries Research
Jl. Pasir Putih I, Ancol Timur
Jakarta Utara 14430, Indonesia
Phone : +62 21 64711940
Fax: +62 21 6402640
E-mail: achpoer@yahoo.com

S. Dyah Retnowati SP (Mrs.)
Head of Inland Water Fisheries
Resources Management

Ministry of Marine Affairs and Fisheries
B Building, 6th Floor
Jl. Harsono Rm no.3 Ragunan
Jakarta Selatan
Phone/Fax: +62 21 7811672
E-mail: retnowatii@yahoo.com

Council Director

Jun Yamashita
Deputy Director-General

JAPAN
Fisheries Agency
1-2-1, Kasumigaseki, Chiyoda-ku
Tokyo 100-8907, Japan
Phone: +81 3 67442366
Fax: +81 3 35020571
E-mail: jun_yamashita@nm.maff.go.jp

Delegates

Kiyoshi Katsuyama
Director, Overseas Fisheries Cooperation
Office

Fisheries Agency
1-2-1, Kasumigaseki, Chiyoda-ku
Tokyo 100-8907, Japan
Phone: +81 3 67442366
Fax: +81 3 35020571
E-mail: kiyoshi_katsuyama@nm.maff.go.jp

Tadahiro Kawata
Director of Safety Technology Division,
Policy Planning Department, Japan Craft
Inspection Organization

Japan Craft Inspection Organization
3-1-4, Kudan-Kita, Chiyoda-ku
Tokyo, Japan
Phone: +81 3 32390827
Fax: +81 3 32390829
E-mail: t-kawata@jci.go.jp

Teruo Azuma
Chief, Breeding & Physiology Section
Freshwater Fisheries Research Division,
National Research Institute of Fisheries
Science
Fisheries Research Agency

Fisheries Research Agency
Freshwater Fisheries Research Division
Chugushi 2482-3, Nikko, Tochigi 321-1661,
Japan
Phone: +81-288-55-0055
Fax: +81-288-55-0064
E-mail: azuma@fra.affrc.go.jp

Jiro Hyugaji
Assistant Director, International Affairs
Division, and SEAFDEC National
Coordinator for Japan

Fisheries Agency
1-2-1, Kasumigaseki, Chiyoda-ku
Tokyo 100-8907, Japan
Phone: +81 3 67442366
Fax: +81 3 35020571
E-mail: jiro_hyugaji@nm.maff.go.jp

Chiaki Mizugaki (Ms.)
Technical Official, International Affairs
Division

Fisheries Agency
1-2-1, Kasumigaseki, Chiyoda-ku
Tokyo 100-8907, Japan
Phone: +81 3 67442366
Fax: +81 3 35020571
E-mail: chiaki_mizugaki@nm.maff.go.jp

LAO P.D.R.

Alternate Council Director

Dr. Somphanh Chanphengxay
Deputy Director-General

Department of Livestock and Fisheries
Ministry of Agriculture and Forestry
P.O. Box 6644, Vientiane, Lao PDR
Phone: +856 21 215242
Fax: +856 21 215141
E-mail: somphana2003@yahoo.com

Delegates

Dr. Mahanakhone Souriya
Deputy Director-General

Department of Livestock and Fisheries
Ministry of Agriculture and Forestry
P.O. Box 6644, Vientiane, Lao PDR
Phone: +856 21 215242
Fax: +856 21 215141
E-mail: smahanakhone@yahoo.com ;
Lao_dlfmaf@yahoo.com

Bounthong Saphakdy
Director of Fisheries Division

Department of Livestock and Fisheries
Ministry of Agriculture and Forestry
P.O. Box 6644, Vientiane, Lao PDR
Phone: +856 21 215424
Fax: +856 21 215141
E-mail: saphakdy@yahoo.com

MALAYSIA

Council Director

Dato' Junaidi bin Che Ayub
Director-General of Fisheries Malaysia

Department of Fisheries Malaysia
6th Floor, Tower Block, 4G2
Wisma Tani, Percinct 4
62628 Putrajaya, Malaysia
Phone: +60 3 88704008
Fax:
E-mail: kpp01@dof.gov.my

Delegate

Mohamad Shaupi bin Derahman
Director of Planning and International
Division, and SEAFDEC National
Coordinator for Malaysia

Department of Fisheries Malaysia
2nd Floor, Tower Block, 4G2
Wisma Tani, Percinct 4
62628 Putrajaya, Malaysia
Phone: +60 3 88704212
Fax: +60 3 8889 1195
E-mail: shaupi@dof.gov.my

MYANMAR

Council Director

Khin Maung Aye
Director-General of Fisheries

Department of Fisheries
Ministry of Livestock & Fisheries
Sinmin Road, Ahlone Township
Yangon, Myanmar
Phone: +95 1 227298, 221344, 223036
Fax: +95 1 228258
E-mail: fisheries@myanmar.com.mm ;
irnp.dof@gmail.com

PHILIPPINES

Alternate Council Director

Gil A. Adora
Assistant Director

Bureau of Fisheries and Aquatic Resources
(BFAR)
3rd Floor, PCA Bldg., PCA Compound
Elliptical Road, Corner Commonwealth Avenue
1100 Diliman, Quezon City, Philippines
Phone: +63 2 9296125 ; 3796523
Fax: +63 2 9296125
E-mail: gi_adora@yahoo.com

Delegate

Dr. Jonathan O. Dickson
Chief, Capture Fisheries Division, and
SEAFDEC National Coordinator for the
Philippines

Bureau of Fisheries and Aquatic Resources
(BFAR)
4th Floor, PCA Annex Bldg. Elliptical Road
1100 Diliman, Quezon City, Philippines
Phone/Fax: +63 2 9294296
E-mail: jod_bfar@yahoo.com

SINGAPORE

Council Director

Dr. Chua Sin Bin
Chief Executive Officer and
Director-General of Agri-Food &
Veterinary Authority of Singapore

Agri-Food & Veterinary Authority of Singapore
5 Maxwell Road, #04-00, Tower Block
MND Complex, Singapore 069110
Phone: +65 63257622
Fax: +65 62263835
E-mail: chua_sin_bin@ava.gov.sg

Delegate

Renee Chou (Mrs.)
Deputy Director (Agri-technology), and
SEAFDEC National Coordinator for
Singapore

Agri-Food & Veterinary Authority of Singapore
5 Maxwell Road, #01-01, Tower Block
MND Complex, Singapore 069110
Phone: +65 63257637
Fax: +65 63257677
E-mail: renee_chou@ava.gov.sg

THAILAND

Council Director

Dr. Somying Piumsombun (Mrs.)
Director-General

Department of Fisheries
Kasetsart Klang, Chatuchak
Bangkok 10900, Thailand
Phone: +66 2 5620523
Fax: +66 2 5620493
E-mail: somyingp@fisheries.go.th

Delegates

Pirochana Saikliang
Director, Upper Gulf Marine Fisheries
Research and Development Center, and
Chairman of the SEAFDEC-RAC

49 Soi Prarachveriyaporn 16
Bang Pheung, Phra Pradeang
Samut Prakan 10130, Thailand
Phone: +66 2 8167635 to 38 ext. 39
Fax: +66 2 4636775
E-mail: Pirochas@hotmail.com

Dr. Waraporn Prompoj (Ms.)
Director, Fisheries Foreign Affairs
Division, and SEAFDEC National
Coordinator for Thailand

Department of Fisheries
Kasetsart Klang, Chatuchak
Bangkok 10900, Thailand
Phone/Fax : +66 2 5620529
Fax: +66 2 5620529
E-mail: wprompoj@yahoo.com

Somchat Charoenwuttichai
Director, Planning Division

Department of Fisheries
Kasetsart Klang, Chatuchak
Bangkok 10900, Thailand
Phone: +66 2 5620539
Fax: +66 2 5620531
E-mail: somchatc@fisheries.go.th

Dr. Smith Thummachua
Chief, Overseas Fisheries Management
and Economic, Fisheries Foreign Affairs
Division

Department of Fisheries
Kasetsart Klang, Chatuchak
Bangkok 10900, Thailand
Phone/Fax: +66 2 5797947
E-mail: thuma98105@yahoo.com

Lukhana Boonsongsrikul (Mrs.)
Fishery Biologist, Fisheries Foreign
Affairs Division

Department of Fisheries
Kasetsart Klang, Chatuchak
Bangkok 10900, Thailand
Phone/Fax: +66 2 5620529
E-mail: lukhana91@yahoo.com

Siranon Sakolwithayanon
Senior Budget Analyst

Bureau of the Budget
Office of the Prime Minister
Rama 6 Road, Bangkok 10400
Thailand
Phone/Fax: +66 2 2739454
E-mail: SIRANON_S@yahoo.com

VIETNAM

Alternate Council Director

Dr. Chu Tien Vinh
Director-General, Department of Capture
Fisheries and Resources Protection

Ministry of Agriculture and Rural
Development
10 Nguyen Cong Hoan Street, Ba Dinh District
Hanoi, Vietnam
Phone: +84 4 913462376
Fax: +84 4 38353363
E-mail: chutienvinh@hn.vnn.vn

Delegates

Nguyen Viet Manh
Deputy Director-General, International
Cooperation Department

Ministry of Agriculture and Rural
Development
2 Ngoc Ha Street, Ba Dinh District
Hanoi, Vietnam
Phone: +84 903 458885
Fax: +84 4 37330752

Doan Manh Cuong
Programme Officer, International
Cooperation Department, and SEAFDEC
National Coordinator for Vietnam

Ministry of Agriculture and Rural
Development
2 Ngoc Ha Street, Ba Dinh District
Hanoi, Vietnam
Phone: +84 903 255238
Fax: +84 4 37330752
E-mail: doanmanhcuong@gmail.com

OBSERVERS

ASEAN Secretariat

Suriyan Vichitlekarn
Senior Officer, Natural Resources
Unit

Bureau for Economic Integration and Finance
ASEAN Secretariat
Jalan Sisingamangaraja 70A
Jakarta 12110, Indonesia
Phone: +62 (21) 7243372, 7262991 Ext. 367
Fax: +62 (21) 7398234, 7243504, 7200848
E-mail: suriyan@asean.org

**FOOD AND AGRICULTURE ORGANIZATION
OF THE UNITED NATIONS (FAO)**

Dr. Simon Funge-Smith
Senior Fishery Officer

FAO Regional Office for Asia and
the Pacific (FAO/RAP)
Maliwan Mansion, 39 Phra Athit Road
Bangkok 10200, Thailand
Phone: +66 2 6974149
Fax: +66 2 6974445
E-mail: simon.fungesmith@fao.org

JAPAN

Prof. Tatsuro Matsuoka
Dean, Faculty of Fisheries

Kagoshima University
Shimoarata 4-50-20
Kagoshima 890-0056, Japan
Phone: +81-99-286-4241
Fax: +81-99-286 4241
E-mail: matsuoka@fish.kagoshima-u.ac.jp

Prof. Takafumi Arimoto

Tokyo University of Marine Science and
Technology
4-5-7, Konan, Minato-ku
Tokyo 108-8477, Japan
Phone: +81-3-5463-0470
E-mail: tarimoto@kaiyodai.ac.jp

Prof. Akira Hamano

National Fisheries University
Japan
Phone: +81-83-286-5111
E-mail: ahamano@fish-u.ac.jp

Prof. Yusuke Suda

National Fisheries University
Japan
Phone: +81-83-286-5111
E-mail: suda@fish-u.ac.jp

Mr. Norihisa Baba

Fisheries Research Agency
Japan
Phone: +81-45-227-2674
E-mail: norihisa@fra.affrc.go.jp

Ron Ishitani

Overseas Fisheries Cooperation Association
Japan
Phone: +81-3-3254-9001
Fax: +81-3-3254-9003
E-mail: Ishitani@ofca.or.jp

Yasuyoshi Ishida
Acting Director

Fisheries and Marine Technology Research
Center Freshwater Laboratory
Fukuoka Prefecture
2449, Yamada, Asakura-City, Fukuoka 836-1306,
Japan
Phone: +81 946 523218
Fax: +81 92 523324
E-mail: ishida-y3780@pref.fukuoka.lg.jp



Daisuke Watanabe
Senior Technical Staff

Fishery Administration Division
Fukuoka Prefecture
7-7,Higashikoen,Hakata-ku,Fukuoka-
City,Fukuoka 812-8577,Japan
Phone: +81 92 6433556
Fax: +81 92 6433568
E-mail: watanabe-d6160@pref.fukuoka.lg.jp

Hisako Kurita (Ms.)
Assistant Chief

Fishing Industry Support and Promotion Division
Fukuoka Prefecture
7-7,Higashikoen,Hakata-ku,Fukuoka-
City,Fukuoka 812-8577,Japan
Phone: +81 92 6433561
Fax: +81 92 6433567
E-mail: kurita-h2680@pref.fukuoka.lg.jp

Kazuhiro Mitoma
Chief Fisheries Promotion Section

Agriculture,Forestry&Fisheries Breau
Fukuoka City Hall
1-8-1,Tenjin,Chuo-ku,Fukuoka-City,Fukuoka
810-8620,Japan
Phone: +81 92 7114364
Fax: +81 92 7335557
E-mail: mitoma.k01@city.fukuoka.lg.jp

Phongtorn DOUNGPHANYA
External Auditor

OFFICIAL AUDITOR

P & A Audit Company Limited
645, 2nd Floor, 3P Building
Navamin Road, Klongjan, Bangkok
Bangkok 10240, Thailand
Cell phone: +66 818115200
Fax: +66 2 7355885
E-mail: pandaaudit@yahoo.com

The Secretariat
Dr. Siri Ekmaharaj
Secretary-General

SEAFDEC

SEAFDEC/Secretariat
P.O. Box 1046, Kasetsart Post Office
Bangkok 10903, Thailand
Phone: +66 2 9406326 to 28
Fax: +66 2 9406336
E-mail: sg@seafdec.org

Hideki Tsubata
Deputy Secretary-General

E-mail: ds@seafdec.org

Somnuk Pornpatimakorn
Administration and Finance Coordinator

E-mail: somnuk@seafdec.org

Dr. Somboon Siriraksophon
Policy and Program Coordinator

E-mail: somboon@seafdec.org

Pouchamarn Wongsanga (Mrs.)
Information Program Coordinator

E-mail: pouch@seafdec.org

Akito Sato
Assistant Trust Fund Manager

E-mail: sato@seafdec.org

Kannika Boonkananurak (Ms.)
Finance Officer

E-mail: kannika@seafdec.org

Training Department

Bundit Chokesanguan
Head, Information and Training
Division; and Special Departmental
Coordinator

P.O. Box 97 Phrasamutchedi
Samut Prakan 10290, Thailand
Phone: +66 2 4256100
Fax: +66 2 4256110 to 11
E-mail: bundit@seafdec.org

Dr. Yuttana Theparoonrat
Head of Coastal Fisheries Management
Division

SEAFDEC/TD
P.O. Box 97, Phrasamutchedi
Samut Prakan 10290, Thailand
Tel: +66 2 4256100
Fax : +66 2 4256110 to 11
E-mail: yuttana@seafdec.org

Dr. Worawit Wanchana
Head of Capture Fishery Technology
Division

SEAFDEC/TD
P.O. Box 97, Phrasamutchedi
Samut Prakan 10290, Thailand
Tel: +66 2 4256100
Fax : +66 2 4256110 to 11
E-mail: worawit@seafdec.org

Marine Fisheries Research Department

Tan-Low Lai Kim (Mrs.)
Chief

2 Perahu Road, Singapore 718915
Phone: +65 67907973
Fax: +65 68613196
E-mail: Tan-Low_Lai_Kim@ava.gov.sg

Aquaculture Department

Dr. Joebert D. Toledo
Chief

Tigbauan 5021
Iloilo, Philippines
Phone: +63 33 5119174
Fax: +63 33 5119174
E-mail: jdtoledo@seafdec.org.ph ;
aqdchief@aqd.seafdec.org.ph

Belen O. Acosta (Ms.)
Special Departmental Coordinator

Room 105, G/F PSS Center
Commonwealth Avenue
Diliman Quezon City 1102
Philippines
Tel: +63 2 9275542
Fax: +63 2 9277825
E-mail: bacosta@seafdec.org.ph



Marine Fishery Resources Development and Management Department

Mahyam Binte Mohd. Isa (Ms.)
Chief

Fisheries Garden, Chendering
21080 Kuala Terengganu, Malaysia
Phone : +60 9 6163150
Fax : +60 9 6175136
E-mail: mahyam@seafdec.org.my

Dr. Osamu Abe
Deputy Chief

Fisheries Garden, Chendering
21080 Kuala Terengganu, Malaysia
Phone : +60 9 6175940
Fax : +60 9 6174042
E-mail: abe@seafdec.org.my

Abu Talib Bin Ahmad
Special Departmental Coordinator

Fisheries Garden, Chendering
21080 Kuala Terengganu, Malaysia
Phone : +60 9 6163150
Fax : +60 9 6175136
E-mail: abutalib@seafdec.org.my

Technical secretaries

Virgilia T. Sulit (Mrs.)
Nualanong Tongdee (Ms.)
Rujarek Bumrasarinpai (Ms.)

E-mail: sulit@seafdec.org
E-mail: nual@seafdec.org
E-mail: rujarek@seafdec.org

Translators

Yoko Yamakase (Ms.)
Hiroko Yasokawa (Ms.)
Asami Mori (Ms.)
Kachiyo Koda (Ms.)
Hisako Tomita (Ms.)
Fumiko Souda (Ms.)

Fisheries Agency
1-2-1, Kasumigaseki, Chiyoda-ku
Tokyo 100-8907, Japan
Phone: +81 3 67442366
Fax: +81 3 35020571

Secretariat of the Meeting:

Saowanee Wanothayarnchai (Mrs.)
Chiaki Mizugaki (Ms.)
Ron Ishitani

E-mail: saowanee@seafdec.org

WELCOME REMARKS

Prof. Dr. Martani Huseini
SEAFDEC Council Director for Indonesia, and
Outgoing Chairman of SEAFDEC Council of Directors

Excellencies, the Representatives of the Government of Japan;
Distinguished Council Directors of the SEAFDEC Member Countries;
The Honorable Secretary-General and Deputy Secretary-General of SEAFDEC;
National Coordinators and Delegates from the SEAFDEC Member Countries;
Ladies and Gentlemen: Good morning!

Firstly, please allow me to extend my heartfelt welcome to all of you. It is my pleasure to be here with you to attend this important session of the 41st Meeting of the SEAFDEC Council here in Fukuoka, Japan. I believe that your presence here will bring significant contributions to this meeting, which in turn will improve the performance of SEAFDEC in the coming years. Your active participation is therefore very much highly appreciated. Secondly, my appreciation goes to the Government of Japan which has given its full support for this meeting in this beautiful City of Fukuoka. I am sure that we will return home by the end of this week with sweet and warm memories. Thirdly, I owe a bunch of gratitude to the SEAFDEC Secretariat for organizing this Meeting. I am sure that their support will contribute to the success of the meeting.

Ladies and gentlemen,

With vast area which is rich in biodiversity, fisheries and aquaculture in the Southeast Asian region have consistently played an important role in providing nutrition to our people and at the same time, contributing significantly to the region's economy. Despite the significant progress that have been achieved here and there, we also witnessed the deterioration of habitats and environments in our region posing threat to the sustainability of our resources. New challenge, such as global warming and climate change, are also emerging and are very likely forcing us to modify the way we catch and culture our fish. Measures on quality and especially safety imposed by some importing countries are getting stricter and thus, create new challenges for all of us. Pressures from the market to curb Illegal, Unreported and Unregulated (IUU) fishing in our region have made us work harder. However, the depleting fish resources and lack of lands and water bodies for aquaculture in countries outside our region have also opened opportunities for us. It is now up to us to manage our resources properly, and it is also time for us to reassure and strengthen our commitments to sustainably utilize the resources for the sake of the future generations. In this particular aspect, I personally believe that SEAFDEC will play a stronger role in the region.

Distinguished participants,

Last year, we have seen a number of successful activities of SEAFDEC. I myself have been given the opportunity to learn the implementation of FOVOP in the Member Countries, particularly in Thailand. Significant progress have also been demonstrated by the SEAFDEC Departments in Thailand, Singapore, Philippines and Malaysia. It is also interesting to note that the first meeting of the Regional Advisory Committee on Fisheries Management in Southeast Asia or RAC, of which the establishment was approved by the Council during our

40th Meeting last year in Denpasar Bali, was successfully held in Bangkok last year, of which the report will be presented to this Meeting. I have also been informed that the Program Committee Meeting was fruitfully conducted in Singapore in November last year. However, despite these outcomes, we also sadly witnessed the departure of the Honorable Dr. Yasuhisa Kato, Special Advisor to SEAFDEC, who has been with us for more than 10 years, for other job opportunities in Japan. Without him, I believe, SEAFDEC would have been less progressive or might have even gone to the wrong direction. Please join me in extending our appreciation to Dr. Kato for his services with SEAFDEC.

Again on this opportunity and on behalf of Council Directors of SEAFDEC and myself as its Outgoing Chairman, I would like to put my thumbs up for Dr. Siri Ekmaharaj and his staff, for their hard work in running the SEAFDEC Secretariat. Let me also congratulate Mr. Hideki Tsubata who was reappointed as Deputy Chief of SEAFDEC Training Department and concurrently as Deputy Secretary-General of SEAFDEC, and Mrs. Tan-Low Lai Kim for the re-appointment as the Chief of SEAFDEC Marine Fisheries Research Department in Singapore. Keep up the good work, fellows!!

My warm welcome is addressed to Mr. Jun Yamashita who was recently appointed as the New SEAFDEC Council Director for Japan, and to Mr. Doan Manh Cuong who is now the new SEAFDEC National Coordinator for Vietnam. Welcome on board!!

Lastly, I would like to extend my gratitude to all Council Directors of the SEAFDEC Member Countries, and in particular to the SEAFDEC Secretariat for the excellent support given to me during my term as the Chairman of the Council Directors. Let me express again my appreciation for the wonderful moments during past year, and it was indeed a great privilege for me to have worked with you all. I am sure that similar support or even better, will be also provided to the new Chairman of the SEAFDEC Council.

As the Council Director for Indonesia, I would like to take this opportunity to cordially extend my government's invitation for all of you to participate in the World Ocean Conference which will be held in Manado, North Sulawesi, Indonesia on 11-15 May 2009. The Conference will be a good opportunity for us to discuss the global issues of the ocean, which obviously affect the fisheries resources including those of our region. I have been informed that the M.V. SEAFDEC 2 will have an open ship (exhibition) during the conference after conducting resources survey in Sulawesi Sea. A Scientific Symposium will also be held back to back with the conference as well as a side trip to an aquaculture farm. There will be also a summit on Coral Triangle Initiative on Coral, Fisheries and Food Security which will be attended by six Heads of States and other senior officials from marine and fisheries ministers of each concerned country. I therefore expect to see you all in Manado, North Sulawesi next month. Thank you.

OPENING REMARKS

Mr. Jun Yamashita
SEAFDEC Council Director for Japan, and
Incoming Chairman of the SEAFDEC Council of Directors

Honorable Council and Alternate Council Directors,
Honorable Governor of Fukuoka Prefecture and Mayor of Fukuoka City,
Honorable SEAFDEC Secretary-General and Deputy Secretary-General,
SEAFDEC Department Chiefs
Distinguished Delegates,
Ladies and Gentlemen, Good morning!

As the Council Director for Japan and on behalf of the Fisheries Agency of the Government of Japan, it is my great honor and pleasure to extend my warmest welcome to all participants in this 41st Meeting of the SEAFDEC Council in Fukuoka City. This City, which is well known as the western gateway in Japan to the northeast and Southeast Asian countries, is also the most beautiful city in Japan with historical structures that depict its culture.

As Council Member for Japan, I also would like to take this opportunity to express my sincere appreciation to the Government of Indonesia for holding the last Council Meeting in Bali, which was a fantastic city. Actually, it was one of my old friends, Mr. Yoshiyuki Shige then the Alternate Council Director, who attended that Meeting and completely enjoyed the Meeting as well as his stay in Bali. So for this time, all my staff and I would make best efforts to take care of you all here so that your stay in Fukuoka would be as comfortable as that of last year's Council Meeting.

After an interval of ten years, Japan is now hosting the SEAFDEC Council Meeting again and I am quite glad to meet a lot of Southeast Asian friends from the SEAFDEC member countries. On the other hand, I feel that the role of SEAFDEC in the Southeast Asian region is becoming more and more important than that of ten years ago. In the past, we simply drew out through the SEAFDEC framework, the development of fisheries in the ASEAN countries. But now we also have to take into consideration the management and sustainability of the fishery resources. Fisheries and fishery related activities in the region had achieved great economic contributions on the individual countries' economies, but many fishery resources especially in the coastal areas are now facing the crisis of significant decrease and depletion.

In this decade, I am certain that the SEAFDEC Member Countries have acquired the knowledge and theory of responsible fisheries and fishery management. Hereafter, I would like to suggest that SEAFDEC should continue the implementation of more practical activities for the sustainable development of fisheries in the Southeast Asian countries. The promotion of responsible and environment-friendly aquaculture may be an alternative of the critical status of the coastal fisheries. However, excessive rush towards specific commercial aquaculture could also lead to the depletion of market prices and the fisherfolk losing everything. In this regard, in addition to the technical development for new aquaculture species, stock recovery and natural resources enhancement should be out in proper perspective as these could be the most important and essential challenges for SEAFDEC in the next decade.

In the recent years, I acknowledged that SEAFDEC activities cover various types of issues including individual, regional and global issues on fisheries, and realized its objectives for the benefit of the Member Countries. At the same time, the credibility of SEAFDEC in the world also increased gradually with the active participation of the SEAFDEC Member Countries in many international fisheries fora. As one of responsible member countries of SEAFDEC, Japan promises to provide continuous contribution and cooperation to SEAFDEC and its Member Countries for the promotion of sustainable fisheries and sustainable societies especially in the rural fishing communities.

Before I end my opening address, I would like to express my appreciation to the SEAFDEC Secretariat and Departments, and to the local organizers of this 41st Council Meeting for the excellent preparation and organization that ensure the comfortable management of the meeting. I am confident that the result of this meeting will be fruitful and meaningful.

Lastly, as the representative of the Government of Japan, I hereby officially declare the opening of the 41st Meeting of the SEAFDEC Council here in Fukuoka City, Japan. Thank you.

STATEMENT

*Mr. Wataru Aso, Governor of Fukuoka Prefecture
Fukuoka, Japan*

The Council Directors of SEAFDEC,
The Delegates from the SEAFDEC Member Countries,
Guests, Ladies and Gentlemen:

Allow me to express my sincere appreciation to SEAFDEC for inviting me as the Guest Speaker for the Opening Ceremony of the 41st Meeting of the Council of Directors of the Southeast Asian Fisheries Development Center. I would therefore wish to welcome the Council Directors and their delegations as well as the staff from all participating countries around the world to Fukuoka Prefecture.

The Southeast Asian Fisheries Development Center was founded in 1967 with the goal of promoting fishery development in Southeast Asia. Since then, thanks to cooperation among its member countries, the Center has initiated many programs to conduct research and development on fishing technology, post-harvest and aquaculture as well as exploring new fishing resources. Moreover, as the only fishery organization in Southeast Asia, the Center was selected as a technical advisor to the ASEAN Meeting of Agriculture Ministers and has made many great contributions to the development of the fishing industry in the region. I deeply admire the efforts that all of you have made over these many years.

Fukuoka Prefecture has a close relationship with Asia, both geographically and culturally, and has historically been a focal point for exchange between Japan and mainland Asia. Recently, Fukuoka has been cooperating with many Asian countries in a variety of fields such as business, youth exchange, culture, and environmental issues with the purpose of continuing to develop together.

Fukuoka Prefecture is surrounded by three seas: the Chikuzen Sea, Buzen Sea, and Ariake Sea, and has a large fishing and shellfish industry which is known throughout Japan. Fisheries is very much part of our culture. Therefore, I am honored that this meeting is being held here and I am very grateful to the SEAFDEC Council Directors and the SEAFDEC Secretariat for selecting our prefecture as the meeting venue.

Economic development in Southeast Asia has seen a rise in domestic consumption and the globalization of marine products trade, which has necessitated progressive reforms in the areas of fishing and culture technologies. We can see impressive fishery development in many countries such as Thailand and Vietnam which have promoted the export of high value products such as shrimps and squid.

On the other hand, the overuse of fishery resources, seaside development and environmental pollution caused many problems which require a collaborative solution in order to preserve the fishing industry. Everybody's role in solving such problems will become increasingly important and the world will look on us with great anticipation.



I very much look forward to the next three days of discussion at this 41st Meeting of the SEAFDEC Council which I hope will contribute greatly to the development of fisheries in Southeast Asia.

In closing, I would like to express my best wishes for the health and success of everybody at the Southeast Asian Fisheries Development Center. Thank you very much.

AGENDA

- Agenda 1** Procedural Matters
1.1 Opening of the Meeting
1.2 Election of Chairman
1.3 Adoption of the Agenda and Arrangements for the Meeting
- Agenda 2** Report of the Secretary-General
- Agenda 3** Note of the Chairman of the SEAFDEC Program Committee on the Result of the Thirty-First Meeting
- Agenda 4** Note of the Chairman of the Regional Advisory Committee on Fisheries Management in Southeast Asia (RAC)
- Agenda 5** Note of the Chairman of the Fisheries Consultative Group (FCG) of the ASEAN-SEAFDEC Strategic Partnership (ASSP) on the Result of the Eleventh Meeting
- Agenda 6** Policy Consideration on Important Issues
6.1 Promotion of the Regional Code of Conduct for Responsible Fisheries
6.2 International Fisheries Related Issues
6.2.1 EU Regulation: Catch Certification Scheme
6.2.2 FAO Legally-Binding Instruments on Port State Measures for Combating IUU fishing
6.2.3 Aquaculture Certification
6.2.4 Small-Scale Fisheries
6.2.5 Adaptive Measures to Mitigate the Impact of Climate Change to Fisheries and Aquaculture
6.2.6 Fisheries Subsidies
6.2.7 Economic Approach for Sustainable Development of Fisheries
6.3 Proposal on ASEAN-SEAFDEC Conference on Sustainable Fisheries Development Towards 2020
6.4 Involvement of SEAFDEC in the Proposed GEP Project Entitled: “Establishment and Operation of a Regional System of Fisheries Refugia in the South China Sea and Gulf of Thailand”
- Agenda 7** Cooperation with International/ Regional Organizations and Non-member Governments
- Agenda 8** Other Matters
- Agenda 9** (*Closed Session*) SEAFDEC Future Operation
9.1 Improvement of SEAFDEC Information Tools and Enhancing Visibility of Communication
9.2 SEAFDEC Program Framework
9.3 Operation of Training and Research Vessels

- Agenda 10** (*Closed Session*) Management of the Center
10.1 Collaborative Arrangement between SEAFDEC and other organizations
10.2 Intellectual Property Rights (IPR)

- Agenda 11** (*Closed Session*) Financial Matters
11.1 Adoption of Auditor's Financial Report for 2007
11.2 Un-audited Financial Report for 2008, and Status of the financial situation for 2009
11.3 Proposed Budgetary Requirement of the Center for 2010
11.4 Other Financial Matters

- Agenda 12** Concluding Matters
12.1 Adoption of the Report and Press Statement
12.2 Date and Venue of the Forty-Second Meeting of the Council
12.3 Vote of Thanks to the Host Government

- Agenda 13** Closing of the Meeting

NOTE OF THE CHAIRMAN OF THE SEAFDEC PROGRAM COMMITTEE ON THE RESULT OF THE THIRTY FIRST MEETING

3-5 November 2008, Singapore

I. INTRODUCTION

1. The Thirty-first Meeting of the Program Committee of the Southeast Asian Fisheries Development Center (SEAFDEC) was held in Singapore from 3 to 5 November 2008, and hosted by the Marine Fisheries Research Department (MFRD). The objective of the Meeting was to review the SEAFDEC programs implemented in 2008 and scrutinize the programs to be implemented in 2009, to ensure that the programs are formulated and implemented in line with the priorities and needs of the Member Countries.

II. PROGRAM MATTERS

2.1 Progress and achievements of the program implementation in the year 2008

2. SEAFDEC programs for the year 2008 were formulated based upon the framework of SEAFDEC strategic plan and the Resolution and Plan of Action on Sustainable Fisheries for Food Security for the ASEAN Region, Code of Conduct for Responsible Fisheries and Regional Guidelines for Responsible Fisheries in the Southeast Asian Region; and Cooperation with ASEAN including ASSP and Roadmap for integration of fisheries sector under the ASEAN framework agreement for the integration of priority sectors. SEAFDEC programs for the year 2008 can be categorised into: (i) Departmental programs; (ii) Programs under ASEAN-SEAFDEC Strategic Partnership (ASSP) and Fisheries Consultative Group (FCG) Mechanism and (iii) Other programs. The programs are listed in as *Appendix 1*.

2.1.1 Departmental programs

3. SEC, AQD and TD carried out totally 10 Departmental Programs in 2008, including

- 1) *Center-wide Information Network (Secretariat)*,
- 2) *Information and Communications Technology (TD)*,
- 3) *Tailor Made Training and Study Tour (TD)*,
- 4) *Integrated Mollusc Production (AQD)*,
- 5) *Mud Crab and Shrimp Domestication (AQD)*,
- 6) *Marine Fish (AQD)*,
- 7) *Small-holder Freshwater Aquaculture (AQD)*,
- 8) *Seaweed Strain Improvement (AQD)*,
- 9) *Aquatic Ecology (AQD)*, and
- 10) *Other R&D Activities (AQD)*

4. The Meeting considered the Program on *Center-wide Information Network* as important in raising the public awareness and visibility of SEAFDEC, therefore dissemination of the information materials to member countries should be continued and increased in number upon the requests. In this regards, to reduce the cost of delivering the information materials to the Member Countries, other means of distribution should be considered. In addition, SEAFDEC website should be developed/improved to include all productions of promotional and technical publication in electronic files for downloading

5. With regards to the *Departmental Programs implemented by AQD*, Aquaculture Department continued to provide focus on generating and transferring aquaculture technologies which are environment-friendly and suitable to the needs of the region. These activities which are in line with the Regional Guidelines for Responsible Fisheries in Southeast Asia and supports the SEAFDEC Fisheries Consultative Group Programs in the ASEAN region cover the following Programs: (i) Marine Fish; (ii) Mud Crab and Shrimp; (iii) Mollusk; (iv) Small-holder Freshwater Aquaculture (v) Seaweeds and (vi) Aquatic Ecology.

6. The Meeting was also informed that AQD has been conducting training courses for the SEAFDEC Member Countries with limited support from the Japanese Trust Fund. Moreover, AQD could also organize training courses based on the Member Countries' interest for pre-agreed fees.

7. With regards to the departmental programs undertaken by AQD, the Meeting was informed that the programs are formulated and implemented cutting across activities under research, technology verification and demonstration, and training dimensions. While commending AQD for implementing activities that have significantly contributed to the development of aquaculture in the region, the Meeting suggested that AQD should consider enhancing the dissemination of research findings as well as reports of workshops, training/demonstration activities to the Member Countries and the possibility of involving the fisheries private sector in the AQD activities.

8. Consideration for the approach on economic viability and adaptability of the technologies in aquaculture and current global economic crisis, therefore the Meeting suggested that the SEAFDEC Secretariat in collaboration with the Departments and Member Countries to develop a regional strategy incorporating economic approaches to fisheries development.

9. With regards to the *Departmental Programs implemented by TD*, in 2008, TD strengthened public relation TD organization and activities via multi channel as exhibition, souvenir, radio, newsletter and electronic newsletter. The several productions of promotion material and multimedia packages were produced and disseminated to worldwide. The technology media as website was used to promote TD activities and information online. The target audience and publicity was assessed TD information via Information and Communication Technology implementation.

10. The meeting also took note that TD organized 8 tailor made training courses and study tour programs and also another 3 tailor made study tour programs which TD are requested by CRMP-Sri-Lanka, DOF of Bangladesh to conduct them in November - December 2008.

2.1.2 Programs under ASEAN-SEAFDEC Strategic Partnership (ASSP) and Fisheries Consultative Group (FCG) Mechanism

11. Programs under ASEAN-SEAFDEC FCG Mechanism can be grouped into four categories: fisheries management, aquaculture, post-harvest and processing, trade and environment. The Meeting reviewed the following programs that carried out in 2008:

➤ **2008 ASSP and FCG Programs: Fisheries Management (by SEC, TD & MFRDMD)**

12. There are 13 programs under this grouping:

- 1) *Support to the Implementation of Code of Conduct for Responsible Fisheries (Secretariat)*
- 2) *Promotion of Rights-based Fisheries and Co-management towards Institutional Building and Participatory Mechanism for Coastal Fisheries Management (TD)*
- 3) *Improvement of Fishery Statistics and Information for Planning and Management of Fisheries in the ASEAN Region (Secretariat)*
- 4) *Responsible Fishing Technologies and Practices (Fishing in Harmony with Nature) (TD)*
- 5) *Sustainable Utilization of Potential Fisheries Resources and Reduction of Post-harvest Losses (TD)*
- 6) *Capacity Improvement of Fisheries Community for Fisheries Management and Alleviation of Poverty (TD)*
- 7) *Support to Tsunami Rehabilitation of Affected Countries in the ASEAN Region (Secretariat)*
- 8) *Fisheries Resource Survey and Operational Plan for M.V. SEAFDEC 2 (TD)*
- 9) *Deep Sea Fisheries Resources Exploration in the Southeast Asia (TD)*
- 10) *Tagging Program for Economically Important Pelagic Species in the South China Sea and Andaman Sea (MFRDMD)*
- 11) *Promotion of “One Village, One Fisheries Products (FOVOP)” System to Improve the Livelihood for the Fisheries Communities in ASEAN Region (Secretariat)*
- 12) *Information Collection of Highly Migratory Species in Southeast Asia Waters (TD)*
- 13) *Development of Regional Database for Fishery Management (TD)*

13. Programs under this grouping highlight on the needs for innovative management for sustainable fisheries through consultation, demonstration, and dissemination of relevant approaches, at the same time to minimize disparities of the Member Countries and to achieve coordinated efforts towards sustainable fisheries. Promotion of alternative energy in order to reduce impact to global climate change is also included. In addition, assessment on under-utilization resources as an alternative resources to ensure the food security in the region.

14. Generally, activities of the program include: organization of technical policy consultation/meetings; development of technical guidelines; organization of trainings and demonstration; dissemination of publications, proceeding and reports; participation to regional/national/international related events; and resources investigations and assessment of the resource status.

15. The important issue is on the establishment of the ASEAN Regional Fisheries Management Mechanism (ARFMM) which was supported under the “Support to the Implementation of Code of Conduct for Responsible Fisheries”. With this regard the representative from the ASEAN Secretariat, expressed his appreciation to SEAFDEC to develop the ARFMM framework, which was submitted by Thailand to the preparatory SOM30th-AMAF. The Meeting was also informed that the ARFMM has been changed to the ASEAN Fisheries Consultative Forum (AFCF).

16. On the Responsible Fishing Technologies and Practices conducted by the Training Department (TD), the Committee Member from the Philippines commended that the activities implemented during the past years in reducing the by-catch of juveniles and trash fish from fishing activities which has significantly contributed to sustainable utilization of fishery resources in the region. The meeting noted that the Philippines is now drafting a policy on the use of JTEDs in trawl operations, and that several dialogues and consultations with the stakeholders have been conducted in 2008 in order that the policy could be reviewed and endorsed by the National Fisheries and Aquatic Resources Management Council to the Secretary of Agriculture for approval by December 2008. It is envisaged that upon the promulgation of the regulation, fishing operators would comply to use the JTEDs and a workshop to support the enforcement of JTEDs would also be organized.

17. With regard to the Program on *Fishery Resources Survey Utilizing the M.V. SEAFDEC 2*, Indonesia proposed to use MV SEAFDEC2 for fisheries resources survey in the Sulawesi sea before the World Ocean Conference held in Manado, north-Sulawesi, Indonesia, in addition open house of MV SEAFDEC2 will be arranged during the Conference. The Committee Member from Myanmar also informed the Meeting that the proposed collaborative resources survey in Myanmar utilizing the M.V. SEAFDEC 2 since 2008 and postponed to 2009 was dropped.

18. With Regard to the program on *Information Collection of Highly Migratory Species in Southeast Asia Waters* noted that the activities will focused on information collection of tuna in the Southeast Asia waters, particularly in the Philippines, Indonesia, Vietnam and Thailand for 2008-2009. In addition, the Committee suggested that the activities undertaken by Indonesia in relevant to tuna observation at Bitung tuna landing site could be coordinated with the SEAFDEC program.

19. With regards to the program on *Promotion of Rights-based Fisheries and Co-management towards Institutional Building and Participatory Mechanism for Coastal Fisheries Management*, the Committee Member from the Philippines suggested that the outcomes from several workshops and consultations conducted on issues relevant to the programs should be followed-up by the respective Member.

20. The Committee Member from Thailand while also commending SEAFDEC for the implementation of rights-based fisheries and co-management, expressed the willingness of Thailand to share its experience and expertise from the Coastal Habitats and Resources Management (CHARM) project under the current relevant SEAFDEC program.

21. The Committee Member from Malaysia expressed his appreciation to SEAFDEC for co-sponsoring the recently held Regional Seminar on Integrated Coastal Resources Management Approach in Southeast Asia in Langkawi Malaysia, which aimed to review the impacts from the implementation of the Integrated Coastal Resources Management (ICRM) project in Pulau Langkawi, Malaysia. Considering the successful outcome of the project activities, the Department of Fisheries Malaysia plans to also implement the ICRM concept in the other areas of Malaysia.

➤ **2008 ASSP and FCG Programs: Aquaculture (by AQD)**

22. There are 2 programs in this group, as follows

- 1) *Development of Technologies and Human Capacity Building for Sustainable Aquaculture (AQD)*

2) *Establishment of Disease Surveillance System of Aquatic Animals (AQD)*

23. These programs aim to: (i) address regionally relevant technology needs for sustainable aquaculture in various areas; and (ii) develop a surveillance system for diseases of aquatic animals in Southeast Asia through establishment of the network of resources and facilities for fish health diagnosis.

24. With regard to Program on Development of Technologies and Human Capacity Building for Sustainable Aquaculture noted that the capacity building are focused in various areas such as on Freshwater Aquaculture of Indigenous Species, Integrated Aquaculture System, Coastal Aquaculture and Mariculture, and Captive Broodstock Development and Seed Production.

➤ **2008 ASSP and FCG Programs: Post-harvest and Processing (by MFRD)**

25. There are 2 programs in this group, as follows

- 1) *Quality Assurance Systems for Small and Medium-sized Fish Processing Establishments in ASEAN Member Countries (MFRD)*
- 2) *Chemical and Drug Residues in Fish and Fish Products in Southeast Asia (MFRD)*

26. Overall objectives of the programs under this grouping is to develop an integrated fisheries post-harvest technology program that would address food security and sustainable development of fish resources in the region, and strengthen collaboration amongst ASEAN Member Countries.

27. In response to the inquiry made by the representative from FAO regarding the report summarizing the outcomes of the project on Chemical and Drug Residues in Fish and Fish Products, the Chief of MFRD explained that the Technical Report on Chemical and Drug Residue is being prepared for publication by the end of 2008. Once available, the report will be disseminated to the Member Countries, FAO and the stakeholders.

28. The ASEAN Secretariat encouraged SEAFDEC to compile the outcomes and the information related to the use of chemicals in aquaculture and measures to eliminate the use of harmful chemicals.

➤ **2008 ASSP and FCG Programs: Trade and Environment (by SEC, AQD, MFRDMD)**

29. There are 4 programs in this group, as follows

- 1) *Assistance for Capacity Building in the Region to Address International Trade Related Issues (Secretariat)*
- 2) *Environmental Related Tasks in Southeast Asia (Secretariat)*
- 3) *Research for Stock Enhancement of Sea Turtles (MFRDMD)*
- 4) *Research and Development (R&D) of Stock Enhancement of Species under International Concerns (AQD)*

30. Objectives of the programs under this grouping are to: (i) safeguard Member Countries interests and welfare against unfair treatment, which may jeopardize the national or regional fisheries resources sustainability; (ii) to provide necessary information on

concerned aquatic species under CITES and put effort in conservation and management of sharks, sea turtles and sea cucumbers; (iii) review past/present stock enhancement programs, develop ecologically sound strategies for stock enhancement, encourage participation of local communities in stock enhancement, and develop method and criteria for monitoring and evaluation of stock enhancement; and (iv) promote/support the reduction of sea turtle mortality in fishing operation.

31. On the activities related to international trade issues, the Committee Member from Thailand informed the Meeting on progress of the FAO Technical Guidelines for Aquaculture Certification, the draft of which was discussed during the Fourth Session of the FAO/COFI Sub-Committee on Aquaculture in October 2008 in Chile. However, since the Sub-committee requested FAO to accommodate more views and conduct further technical consultation with the members and stakeholders, Thailand initially sought the support of the other SEAFDEC Member Countries for this issue, which would be presented in details during the ASEAN-SEAFDEC FCG-ASSP Meeting.

32. The meeting noted that there are 5 existing Non-Funded ASSP-FCG Programs in 2008, including

- 1) *Rehabilitation of Fisheries Resources and Habitats/Fishing Grounds through Resource Enhancement*
- 2) *The Use of Indicators for Sustainable Development and Management of Capture Fisheries in the ASEAN Region*
- 3) *Development of Integrated Inland Fisheries Management in ASEAN Countries*
- 4) *Utilization of Freshwater Fish in ASEAN Member Countries*
- 5) *Good Laboratory Quality Management in ASEAN Member Countries*

33. The Meeting noted that on *Rehabilitation of Fisheries Resources and Habitats/Fishing Grounds through Resource Enhancement* will be implemented again with the support by the Japanese Trust Fund starting in 2010.

2.1.3 Other Programs in 2008

34. The Meeting took note of the other SEAFDEC programs/activities implemented in 2008, including:

- 1) *Promotion of Set-Net: an Eco-friendly Fishing Gear of Sustainable Coastal Fisheries Management*
- 2) *Information Collection for Economical Important Species: as Surimi Raw Materials*
- 3) *Cetacean Research in Southeast Asian Waters: Whale Watching Program*
- 4) *Collection of Information about International Support in the Region*
- 5) *Promotion of Sustainable Freshwater Aquaculture for Rural Communities*

35. The meeting took note the activities on Promotion of Set-Net: an Eco-friendly Fishing Gear of Sustainable Coastal Fisheries Management program in Thailand and Indonesia pilot sites.

36. The meeting took note the outcomes on the Cetacean Research in Southeast Asian Waters (Whale Watching Program), based on sighting survey onboard MV SEAFDEC2 in 2008, in addition, the exiting cetacean (whale and dolphins) found in coastal areas/habitat. The Meeting was informed that the currently available information on whales and dolphins in the Member Countries, e.g. information collected in the coastal areas and rivers, which could not be covered by the cruises of M.V. SEAFDEC 2, and the experience and knowledge

from the national/regional experts of the region, are being integrated with the data collected under this program to enhance the cetaceans information in the region.

37. With regards to the program on the *Collection of Information about International Support in the Region* which will be terminated in 2008, the Meeting was informed that TD would provide the outcomes from the program to all the Member Countries. Moreover considering the importance of the activity, the Meeting was also informed that starting in 2009 the activity to collect information on international support would be incorporated under the program on Center-wide Information Network. The Secretariat would further seek support from the Member Countries to provide the necessary information for this activity, e.g. through the questionnaire surveys, and the outcomes from the information collection would be summarized and provided to all countries.

38. The Meeting suggested that activities to be implemented by ASEAN and SEAFDEC to support the implementation of the ASEAN Roadmap for Integration of Fisheries Sector, should also take into account the impact of small-scale capture fisheries and small-scale aquaculture in the remote rural areas.

2.2 Proposed Programs of activities in the year 2009

39. In 2009, most of the programs will be implemented as the continuation of the existing program activities from the previous years, considering the response to areas of importance and priority need of the Member Countries. The list of the proposed programs/activities, comprising of Departmental Programs and Programs under ASSP and FCG Mechanism in the year 2009 appears also as *Appendix 1*.

2.2.1 Departmental Programs in the year 2009

40. The Secretariat, Training and Aquaculture Departments proposed to continue totally 10 Programs from the previous year.

41. For SEC and TD, the Departmental Programs aim to maintain and updating SEAFDEC integrated homepage; produce/disseminate various information to be initiated by SEAFDEC in different format of publications, brochures, exhibitions, video, etc.. In addition some programs also aims to strengthen collaboration among SEAFDEC and other organizations. In the case of AQD, the activities initiated in 2008 will be continued in 2009.

42. After endorsement of the proposed Departmental Programs for 2009, the Meeting provided comments to ensure that the Programs address the needs of the Member Countries. Noted that MFRD and MFRDMD did not implement Departmental Program in 2008 nor propose for 2009 due to the unavailability of funding

43. AQD are requested to implement the activities that have significantly contributed to the Development of Aquaculture in the Region. The Committee also suggested AQD to consider on the following aspects:

- enhancing the dissemination of research findings, reports of workshops, training/demonstration activities;
- involving the fisheries private sector in the AQD activities;
- implementing research activities on integrated mariculture or polyculture of marine high value species and protection of ecology;
- developing artificial diets for the abalone;

- sending mud crab experts to Myanmar and providing training on mud crab culture;
- implementing programs to balance the culture of comparatively low-priced species for food security and local development, and the high-priced species for improving the national economies;
- Agree-Build-Operate-Transfer of Aquabusiness (ABOT) program
- considering bio-economic aspects in the planning and implementation of AQD R&D activities

44. As for the culture of *Penaeus vannamei* in lakes, the Committee Member from Thailand also expressed concern on the possible impact to the biodiversity and the indigenous species from the release of such alien species into the natural waters, which should also be considered.

45. Under the TD Program on Tailor-made Training and Study Tour, it was noted that Member and Non-member Countries of SEAFDEC could participate in the various activities, however, the costs for organizing and conduct of certain activities at pre-agreed rates would be charged to the requesting countries.

2.2.2 Programs under ASSP and FCG Mechanism in the year 2009

46. In 2009, most of the programs activities under this grouping will be implemented as to follow up and continuation of works from over the past years. Major objective of these programs is to ensure long-term sustainable management and development of fisheries/aquatic resources in the region. Process of the program activities includes: organization of consultations/meeting to develop policy guidelines for sustainable development and management in fisheries; organization of survey/research that based upon the need/request of the Member Countries and the region priority; and dissemination of the outputs from the events/activities.

47. In the year 2009, the programs consist of 21 existing programs (see the list appears under the item 2.1.2), and 1 new proposed programs (see *Appendix I*).

48. New proposed ASSP and FCG Mechanism Programs for the year 2008-9 is listed as follows:

- 1) *Human Resource Development (HRD) for Poverty Alleviation and Food Security by Fisheries Intervention in the ASEAN Region (Secretariat)*

49. Recommendations by the committee on the ASSP and FCG Mechanism programs are the following:

50. With regard to the Program on “Chemical and Drug Residues in Fish and Fish Products in Southeast Asia” The meeting noted that the program on Chemical and Drug Residues in Fish and Fish Products in Southeast Asia, from 2009-2012 will focus on the analysis of biotoxins, while the meeting suggested to include pesticides particularly organophosphate group. However, due to no capacity and limited fund, therefore the Meeting suggested to invite Japanese experts to conduct the training on above subjects and ask SEAFDEC/SEC to seek more funding support.

51. The Committee Member from Indonesia emphasized on the importance of ensuring the safety of aquaculture products in the region, particularly in monitoring the antibiotic

substances in aquaculture products. As currently required by the EU, countries exporting products to the EU should establish their respective national residual control plans in order to be included in the list of permitted countries. In this regard, the Meeting suggested that MFRD should consider implementing a program similar to the national residue control plan, and continue monitoring the antibiotic substances in aquaculture products from the region.

52. The representative from the ASEAN Secretariat informed the Meeting that since the implementation of the ASEAN Economic Community Blueprint is a priority of the ASEAN, there is the need to formulate guidelines on the use of chemicals in aquaculture and measures to eliminate the use of harmful chemicals. Such guidelines and measures could contribute to enhancing the competitiveness and ensure the safety of aquaculture products from the region. In this regard, the ASEAN Secretariat encouraged SEAFDEC to explore the possibility of compiling the outcomes and the information derived from the relevant projects implemented by AQD and MFRD related to the above issues.

53. The Committee Member from Thailand informed the Meeting that there are no Inter-Laboratories Proficiency Testing agencies in the region and the participation in international programs is very costly, the Meeting therefore suggested that issue should be presented for further discussion during the forthcoming ASWGFi Meeting.

54. The Committee Member from Thailand proposed to conduct the training program for Fluoroquinolone and Nitromidazole in shrimp products determination for all ASEAN Member Countries and sought the possibility for SEAFDEC to provide financial support for international travel, accommodation, and DSA of the participants.

55. The Meeting suggested that MFRD should consider implementing a program similar to the national residue control plan, and continue monitoring the antibiotic substances in aquaculture products from the region to ensure the safety of aquaculture products as required by imported countries

56. Refer to implementation under the ASEAN Foundation on FOVOP and HRD on poverty alleviation, the Committee Member from Vietnam requested SEAFDEC to give more priority to the less developed countries in implementing the activities that contribute to livelihood, and poverty alleviation. In addition, the Committee Member from Thailand also raised the significance of the promotion of gender when implementing the activities.

2.2.3 Other Programs in the year 2009

57. Under this grouping, there will be totally 6 programs, including 1 new program and 5 existing/continued programs as follow:

- 1) *Promotion of Set-Net; an Eco-friendly Fishing Gear of Sustainable Coastal Fisheries Management (TD, established since 2003)*
- 2) *Collection of Information about International Support in the Region (TD, established since 2003)*
- 3) *Information Collection for Economical Important Species: as Surimi Raw Materials (TD, established since 2006)*
- 4) *Promotion of Sustainable Freshwater Aquaculture for Rural Communities (SEC in collaboration with AQD, established since 2007)*
- 5) *Cetacean Research in Southeast Asian Waters: Whale Watching Program (TD, since 2008)*

6) *Promotion of Inland Small-scale Fisheries Management through Rights-based Fisheries and Co-management Towards Institutional Building and Participatory Approaches (New)*

58. With regards to the program on the Promotion of Set-Net: an Eco-friendly Fishing Gear of Sustainable Coastal Fisheries Management, the Meeting was informed that the technology and the experiences of TD in the implementation of the Set-Net in Thailand would be transferred to other countries through the production/dissemination of publications, and that similar activities would be implemented in Indonesia and Malaysia¹

59. The Meeting noted that since Indonesia is planning to develop a Set-Net technology in the country, the Set Net technology transferred by SEAFDEC could be incorporated in such plan. The meeting also noted that precautionary approach and the possible impacts from Set-Net operation to the fishery resources should also be considered by TD in the promotion of Set-Net in the region.

60. The Meeting suggested that in the implementation of the Set-Net activities in the participating countries, an evaluation of the project impacts (e.g. on socio-economic, fisheries and resources aspects) should also be conducted, and the guidelines on the sustainable operation and management of Set-Net in the region, should be prepared to transfer the Set-Net technology to other countries in the region.

61. With regards to the program on Information Collection for Economical Important Species: as Surimi Raw Materials, the Chief of MFRD suggested that in the production of “posters on important species for surimi materials” proposed by TD for 2009, the species to be included in the posters should be those that have been shown to be appropriate for use as Surimi raw materials, and that focus should be on low-value and under-utilized species.

62. While strongly supporting the program on Promotion of Sustainable Freshwater Aquaculture for Rural Communities, the Meeting recommended that the Joint Regional Training on Community-based Aquaculture in the Remote Rural Areas of the Region should be conducted in 2009 and the following years. The Meeting also expressed concerns on the difficulties faced by the poor people in remote rural areas in accessing funding support and microcredit in the development of rural aquaculture. In response, the SEAFDEC Secretariat would consider the possibility of including the issue of microcredit in the training programs. The Program Committee Member from Thailand also requested that SEAFDEC should continue the implementation of the program on rural aquaculture development particularly for inland areas in the future.

63. The Committee Member from Thailand expressed the willingness to share the expertise of Thailand in the implementation of the abovementioned program, and that a pilot project should also be implemented in such countries as Lao PDR and Myanmar, where self-sufficiency, self-reliance and participatory approaches could also be promoted. These pilot projects could also serve as learning centers in the respective countries. In addition to the experiences of Thailand, the Meeting also suggested that the experiences of other organizations, e.g. Mekong River Commission (MRC), Asian Institute of Technology (AIT) and Network of Aquaculture Centre in Asia-Pacific (NACA), should also be mobilized in the implementation of the program.

64. With regard to the, Cetacean Research in Southeast Asian Waters: Whale Watching Program, to avoid mis-understanding on the project activities, the Meeting agreed to change the title to Cetacean Sighting Program. In addition, based on the outcome from sighting

survey, the Committee Member from the Philippines requested TD to train BFAR staffs on cetacean sighting activities by providing the necessary expertise and data to be collected.

65. The Meeting also observed that the original program on Cetacean Sighting Program aimed to collect information on the evidence of whales during the research survey cruises undertaken by SEAFDEC without creating additional burden in terms of funding requirement. The linkage of the small pelagic resources with the existing whale and dolphin population in the region should be further investigated under this proposed program.

66. The Meeting also expressed concerns on the difficulties faced by the poor people in remote rural areas in accessing funding support and microcredit in the development of rural aquaculture. In response, the SEAFDEC Secretariat would consider the possibility of including the issue of microcredit in the training programs.

67. The Meeting suggested that activities to be implemented by ASEAN and SEAFDEC to support the implementation of the ASEAN Roadmap for Integration of Fisheries Sector, should also take into account the impact of small-scale capture fisheries and small-scale aquaculture in the remote rural areas.

68. The representative from the ASEAN Secretariat subscribed to the initiatives that enhance contribution of fisheries to poverty alleviation and sustainable livelihood as guided by the ASEAN Socio-cultural Community Blueprint. He further proposed possible strategies to address such issues, including: 1) mainstreaming the experiences of relevant international/regional organizations in poverty alleviation and livelihood in the national poverty reduction strategies of the respective countries, 2) enhancing the capacity of local institutions in maximizing the utilization of institutional resources, and 3) conducting capacity building for personnel working in support of small-scale fisheries and aquaculture in the region.

69. In order to further address the issues of common interest in small-scale aquaculture, the Meeting suggested that collaboration should be sustained in exchanging experiences in rural development and rural aquaculture to promote livelihood, with possible funding support from the SEAFDEC-Sida Project and Japanese Trust Fund.

70. The representative from FAO emphasized on the great potentials of aquaculture in remote rural areas in contributing to food security and income generating for the people. While expressing the willingness of FAO to collaborate in the future activities of SEAFDEC, he also informed the Meeting on the shift of the donors' area of interest from fisheries to agriculture development as in the case of the International Fund for Agricultural Development (IFAD). Since aquaculture projects in remote rural areas could be funded under the general agricultural development framework, he also suggested that SEAFDEC could explore the possibility of seeking financial support from IFAD for the implementation of aquaculture projects in the remote rural areas.

71. With regards to the program on Promotion of Inland Small-scale Fisheries Management through Rights-based Fisheries and Co-management towards Institutional Building and Participatory Approaches, the Meeting suggested that the existing experiences and information of the Mekong River Commission (MRC) should be mobilized in the implementation of this program. In response, it was clarified that TD has been closely coordinating with MRC in the planning and the implementation of this program but since the baseline information in the project area (Ngam-Nguem Reservoir) has not been collected by

MRC, TD would collaborate with MRC in the collection of the baseline data and in the implementation of this project.

III. PIPELINE PROJECTS AND EMERGING NEEDS FOR PREPARATION OF FUTURE PROJECT PROPOSALS

72. There are totally 2 pipeline projects, which can be grouped under programs related to fisheries management, that proposed and endorsed by the Committee. The projects are still under discussion and negotiation process with donor agencies, as follow:

- 1) *Community Fisheries – Strengthening Organization of Communities for Sustainable Livelihoods in Coastal Areas (Secretariat/Islamic Development Bank-IDB)*
- 2) *Managing Fish Habitat and Fish Stock in the South China Sea (Secretariat/UNEP-GEF-South China Sea)*

73. On the project on Community Fisheries – Strengthening Organization of Communities for Sustainable Livelihoods in Coastal Areas which was proposed for possible funding from the IDB, the representative from the ASEAN Secretariat provided the updated progress on the discussion between the Secretary-General of ASEAN and the President of IDB and added that the Memorandum of Understanding (MOU) between ASEAN Secretariat and IDB has already been signed. He then suggested that Indonesia as the project ASEAN Lead Country in consultation with SEAFDEC should prepare the preliminary project proposal using the ASEAN format, and submit the proposal to the IDB through the ASEAN Secretariat. The ASEAN Secretariat expressed willingness to provide assistance in furnishing the guidelines for preparing the proposal and agreed to facilitate the proposal submission process. In addition, the ASEAN Secretariat would also keep close communication with SEAFDEC and Indonesia, on any other possible funding support from IDB.

74. With regards to the project on Managing Fish Habitat and Fish Stock in the South China Sea, the Committee Member from Vietnam requested clarification on the possible areas of overlaps in management between the fisheries management agencies and others. In this regard, SEAFDEC would coordinate with UNEP-GEF-South China Sea and other stakeholders and further communicate with the project focal points of participating countries to confirm the concept of fishery refugia and marine protected areas.

IV. OTHER MATTERS

75. The Meeting suggested that the SEAFDEC Secretariat and Departments would modify and finalize the program framework to appropriately address the priorities and needs of the region, reflecting the existing competence of SEAFDEC. The draft proposal was provided to the members of the Program Committee during the meeting for their review and consideration and to send their feedbacks to the SEAFDEC Secretariat before the end of January 2009 for consideration and endorsement at the 41st the SEAFDEC Council.

76. With regard to the SEAFDEC Special Event in 2010, The Meeting suggested that SEAFDEC Secretariat and the Departments prepare a more detailed proposal taking into consideration the funding requirements and the progress of implementation of the ASEAN-SEAFDEC Resolution and Plan of Action on Sustainable Fisheries for Food Security in the ASEAN Region and further circulate to the Member Countries for their in-country

consultation. In this connection, the Committee Member from Thailand suggested that the special event might be organized in 2011 instead.

77. The meeting noted that SEAFDEC or other partners are requested to provide financial support in convening a regional consultation in 2009 or 2010 to review and identify the R&D activities under its Departmental Programs based on the needs of Member Countries.

V. SUGGESTION BY THE COUNCIL

78. The Council is requested to consider and endorse the results of the programs implementation for the year 2008 and proposed programs for 2009, also including the recommendation made at the 31st Meeting of the Program Committee.

79. The Council is invited to provide directives for the Secretariat and all Departments on the important areas for improvement of the program formulation, monitoring and evaluation for its effective implementation in order to increase benefit to the Member Countries in the future.

LIST OF SEAFDEC PROGRAMS ACTIVITY FOR THE YEAR 2008-2009
I. Departmental Programs

| Departmental Programs | Responsible Department | 2008 | 2009 |
|--|------------------------|------|------|
| 1) Center-wide Information Network (Secretariat) | SEC | X | X |
| 2) Information and Communications Technology | TD | X | X |
| 3) Tailor Made Training and Study Tour | TD | X | X |
| 4) Integrated Mollusc Production | AQD | X | X |
| 5) Mud Crab and Shrimp Domestication | AQD | X | X |
| 6) Marine Fish | AQD | X | X |
| 7) Small-holder Freshwater Aquaculture | AQD | X | X |
| 8) Seaweed Strain Improvement | AQD | X | X |
| 9) Aquatic Ecology | AQD | X | X |
| 10) Other Research & Development Activities | AQD | X | X |

II. Programs under ASEAN-SEAFDEC Strategic Partnership (ASSP) and Fisheries Consultative Group (FCG) Mechanism

| Programs under the ASEAN SEAFDEC ASSP and FCG Mechanism | Lead Country | Lead Department | 2008 | 2009 |
|--|----------------------|-----------------|------|----------------|
| 1. Support to the Implementation of Code of Conduct for Responsible Fisheries in the ASEAN Region | Indonesia | SEC | X | X ¹ |
| 2. Assistance of Capacity Building in the Region to Address International Trade Related Issues | Thailand | SEC | X | X |
| 3. Promotion of Rights-based Fisheries and Co-management towards Institutional Building and Participatory Mechanism for Coastal Fisheries Management | All Member Countries | TD | X | X ² |
| 4. Improvement of Fishery Statistics and Information for Planning and Management of Fisheries in the ASEAN Region | Thailand | SEC | X | X |
| 5. Responsible Fishing Technologies and Practices (Fishing in Harmony with Nature) | Thailand | TD | X | X |
| 6. Sustainable Utilization of Potential Fisheries Resources and Reduction of Post-harvest Losses | Thailand | TD | X | X |
| 7. Development of Technologies and Human Capacity Building for Sustainable Aquaculture | Philippines | AQD | X | X |
| 8. Quality Assurance Systems for Small and Medium-sized Fish Processing Establishments in ASEAN Member Countries | Singapore | MFRD | X | X |
| 9. Environmental Related Tasks in Southeast Asia | Malaysia | SEC | X | X |

¹ The program in 2007 was previously referred to as Regionalization of the Code of Conduct for Responsible Fisheries.

² The program in 2007 was previously referred to as Strengthening Small-scale Fisheries Management through the Promotion of Rights-based Fisheries and Co-management.

| | | | | |
|---|----------------------|--------|---|---|
| (in collaboration with the Departments) | | | | |
| 10. Establishment of Disease Surveillance System of Aquatic Animals | Philippines | AQD | X | X |
| 11. Chemical and Drug Residues in Fish and Fish Products in Southeast Asia | Singapore | MFRD | X | X |
| 12. Research and Development (R&D) of Stock Enhancement for Species under International Concerns | Philippines | AQD | X | X |
| 13. Research for Stock Enhancement of Sea Turtles (in collaboration with TD) | Malaysia | MFRDMD | X | X |
| 14. Capacity Improvement of Fisheries Community for Fisheries Management and Alleviation of Poverty | Thailand | TD | X | X |
| 15. Support to Tsunami Rehabilitation of Affected Countries in the ASEAN Region | Indonesia | SEC | X | X |
| 16. Fisheries Resource Survey and Operational Plan for M.V. SEAFDEC 2 | All Member Countries | TD | X | X |
| 17. Deep Sea Fisheries Resources Exploration in the Southeast Asia | The Philippines | TD | X | X |
| 18. Tagging program for economically important pelagic species in the South China Sea and Andaman Sea | Malaysia | MFRDMD | X | X |
| 19. Promotion of "One Village, One Fisheries Products (FOVOP)" System to Improve the Livelihood for the Fisheries Communities in ASEAN Region (New) | Thailand | SEC | X | X |
| 20. Information Collection of Highly Migratory Species in Southeast Asia Waters | Philippines | TD | X | X |
| 21. Development of Regional Database for Fishery Management | Malaysia | TD | X | X |
| New Program | | | | |
| 22. Human Resource Development (HRD) for Poverty Alleviation and Food Security by Fisheries Intervention in the ASEAN Region | TBD ³ | SEC | - | X |
| Non-Funded Program | | | | |
| 23. Rehabilitation of Fisheries Resources and Habitats/Fishing Grounds through Resource Enhancement | Thailand | TD | - | |
| 24. The Use of Indicators for Sustainable Development and Management of Capture Fisheries in the ASEAN Region | Malaysia | MFRDMD | - | - |
| 25. Development of Integrated Inland Fisheries Management in ASEAN Countries | Malaysia | MFRDMD | - | - |
| 26. Utilization of Freshwater Fish in ASEAN Member Countries | Singapore | MFRD | - | - |
| 27. Good Laboratory Quality Management in ASEAN Member Countries | Singapore | MFRD | - | - |

III. Other program

³ TBD = To be determined by the ASWGFi.

| Other Programs | Responsible Department | 2008 | 2009 |
|--|-------------------------------------|-------------|-------------|
| 1. Promotion of Set-Net; an Eco-friendly Fishing Gear of Sustainable Coastal Fisheries Management | TD | X | X |
| 2. Information Collection for Economical Important Species: as Surimi Raw Materials | TD | X | X |
| 3. Cetacean Research in Southeast Asia Waters: Cetacean Sighting Program ⁴ | TD | X | X |
| 4. Collection of Information about International Support in the Region | TD | X | - |
| 5. Promotion of Sustainable Freshwater Aquaculture for Rural Communities (in collaboration with AQD) | SEC | X | X |
| 6. Promotion of Inland Small-scale Fisheries Management through Rights-based Fisheries and Co-management Towards Institutional Building and Participatory Approaches | SEC in cooperation with Departments | X | X |
| | | | |

IV. Pipeline Program

| Pipeline program | Responsible Department |
|---|---------------------------------------|
| 1. Community Fisheries – Strengthening Organization of Communities for Sustainable Livelihoods in Coastal Areas | Secretariat/ Islamic Development Bank |
| 2. Managing Fish Habitat and Fish Stock in the South China Sea | Secretariat/UNEP-GEP/SCS |

⁴ The program in 2008 was previously referred to as Cetacean Research in Southeast Asian Waters: Whale Watching Program

**NOTE OF THE CHAIRMAN OF THE 1ST MEETING OF
REGIONAL ADVISORY COMMITTEE ON FISHERIES MANAGEMENT
IN SOUTHEAST ASIA (RAC)**

22 to 24 September 2008, Bangkok, Thailand

I. INTRODUCTION

1. The First Meeting of the Regional Advisory Committee on Fisheries Management in Southeast Asia (RAC) was organized from 22 to 24 September 2008 in Bangkok, Thailand. The Meeting was attended by the RAC standing members and representatives from Brunei Darussalam, Cambodia, Indonesia, Japan, Lao PDR, Malaysia, Myanmar, the Philippines, and Thailand; the Senior staffs from SEAFDEC Secretariat, TD, AQD and MFRDMD. The Consultation was also attended by a representative from the Food and Agriculture Organization (FAO) Headquarters.

II. ELECTION OF THE CHAIRMAN

2. As proposed by the RAC standing member from the Philippines and Myanmar, Mr. Pirochana Saikliang, RAC standing member from Thailand, was unanimously elected as the Chairman of RAC. Based on the RAC organizational structure, the chairmanship of RAC would be on an annual rotational basis.

III. DISCUSSION ISSUES AND INITIATIVES ON FISHERIES MANAGEMENT

3. The Consultation discussed the issues and initiatives relevant to fisheries management in the Southeast Asian region in order to come up with the necessary Policy recommendations corresponding to each issue to be brought forward to the SEAFDEC Council for consideration. The issues and initiatives are as following:

- Regional Plan of Action (RPOA) to Promote Responsible Fishing Practices including Combating Illegal, Unreported and Unregulated (IUU) Fishing in the Region
- Fisheries Licensing
- Offshore Fisheries Management
- Data and Information
 - Fishery Statistics and Information in Support of Fisheries Planning and Management
 - Regional Framework for Tuna Information Collection in the Southeast Asian Region
- Aquaculture Feeds and Utilization of Fishery Resources
- Utilization of the M.V. SEAFDEC 2 for Sub-regional Fisheries Survey
- Coastal Fisheries Management

4. Based on the presentation and discussion on the issues and initiatives relevant to fisheries management in the region, the Committee developed and adopted the Regional Policy Recommendations to Improve Fisheries Management in Southeast Asia (2008). The Committee agreed that the current RAC Chairman would submit such Recommendations to the forthcoming Meeting of the SEAFDEC Council in early 2009. In addition, the

Committee also suggested that SEAFDEC could also provide the outcomes from the RAC Meetings to the SEAFDEC Program Committee during its annual meeting for reference. The proposed regional policy recommendations to improve fisheries management in the Southeast Asia are as follow:

PROPOSED REGIONAL POLICY RECOMMENDATIONS TO IMPROVE FISHERIES MANAGEMENT IN SOUTHEAST ASIA

In response to the current declining status of the world fishery resources due to the unsustainable utilization, concerns were expressed by the international society that the current fisheries management framework and practices should be improved. In line with such concern and to ensure sustainable management of fisheries in the Southeast Asian region, the SEAFDEC Council during its 40th Annual Meeting held in 2008 in Bali, Indonesia endorsed the establishment of the Regional Advisory Committee on Fisheries Management in Southeast Asia (RAC) as the subsidiary body of the SEAFDEC Council. The main role of RAC is to provide technical/scientific advice to the SEAFDEC Council for the improvement of fisheries management in Southeast Asia for assisting the SEAFDEC Member Countries in achieving sustainable utilization of fisheries resources through improved fisheries management for food security, sustainable livelihoods of the people, and economic development and integration in Southeast Asia,.

RECOMMENDATIONS ON REGIONAL FISHERIES MANAGEMENT ISSUES

In order to identify and discuss the important fisheries management issues of the Southeast Asian region and develop the regional policy recommendations to improve fisheries management, the First Meeting of the Regional Advisory Committee on Fisheries Management in Southeast Asia (RAC) was organized from 22-24 September 2008 in Bangkok, Thailand. During the Meeting, the RAC reviewed and identified the priority issues relevant to fisheries management of the Southeast Asian region that emerged during the recent years, as well as proposed the required policy recommendations for consideration by the Council:

1. Promotion of Innovative Fisheries Management

- Southeast Asian Countries should consider applying management approaches applicable for tropical fisheries, e.g. rights-based fisheries (co-management using group user rights for small-scale fisheries exploiting local stocks, and fisheries licensing for commercial fisheries), delegation of management responsibility to local level and resource users, institutional building for fisheries management at local level, involvement of stakeholders, etc., where appropriate, to enhance the effectiveness of fisheries management.
- Regional Guidelines on Fisheries Licensing in the Southeast Asian Region should be further developed to support responsible fishing practices and reduction of fishing capacity. In this regard, a Technical Working Group should also be established to provide technical input to the Guidelines.

2. Exploration for Potential Fisheries Resources and Sustainable Utilization

- SEAFDEC should continue to collaborate with Member Countries in the exploration of potential fishery resources in the region, and investigate the appropriate fishing gears and techniques as well as the social-economic feasibility studies.

- In order to support the assessment of fisheries resources in sub-regional areas e.g. Sulu Sea, Celebes Sea, Andaman Sea and some part of the South China Sea, the M.V. SEAFDEC 2 could be utilized in conducting fishery resources survey.
- Technical Working Group(s) should be established to develop appropriate fisheries management for shared stocks and highly migratory species (e.g. tunas, neritic tuna and important small pelagic species) as well as under-utilized resources (e.g. oceanic squid, demersal fish resources in untrawlable and deep fishing grounds), taking into consideration the outcomes from research studies undertaken by SEAFDEC and information available from countries and other organizations (e.g. FAO, UNEP-GEF, etc.), to ensure sustainable exploitation of the resources for further consideration by RAC and SEAFDEC Council, respectively.
- Southeast Asian Countries should support the implementation of Regional Framework for Tuna Information Collection in the Southeast Asian Region, in order to enhance the collection of data and information on capture of tunas including neritic tuna species for future support on the management of tuna resources at national and sub-regional level. In addition, all countries should also develop appropriate national mechanism to collect information on tuna fisheries.
- SEAFDEC should develop the appropriate fishing gear and post-harvest technology for Oceanic squid fisheries targeting Purpleback flying squid which are identified as potential fisheries resources in the deep areas of the Southeast Asian waters.

3. Promotion of Aquaculture and Feed Management

- Southeast Asian countries should consider developing a balanced management policy in fisheries and aquaculture considering the impact of aquaculture to fisheries especially for securing the required feeds.
- Southeast Asian Countries should initiate national efforts to investigate such impact.
- SEAFDEC in collaboration with Member Countries should explore the possibility of conducting activities to study the impact of aquaculture on local food security especially on the use of low-value fish.
- The Technical Working Group could be established to specifically discuss and develop appropriate technical recommendations on the priority fisheries management issues relevant to aquaculture.

4. Data and Information

- Southeast Asian Countries in collaboration with SEAFDEC should exchange data and information and maximize the use of data and information for supporting fisheries management actions including fisheries statistics, fisheries indicators, outcomes from ports monitoring and research studies/surveys, etc.
- SEAFDEC should provide regional framework/platform to facilitate information gathering, sharing and exchange on priority fisheries management issues of the region

5. Supporting the implementation of RPOA for Responsible Fishing Practices Including Combating Illegal, Unreported and Unregulated (IUU) Fishing in the Region

- SEAFDEC should continue to provide scientific and technical advice and assistance to the Member Countries particularly in supporting the implementation of responsible fishing practices in the region and the effort to increase the public's awareness regarding the laws and regulation to improve compliance.

- Southeast Asian Countries should strengthen their monitoring and control system, and further coordinate with neighboring countries in the region to implement the required activities/measures to combat IUU fishing, including coordinated surveillance activities.

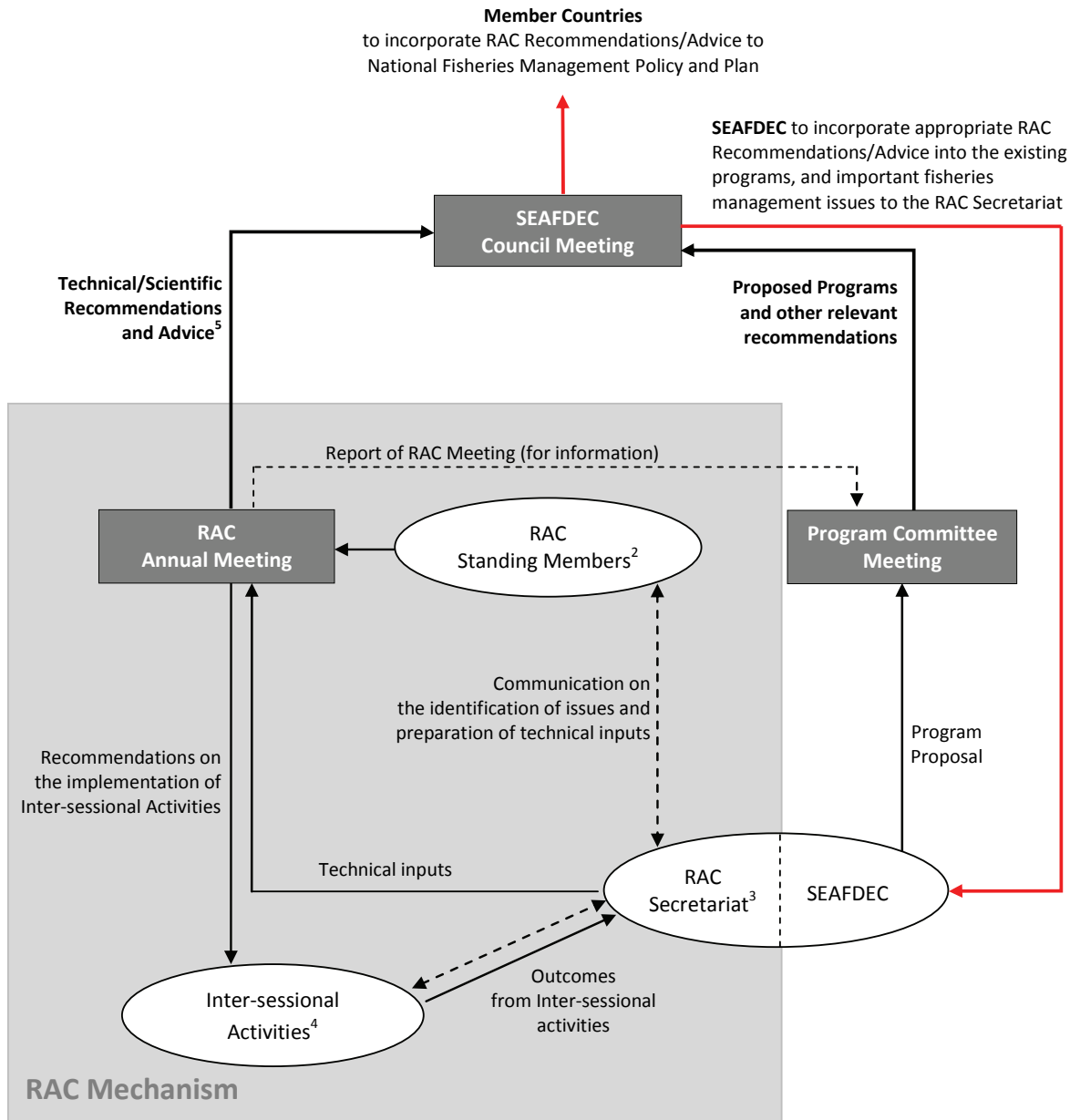
REQUIRED ACTIONS

- SEAFDEC should establish coordination and partnership with other international/regional organization in future development of recommendations on priority fisheries management issues
 - SEAFDEC to seek funding support from external budgetary sources to support the conduct of required Technical Working Group meetings as suggested by RAC.
5. The Committee also took note of the mechanism of RAC in relation to the SEAFDEC annual working cycle, and provided recommendations to enhance the effectiveness of future RAC meetings and other relevant activities. (see *Appendix I*)

IV. REQUIRED CONSIDERATION BY SEAFDEC COUNCIL

6. The SEAFDEC Council is requested to consider the regional policy recommendations as prepared and proposed by the RAC.
7. The Council may further provide policy guidance and suggestions on the actions to be further undertaken by the SEAFDEC Member Countries and by SEAFDEC Secretariat and Departments under the existing program framework.

WORKING MECHANISM FOR THE REGIONAL ADVISORY COMMITTEE ON FISHERIES MANAGEMENT IN SOUTHEAST ASIA (RAC)¹ IN RELATION TO THE SEAFDEC ANNUAL WORKING CYCLE



Remarks

- 1 Establishment of RAC was endorsed by the 40th Meeting of SEAFDEC Council in 2008 as a subsidiary body of the SEAFDEC Council
- 2 RAC Standing Members comprise 11 members from SEAFDEC Member Countries
- 3 RAC Secretariat include SEAFDEC Secretariat and the Departments
- 4 Inter-sessional Activities could be Technical Working Group Meetings (with participation of RAC Secretariat, representatives from Member Countries, experts and representatives from relevant international/regional organizations) or other activities as recommended by RAC
- 5 Outcomes from the RAC Annual Meetings will be presented to SEAFDEC Council by the Chairman of RAC

**NOTE OF THE CHAIRMAN OF THE FISHERIES CONSULTATIVE GROUP
(11TH FCG) OF THE ASEAN-SEAFDEC STRATEGIC PARTNERSHIP (ASSP)
ON THE RESULT OF THE ELEVENTH MEETING**

6-7 November 2008, Singapore

The Meeting of Fisheries Consultative Group (11th FCG) of the ASEAN-SEAFDEC Strategic Partnership (ASSP) was held from 6 to 7 November 2008 in Singapore with the main objective of discussing the programs and activities under the ASSP-FCG fisheries collaborative mechanism, the progress and activities under the ASEAN-SEAFDEC Strategic Partnership, as well as policy considerations on important issues.

On the follow-up actions to the directives given at the Tenth ASEAN-SEAFDEC FCG Meeting in December 2007, the Fortieth SEAFDEC Council Meeting in April 2008, and the ASEAN Bodies Related to Fisheries on issues of common interest to the ASEAN and SEAFDEC. The Meeting was updated on the progress of the ASEAN Community in Integration process, as well as the key ASEAN challenges in fisheries as basis for future ASEAN-SEAFDEC cooperation, which include: 1) Economic Community Integration through trade facilitation and implementation of sanitary and phyto-sanitary (SPS) measures; 2) Socio-Cultural Community Integration by enhancing contribution of fisheries to poverty alleviation, livelihoods, environmental conservation, and food security; and 3) Cross-cutting issues, i.e. illegal fishing, impacts of climate change to fisheries, etc.

In future collaboration, the Meeting was informed that some possibilities of funding support to activities under the ASEAN-SEAFDEC program framework could be through the dialogue partners. Along this line, the ASEAN Secretariat was requested to raise the issue during the next Meeting of ASWGF_i for consideration and guidance.

Under the *ASEAN-SEAFDEC Strategic Partnership (ASSP) and Fisheries consultative Group (FCG) Collaborative Programs*, the Meeting endorsed the progress and achievements of the activities implemented under the ASSP-FCG Mechanism in 2008 and the proposed programs for 2009 on “Human Resource Development (HRD) for Poverty Alleviation and Food Security by Fisheries Intervention in the ASEAN Region”. For future implementation of all programs, the Meeting made the following recommendations:

- Indonesia in consultation with SEAFDEC, to prepare the preliminary project proposal on *Community Fisheries – Strengthening Organization of Communities for Sustainable Livelihoods in Coastal Areas* using the ASEAN format for submission to the Islamic Development Bank (IDB) through the ASEAN Secretariat. In addition, the elements relevant to enhancing coastal community resilience in the non-funded projects on Rehabilitation of Fisheries Resources and Habitats/Fishing Grounds through Resource Enhancement, and the Use of Indicators for Sustainable Development and Management of Capture Fisheries in the ASEAN Region should also incorporated into such a proposal.
- SEAFDEC MFRD to submit a proposal incorporating Good Laboratory Quality Management in ASEAN Member Countries to the ASEAN-Australian Development Cooperation Program (AADCP) for funding. This project could in part enhance the national residual control plan of respective Member Countries to enable them to continue exporting products to the EU through a training program.

Under the progress of the *proposals implemented under ASSP*, the Meeting was informed that:

- The proposed establishment of the *Ad hoc* Working Group on the ASEAN Roadmap for Integration of the Fisheries Sector was endorsed by the Special SOM-29th AMAF Meeting. the renaming of the *ASEAN Regional Fisheries Management Mechanism* (ARFMM) to the ASEAN Fisheries Consultative Forum (AFCF) was agreed at the SOM-30th AMAF Meeting, as well as its background, functions and responsibilities, mechanism, area of competence, and organization of the AFCF;
- Within the framework of the ASWGFi, the ASEAN Fisheries Consultative Forum Body (AFCFB) would be established;
- A preparatory meeting of the AFCF will be organized by Thailand as an Interim Secretariat of the AFCF in early 2009 in order to discuss the management and outline work plan of the AFCF. Once developed, the AFCF work plan will be submitted to the ASWGFi for consideration and endorsement;
- Thailand will organize the *ASEAN Shrimp Alliance* (ASA) Annual Meeting in early 2009 prior to the 17th ASWGFi Meeting, in order to discuss and consider the issues, activities and programs as well as to find ways and means to guide the ASA to attain its objectives and goals, and the ASA Seminar on Shrimp Standard would also be organized in 2009; and
- The ASSP Portal Website shall be established as recommended by the 16th ASWGFi Meeting to enhance the visibility of activities undertaken under the ASSP framework and would serve as a Portal Website that links to the SEAFDEC and ASEAN websites. The ASSP Portal Website could be officially launched upon endorsement by the SEAFDEC Council and ASWGFi.

Based on the aforementioned update, the Meeting recommended that:

- In case financial support to organize the *Ad hoc Working Group Meeting in 2009* could not be provided by SEAFDEC, the ASEAN Member Countries should secure their own funding support to be able to participate in the Meeting, and
- the *ASEAN Shrimp Alliance* (ASA) Website to be linked with the ASSP Portal Website.

Under the *policy consideration on ASEAN important issues*, the Meeting discussed and recommended the following:

1) Issues on Climate Change and Its Impact on Fisheries and Aquaculture

The Meeting took note of the “Required Adaptive Measures to Mitigate the Impacts of Climate Change to be undertaken by SEAFDEC and the National Agencies Responsible for Fisheries in the Member Countries” as the outcomes from the ASEAN-SEAFDEC Regional Technical Consultation on Emerging Regional Fisheries Policy organized from 15 to 16 July 2008 in Bangkok, Thailand, and the proposal developed by Indonesia on “ASEAN Strategy in Addressing the Impact of Climate Change on Agriculture, Fisheries and Forestry, which has already been submitted to and agreed in principle by the 30th Meeting of AMAF.

The Meeting suggested that:

- SEAFDEC to further explore the possibility of initiating the conduct of scientific conference to identify and collect relevant scientific information that could be used for the refinement and finalization of the proposed Required Adaptive Measures; and further coordinate with Indonesia as the ASEAN Lead Country and other ASEAN Countries.

2) Implementation of the Code of Conduct for Responsible Fisheries (CCRF) in Southeast Asia

The Meeting suggested that:

- the Member Countries should make full use of the Regional Guidelines on the CCRF in Southeast Asia as a guiding principle, and for the countries to continue promoting the implementation of the CCRF at the national level.

3) Fish Trade Related Issues

The Meeting took note of the recently imposed market driven measures including the US Magnuson-Stevens Reauthorization Act (MSRA) and the EU regulation to control IUU fishing by preventing the IUU products, which will take effect on 1 January 2010. In this regard, the Meeting reiterated the concerns on such market driven measures which have been expanded from product quality and safety to sustainability of fisheries.

With regards to the EU Catch Documentation, the Meeting suggested as follows:

- SEAFDEC should provide assistance to the Member Countries to be able to comply with the EU requirement for a catch document
- SEAFDEC should conduct an in-depth study and organize a Regional Technical Consultation on the issue; and
- Countries that are affected by the EU Catch Document requirement should consult with the Trade-related Agencies in their respective countries to find the best option to address the issue.

4) Fisheries Subsidies

The Meeting noted that a number of proposals are being submitted to the Chair, the revised draft consolidated Chair's text of the Agreement on Subsidies and Countervailing Measures may not yet be ready for the next round of the WTO Negotiating Group on Rules.

5) Technical Guidelines on Aquaculture Certification

The Meeting suggested that a Joint Statement of the Southeast Asian countries to support the adoption of the Technical Guidelines on Aquaculture Certification may be developed to serve as the collective position of the region on the Guidelines. In addition, the representative from Thailand agreed to develop the Joint Statement for consideration by all Southeast Asian countries.

6) Poaching of Sea Turtles

The Meeting took note of the report on poaching of sea turtles in the Southeast Asian waters and recommendations at the Third Regional Technical Consultation Meeting on Research for Stock Enhancement of Sea Turtles. The Meeting strongly agreed that actions should be undertaken as the poaching of sea turtles has undermined the commitment of the ASEAN Member Countries to implement the ASEAN MoU on Sea Turtle Conservation and Protection (1997) and the effort of the ASEAN-SEAFDEC Member Countries in the conservation and management of the sea turtles. The Meeting made recommendations as follow:

- The issue on poaching of sea turtles should be raised by SEAFEC at the next meetings of SEAFDEC Council and ASWGFi for consideration and to bring up the matter to the AMAF and AMAF+3;
- Awareness building should also be enhanced and attention should also be sought from the trade-related sectors to address/solve the problem; and
- SEAFDEC should also formulate a regional program to address the issue, such as the collection of information on the status of the poaching of sea turtles in the region.

7) Issues related to Small-Scale Fisheries

Considering the importance of the issue on small-scale fisheries in the region, the Meeting agreed as follows:

- *At international level*, to support the development of a Global Program on Small-scale Fisheries within the umbrella of FAO, and the establishment of the FAO Sub-Committee on Small-Scale Fisheries.
- In this regard, the Meeting suggested that a Joint Statement from the Southeast Asian countries could be formulated expressing support to the establishment of the Sub-Committee. The Meeting also requested that as soon as the approval of the joint statement is confirmed by all countries, Thailand *in collaboration with Vietnam* should develop the draft Joint Statement and circulate such draft to the Southeast Asian countries for final consideration and endorsement in order to present this Joint Statement at the FAO/COFI Meeting.
- *At regional level*, to include small-scale fisheries as an area of cooperation between ASEAN and SEAFDEC under the ASSP Program. Such program should not be too comprehensive and too broad, and should clearly specify the scopes and nature, in order to be linked to possible funding sources.

In conclusion, the Meeting agreed to submit the proposals and recommendations concluded at this Meeting for consideration at this meeting of SEAFDEC Council and the forthcoming meeting of the ASEAN Sectoral Working Group on Fisheries for their consideration and further provide guidance on both program and policy matters.

PROMOTIONAL AND FOLLOWING UP PROGRAM ON THE IMPLEMENTATION OF THE CODE OF CONDUCT FOR RESPONSIBLE FISHERIES IN SOUTHEAST ASIA

BACKGROUND

Since the adoption of the Code of Conduct for Responsible Fisheries (CCRF) by FAO members in 1995, SEAFDEC supports the implementation of the CCRF and upholds the general principles and standards provided therein, with the effort in initiating a comprehensive program known as the Regionalization of the Code of Conduct for Responsible Fisheries which covered a wide range of sub-sectors such as fishing technology and practices, aquaculture, post-harvest technology and trade and fisheries management. The original framework of the program on *Regionalization of the Code of Conduct for Responsible Fisheries in Southeast Asia* which covers the components on 1) mainstreaming the Regional Guidelines, and 2) capacity building for the implementation of the CCRF in the Region. The set of regional guidelines were published, disseminated and used by Member Countries as framework for the promotion of responsible fisheries. Subsequently, the Member Countries is requested to make full use of the Regional Guidelines on the CCRF in Southeast Asia as a guiding principle, and for the countries to continue promoting the implementation of the CCRF at the national level. In follow up on the need for human resources development as a vital part of any program on the implementation of CCRF, SEAFDEC conducted meetings and on-site training courses to promote the implementation of CCRF. The principles are well accepted, although not fully implemented, suggestions have been made to change the program title to “Support to the Implementation of Code of Conduct for Responsible Fisheries”.

The progress of the support to implementation of the CCRF by SEAFDEC and member countries and the outcomes from the meetings as well as the priority needs and recommendations for future implementation of the CCRF as identified during the meetings have been reported to the **31st Meeting of SEAFDEC Program Committee** (3-5 November 2008, Singapore) and the **Meeting of Fisheries Consultative Group (11th FCG) of the ASEAN-SEAFDEC Strategic Partnership (ASSP)** (6-7 November 2008, Singapore).

In addition, to the support to be provided to Member Countries in the overall implementation of CCRF, SEAFDEC was requested to assist the Meeting Countries in the implementation of the Regional Plan of Action on Responsible Fishing Practices including Combating IUU fishing in the Region subject to policy support from the SEAFDEC Council. SEAFDEC was also requested to provide assistance in reducing the gap among member countries in the implementation of IPOAs on IUU fishing and Over-capacity. SEAFDEC have been involved to “provide advise” to the Coordination Committee meeting of RPOA, in Manila, 28-30 April 2008. The Committee Meeting praised SEAFDEC for the work being done on the Gulf of Thailand “sub-region” a, and confirmed a leading role of Thailand, with support of SEAFDEC-Sida project, in the Gulf of Thailand and adjacent waters. Consequently, SEAFDEC with funding support from the Swedish International Development Cooperation Agency (Sida) organized the **Sub-Regional Meeting on the Gulf of Thailand** in Bangkok, Thailand from 24 to 26 February 2009, aimed to review and come up with recommendations on the various concerns relevant to fisheries management in the context of the Gulf of Thailand Sub-region that include fishing capacity, IUU fisheries, vessel registration, etc.

With effort in promoting the CCRF in Southeast Asia, SEAFDEC still continue implementing to achieve and ensure that fisheries development in the region and harmonized with global initiatives as well as with the sustainable and responsible approaches.

SUPPORTING THE IMPLEMENTATION OF THE CCRF IN THE ASEAN MEMBER COUNTRIES

The program activities for Swedish support were formulated with the objectives to: 1) support the establishment of a regional fisheries management body/mechanism in Southeast Asia; 2) improve capacity for the management of fisheries and important coastal fisheries (*refugia*), and the protection against natural hazards built up and improved in and around the Gulf of Thailand (Cambodia, Vietnam and Thailand); and 3) understand the size and structure of large-scale (or industrial) fisheries, and strengthen capacity to monitor and record active fishing efforts in coastal fisheries as basis for the development and implementation of coordinated plans for management action on fishing capacity among the ASEAN-SEAFDEC Member Countries (both large and small scale fisheries). The activities focus on the following:

- **Establishment of Regional Fisheries Management Mechanism**

With the directives given to SEAFDEC through recommendations provided by the SEAFDEC Council, the ASWGFi, and the ASEAN SOM-AMAF, the project could successfully continue the promotion of regional management arrangements.

Based on the positive response and request from the Special SOM-29th AMAF (5 to 8 August 2008), SEAFDEC in collaboration with the Department of Fisheries, Thailand organized an Ad-Hoc Working Group Meeting ASEAN Regional Fisheries Management Mechanism (ARFMM) Meeting from 29 to 30 September 2008 in Bangkok, Thailand. Member Countries, together with resource persons, agreed on recommended changes to the TOR for the ASWGFi together with the development of a “Framework” with the function, scope of work and activities for the ARFMM. Subsequently, At the SOM-30thAMAF Meeting held in Hanoi, Vietnam (20-21 October 2008,) agreed to change the title of the ASEAN Regional Fisheries Management (ARFMM) into **ASEAN Fisheries Consultative Forum** (AFCF). It is expected that in 2009, through SEAFDEC-Sida project and in close consultation with the ASEAN Member countries, the work plan of AFCF would be further explored and undertaken.

- **Sub-regional Cooperation on Fisheries and Habitat Management**

In the consultations leading up to the framework for the ARFMM, later renamed by the Som-30th AMAF to AFCF, recommendations were that an ASEAN wide management mechanism would benefit of programs and activities implemented at sub-regional level. This benefits the cooperation at various levels and it provides opportunities to accommodate specifics and different needs between areas like the Mekong, the Andaman Sea and the Gulf of Thailand. The rationale for a sub-regional approach in support of regional objectives has also been promoted by the RPOA. The project have so far been able maintain its focus on the ASEAN partnership while develop links to the RPOA and to UNEP/GEF South China Sea Project. So far the main emphasis has been on the Gulf of Thailand, while at the same time follow some of the developments in the Sulu-Sulawesi Sea and entered a dialogue with the Mekong River Commission (Fisheries Program). Through the SEAFDEC-Sida project plans have been made for activities with a focus on the Andaman Sea based on earlier sequence of on-site training. Activities on the Andaman should start in the second half of 2009.

On the Gulf of Thailand two events have been successfully organized (end of March 2008 and February 2009) and some of the results are referred to under other headings in this section, but in summary of the February 2009 meeting forward looking recommendations were provided on vessel record and inventory, port monitoring, MCS-network, sub-regional cooperation on combating IUU, cooperation on trans-boundary fisheries and habitat management, dialogue on fisheries laws and legal matters and the promotion of bi- and trilateral dialogue. The Meeting also discussed, and agreed (partly) on condensed definition on IUU fishing as a reference for the continued work of the Gulf of Thailand Group.

- **Habitat and Fisheries Management**

In consultation with regional partners and countries criteria was developed to determine the size of national, sub-regional and trans-boundary areas of the significance. The recommended criteria were:

- To build upon an aggregation of smaller management areas, which established for local fisheries or habitat management;
- To recognize the existing zoning schemes such as trawling free zones; and
- To take note of the seasonality in fishing and fish migration/spawning, etc.

During 2008, there has been follow up with working groups of UNEP/GEF/SCS project in the development of (project) plans for the establishment of *refugia* in the Gulf of Thailand and South China Sea. The project has also been to promote the concept of “Integration of Fisheries Management into Habitat Management” in international fora, such as the AEHMS Conference on Ecosystems Approach to Fisheries in Hanoi, 18 – 20 February 2008. The project also, jointly with the Japanese Trust Fund, supported a RTC, 15 – 16 July 2008, on emerging policy issues with a special focus on climate change with inputs on impacts to fisheries and habitats. A note on climate change is that approaches suggested for the habitat and fisheries management are also relevant to “**climate change and adaptation**”. However, some adjustments of the reporting and related indicators would be needed.

- **Incentive for Sustainable Fishing/eco-labels**

Results in summary from the various events with respect to the role of government on eco-labeling in Southeast Asia are:

- On the role of the government: The message is clear in that there is a role for the government;
- The critical element is the process of certification, the setting of standards and criteria and the establishment of certifying body that would not be too costly; and
- Certification schemes could be developed out of less “ambitious” schemes and not necessarily directly aim for “third party” schemes and in various ways it is assumed that the government would play an important role.

Having some moving forward, SEAFDEC organized the one-day national Workshop on Certification and eco-labelling (30 January 2009), aimed to provide basic knowledge and information to concerned officers for their better understand together with information on where branding schemes and development of labels, especially eco-labels, fits into the picture and took the opportunity shared buyer’s perspective on certification and eco-labelling in order to consider for future plans and implementation of recommended programs.

- **Size and Structure Large-scale Fisheries and Monitor and Record Coastal Fisheries**

Through the participation in the RPOA meeting on MCS, held in Bali from 4-6 March 2008, the lack of information on key elements of size and structure was confirmed. SEAFDEC-Sida project has in connection with these events, been involved in the review on MCS practices. These are often weak with unclear institutional responsibilities. A recommendation is to look at the institutional responsibilities among member countries for the different elements of the M-C-S process. As on Gulf of Thailand had been identified as a sub-regional, SEAFDEC organized a Gulf of Thailand Workshop (end of March 2008). The scope was broader than just MCS and a broad set of recommendations were provided. The result was well acknowledged by the RPOA Coordinating Committee (Manila, April 2008) and the (advisory) involvement of SEAFDEC was recognized.

To further promote work on sub-regional arrangements for the Gulf of Thailand, the second Sub Regional Meeting on Gulf of Thailand organized in Bangkok from 24-26 February 2009. The Meeting agreed to request the countries to study the contents of the draft Matrix in order to develop the institutional responsibility matrix for the MCS Network.

Furthermore, another attempt is to improve a fishing vessel registration system in ASEAN Member Countries. After the “Expert Meeting on Fishing Vessel Registration” held in Phuket, Thailand (30 June-2 July 2008), several points were discussed in the Meeting. The development of regional fishing vessel registration systems could be an area for regional cooperation, while taking note that diversity and limitations of national structures would be something to address. A first step could be to find out common elements and information that is publicly available. In following up this issue, it was later discussed in the Sub Regional Meeting on the Gulf of Thailand (24-26 February 2009). SEAFDEC-Sida project proposed a draft survey form on vessel record and inventory, which was aimed at assessing the extent of available information in each country in the Gulf of Thailand for regional information sharing. Recommendations were made and SEAFDEC-Sida project will further make amendment on the draft survey form before circulating the form to the countries in the Gulf of Thailand. The survey form will be followed up at next ASEAN-wide meeting on vessel registration (vessel record and inventory) with an aim to reach out to all ASEAN Countries.

REQUIRED ACTIONS BY SEAFDEC COUNCIL

The Council is requested to: 1) take note of activities support to the implementation of the CCRF by SEAFDEC and Member countries, and the outcomes from the meetings; 2) endorse the recommendations made by the 31st SEAFDEC Program Committee Meeting and the Meeting of Fisheries Consultative Group (11th FCG) of the ASEAN-SEAFDEC Strategic Partnership (ASSP), and 3) provide policy direction for future promotion of the CCRF in Southeast Asia.

EXECUTIVE REPORT ON INTERNATIONAL FISHERIES ISSUES (2008-2009)

I. INTRODUCTION

1. Past and present, SEAFDEC in close collaboration with the Member Countries have continuously promoted sustainable fisheries development in Southeast Asia, in which the issues cover wide range of aspects as well as implementation of international instruments related to fisheries. SEAFDEC has also provided regional fora to discuss on emerging international fisheries-related issues that would impact to the future of regional fisheries sustainability. The agreed positions and views of the Southeast Asian member countries on particular issues were echoed at abundant important global arena, which were considered as substantive regional way of cooperation and effective means to safeguard the regional interests.

2. Over the recent years, international discourses on fisheries issues – sustainable resource utilization, improved management and governance, responsible market and trade, and balanced eco-system treatment – have shown close inter-relationship. The recent movement towards trade and market measures for sustainability has set a new agenda of global debates on sustainable development. It is therefore important that countries in Southeast Asia are fully aware of such a movement and prepared to put in place measures to address it so as to complement to, without creating unnecessary confusion and obstacles to, the on-going regional efforts in achieving sustainable development through improved management practices. In addition, fisheries issues should no longer be addressed in isolation but considered their linkages.

3. To address the above concern, SEAFDEC Council and the ASEAN Sectoral Working Group on Fisheries (ASWGFi) adopted a new modality for regional cooperation in addressing international fisheries issues in 2007. The modality outlines roles and functions of Parties concerned, recognizing strong leadership of the ASEAN-SEAFDEC Member Countries with support from SEAFDEC as well as mechanism for the cooperation. An executive report on international fisheries related issues to be formulated and submitted to SEAFDEC Council and ASWGFi on an annual basis forms an important element of the modality. The executive report summarizes background and context of the identified issues together with policy consideration/recommendations and proposed common/coordinated positions by the Member Countries.

4. The Executive Report on International Fisheries Issues (2008-2009) was prepared based on the identified issues and the recommendations obtaining from the 11th Meeting of and Fisheries Consultative Group (FCG) of the ASEAN-SEAFDEC Strategic Partnership (ASSP) held in Singapore (6-7 November 2008), the ASEAN-SEAFDEC Regional Technical Consultation (RTC) on International Fisheries Related Issues (RTC-IFRI 2009) held in Thailand (10-12 February 2009), as well as outcomes/recommendations from relevant regional meetings, respectively. This paper intends to provide comprehensive information, regional perspectives, and coordinated positions on substantive issues for consideration by the 17th Meeting of the ASEAN Sectoral Working Group on Fisheries (ASWGFi), 3-5 June 2009.

II. ISSUES AND CONTEXT

2.1 A Legally-binding Instrument on Port State

5. The most and recent regional discussion on the issues raised by international fora/agencies and directly effect to trade in fish and fishery products as well as national fisheries administrations in the ASEAN Region is related to draft of FAO Legally-binding Instruments on Port State Measures for Combating (IUU) Fishing, which is under developing/negotiating through the FAO technical consultations. It is recognized that the issues of port State measures in association with traceability schemes would impact fishers and countries in Southeast Asia.

6. The development of Draft Agreement on Port State Measures to Deter, Eliminate the IUU Fishing including the update on FAO Model Scheme on *Port State Measures* were discussed and clarified at the Regional Workshop on Port State Measures in Southeast Asian Countries and China co-organized by the FAO, APFIC and SEAFDEC from 31 March to 4 April 2008. The Draft Agreement on Port State Measures and the outcome of FAO- APFIC-SEAFDEC Regional Workshop were used as inputs for the FAO Technical Consultations on Port State Measures held in June 2008 and its resumed session in January 2009.

7. In the course of regional discussions on such issue, the 10th ASEAN-SEAFDEC FCG meeting and the RTC on International Fisheries Related Issues 2008 addressed that the Port State Measures should only complement other measures such as the Flag State Measures in combating IUU fishing in the high seas, and it should be focused only in the high sea areas. In addition, definition or scope of fishing vessels and the implication of these measures to the Member Countries in the Region should be given clarification by FAO.

8. In accordance with the aforementioned regional discussions, the SEAFDEC Council at its 40th Meeting held in April 2008 commented that the Draft Agreement and the FAO Model Scheme especially for the regional application for the Southeast Asian Countries including the RFMOs may not properly reflect the views of the governments. It appears too onerous to implement, the Council therefore provided regional policy directives to contribute to the development of a Legally Binding Instrument on Port State Measures as follow:

- the Member Countries to carefully study the Draft Agreement and the FAO Model Scheme; and
- the Member Countries to prepare inputs and to actively participate in the future negotiation process

9. With regards to the FAO consultations, the Member Countries observed that the progress was made in slow pace due to the very nature of the instrument which is legally-binding. In addition, port State measures also intend to cover both the high seas and the EEZ waters, while the port States and flag States have their sovereign rights and national laws and regulations for their respective ports and fishing vessels. At the 28FAO/COFI, only the progress would be reported without any discussion. The finalization of the FAO port State measures would be convened in the next FAO/COFI meeting.

10. Along this line, the RTC-IFRI (2009) encouraged the countries in the region to be actively involved in the future discussion on the Legally-binding Instruments on port State measures to ensure their applicability in the region and also requested SEAFDEC Secretariat to collate the issues and context discussed during the previous regional meetings relevant to the issue, as these could be used by the Member Countries during the third round discussion or the second resumed session which will be organized from 4-8 May 2009 in FAO, Rome.

11. To undertake this issue in the future, the Member Countries expressed particular concerns on the Legally-binding Instruments on port State measures that should also be taken into account, as follows:

- The SEAFDEC Council directive for the port State measures to focus only on high seas should be reconsidered, as the coverage of port State measures now includes both the high seas and EEZs;
- A common definition/understanding on IUU fishing activities of the region, particularly the unregulated and unreported fishing, need to be established;
- Regional views on pending issues in the current Chairperson's Draft Agreement should be consulted and elaborated among Member Countries; and
- There are countries that are not yet parties to relevant international agreements, e.g. the United Nations Convention on the Law of Seas (UNCLOS), the Fish Stock Agreement, the Compliance Agreement, etc.

Suggested Actions by the Council

12. The Council is invited to take note of the progress development made on the FAO Legally Binding Instrument on Port State Measures. The Council is also requested to provide further regional directive and recommendations in response to the development of a legally-binding instrument for port State measures and the outcomes of the RTC-IFRI (2009).

2.2 EC Regulation to Prevent, Deter, and Eliminate Illegal, Unreported and Unregulated Fishing (IUU Fishing): Catch Certification Scheme

13. The EU Agriculture and Fisheries Council adopted an EC Regulation (No. 1005/2008) of 29 September 2008 Establishing a Community System to Prevent, Deter and Eliminate Illegal, Unreported and Unregulated (IUU) Fishing. The Regulation will *enter into force on 1 January 2010* which directs to the trade with the Community of fishery products obtained from IUU fishing will be prohibited. All fishing vessels and fishery products from the third countries intending to land/transship their catch or trade their products with the EU Member States, would be inspected and required to provide *catch certificate or other related documents*. This is envisaged to improve the traceability of fishery products (except freshwater and aquaculture products, and some bivalves), and facilitate the control and the compliance with conservation and management regulations.

14. As this regulation would have direct impact to the trade of fishery products of the region and several countries have limited knowledge about the Regulation, the 11th FCG-ASSP Meeting suggested that countries that are affected by the EU Catch Document requirement should consult with the Trade-related Agencies in their respective countries to find the best option to address the issue. The Meeting also suggested SEAFDEC to provide assistance to the Member Countries in compliance with the EU requirement for a catch document and to conduct an in-depth study to be discussed at the regional level. Therefore, this issue was brought up to discussion at the RTC-IFRI 2009 and the representatives from Directorate-General for Maritime Affairs and Fisheries of the EC were invited to provide clarification.

15. At the RTC-IFRI 2009, the Member Countries expressed concern on the remaining time period until 01 January 2010 would be too short to implement the necessary changes and adjustments in their national legislations and administrative procedures to be able to comply with the EC IUU regulation. In response, the Commission point out that they absolutely aware of the control systems in place or the traceability tools available in 3rd countries and only a small number of operators would export fishing products to the EU market. Those are

already well known to the authorities and respective control and monitoring measures are in place in accordance with the FAO commitments. Thus, the EC IUU Regulation does not impose or introduce new provisions in respect to conservation and management measures, but is entirely founded on the already existing monitoring and control obligations of flag States. The catch certification scheme should ensure that those already existing obligations are correctly implemented and respected as far as products are concerned which should enter the EU market.

16. On the time allowed for flag States having fishing vessels engaged in IUU fishing activities and listed in the Community IUU Vessel List, to take corrective measures in order that the states would not be identified and listed as non-cooperating third countries, it was made clear that there is no timeframe imposed but the only requirement of the EC is for countries to provide evidence that they have made adjustment and developed countermeasures in accordance with their commitment to combat IUU fishing. Such effort would result in having such countries not listed as non-cooperating third countries.

17. The Consultation particularly expressed the difficulty in the Southeast Asian region in monitoring small-scale fisheries within the EEZ of the respective countries, whether these are engaged in IUU fishing or not. It was therefore clarified that although the Regulation also covers fishing activities within the EEZ of the flag States, the catches carried out by small-scale fisheries do not considerably account within trade with the EU. The vast part of the volume of IUU fishing is carried out by large scale and industrial fisheries. Taking this into account, special provisions would be foreseen for small-scale fisheries in order to ease the burden of the catch certification scheme for them. The implementing rules would foresee that under certain conditions the certificate for such catches could be issued by the exporter, not by the individual fishermen.

18. A concern was also expressed on the re-exporting of products imported from countries that may not be able to provide catch certificates. In this regard, it would be in the responsibilities of the 3rd countries to ensure that no illegal fishery products could reach EU market. Therefore, catch not accompanied by a validated catch certificate from the flag State may not be exported to EU.

19. It was also noted that the EC is now in the process of determining the RFMOs catch documentation scheme for trading of species covered by these schemes, and whether or not such scheme could comply with EC Regulation. In addition, the EC is also working on the implementing rules in order to ensure its smooth implementation. These rules are currently being discussed in the management committee and expert group and are planned for adoption in mid 2009. The commission will also publish guidelines to provide practical advices on the application of the Regulation both for administrations and operators. In Southeast Asian Region, the Regional Seminar to be organized by the European Commission in Vietnam in May 2009 with the objective of providing information on the EC IUU Regulation to relevant governmental authorities.

20. The certification scheme aims to ensure product traceability at all stages of production, from catch – to processing and transport-to market, such scheme would facilitate the flag State authorities in validating the performance of the operator according to the conservation and management rules. It is indeed important that the Member Countries, especially those are trading fish and fishery products to the EU market, should ensure their effective implementation of existing national conservation and management measures. In addition, the countries that raw materials of fishery products originate from catches of small-scale fishermen should therefore find ways and means to correspond with the EC catch

certificates. The required preparation to comply with the EC catch certification scheme could be done through the consultation with EC.

Suggested action by the Council

21. The Council is requested to take note of the implication of the EC IUU Regulation and its requirement for the catch documentation schemes. The Council is also invited to provide policy guidance to the Member Countries to comply with the EC catch documentation scheme and how SEAFDEC could assist the countries in this matter. The Council may wish to urge the Member Countries in ensuring the implementation of existing conservation and management measures.

2.3 Small-scale Fisheries

22. In order to create common understanding and harmonize regional approach to support small-scale fisheries sub-sector in Southeast Asia, SEAFDEC in collaboration with the Member Countries convened the Regional Technical Consultation on Small-scale Fisheries in Southeast Asia from 29 April to 2 May 2008 in Bangkok, Thailand. As a result, the Consultation concurred that there is a need for the ASEAN Member Countries to formulate policy recommendations to serve as a basis for future support to small-scale fisheries in the region, and also agreed with the ***“Coordinated Position for the Promotion of Small-Scale Fisheries in Southeast Asia”***.

23. The Coordinated Position was endorsed by the 16th Meeting of ASEAN Sectoral Working Group on Fisheries (ASWGFi) held on 21-23 May 2008 in Bangkok, Thailand. It was agreed that there is the need for sustainable development and management of small-scale fisheries, in accordance with respective member countries' national priority, culture, social, economics, and environmental condition, in order to ensure the sub-sector's multi-functionality and its contribution to national economy, local food security, sustainable livelihoods, poverty alleviation, and provide job opportunities.

24. The issues in relevant to small-scale fisheries were highlighted again at the ASEAN-SEAFDEC Strategic Partnership (ASSP) and Fisheries Consultative Group (11th FCG) Meeting held on 6 to 7 November 2008, in Singapore. The Member Countries supported the development of a Global Program on Small-scale Fisheries within the umbrella of FAO, and the establishment of the FAO Sub-Committee on Small-Scale Fisheries. This issue was also supported by the Member Countries at the RTC-IFRI (2009). The RTC addressed that the development of such global program requires clear concept, objectives, components, and elaboration on how the global program would be implemented noting the wide ranges of stakeholders.

25. At the 28FAO/COFI, Thailand as the co-organizer of the October 2008 Global Conference on Securing Sustainable Small-scale Fisheries: Bringing Together Responsible Fisheries and Social Development would present the outcomes from the Global Conference. The Member Countries in this regards agreed that the existing Coordinated Position for the Promotion of Small-scale Fisheries could be used as a basis for preparation of Member Countries input at the 28FAO/COFI Meeting.

26. The RTC, while reaffirming the importance of the contribution of small-scale fisheries to food security and poverty reduction in the region, requested that a Workshop should be organized to revisit important small-scale fisheries issues, e.g. defining regional common/harmonized definition of SSF, reviewing the on-going program/activities on small-

scale fisheries and aquaculture as well as sharing experiences on best practices, planning for future directions/activities to support the small-scale fisheries of the region. The proposed Workshop should also address the global concerns and situations relevant to small-scale fisheries, e.g. the global economic crisis, fisheries subsidies, IUU fishing, etc.

27. Apart from the abovementioned progress, SEAFDEC has also developed a regional website on small-scale fisheries in the Southeast Asian region (<http://sea-ssf.net/>) to promote the regional initiatives on small-scale fisheries. In course of mobilization of the website to support small-scale fisheries at the grassroots and local levels, the Member Countries agreed that national websites could be established by the Member Countries to promote national initiatives and enhance the sustainable development and management of small-scale fisheries at the national and local levels. In this regard, the regional website is envisaged to supplement the national websites, and is considered as a comparative advantage for development of national sources of information in order to support coordination work at the national level.

28. In connection to SEAFDEC initiatives, the RTC encouraged countries to provide information, and identify the relevant websites of countries to be linked with the regional SSF website. In addition to that the regional SSF website should be publicized during the 28FAO/COFI Meeting, e.g. through the development/dissemination of brochure, organizing side event to introduce the website, etc.

29. Considering the great contribution from small-scale fisheries and a large number of fishers involved in this region, thus support and intervention from the government is necessary in ensuring the well-being of the small-scale fishers and the sustainability of the sector. Therefore, collaboration among the SEAFDEC Member Countries in reflecting an importance of small-scale fisheries and drawing attention from the global arena to support this sector is deemed important. This is in order to safeguard the regional benefit and against any unfair treatment that may provide adverse impact to the sustainability of small-scale fisheries.

Suggested Action by the Council

30. The Council is invited to take note on the regional initiatives and effort on the promotion of small-scale fisheries in Southeast Asia and provide guidance/directions for future follow-up actions/activities to be undertaken by the Member Countries and SEAFDEC.

2.4 Aquaculture Certification

31. With an increasing demand of aquaculture products, the need in response to environmental mitigation and consumer protection seems accordingly stringent and immensity. To secure better market access, there is increasing interest in certification of aquaculture production systems, practices, processes and products from aquaculture. A number of certification schemes have been issued by both government and private sectors, which created burden and confusion for many producing countries on duplication of standards and certification schemes. Along this line, FAO were requested to develop a more globally accepted norms and standards for aquaculture production, which could provide better guidance and serve as a basis for improved harmonization and facilitate mutual recognition and equivalence of aquaculture certification schemes. Series of regional expert consultations/workshops to develop the international “*Guidelines for Aquaculture Certification*” have been conducted since 2007.

32. During the 11th FCG-ASSP Meeting, Thailand was requested to prepare a draft *ASEAN Statement to jointly support the need of FAO Technical Consultation on Aquaculture Certification Guidelines*, such Consultation aims to finalize the draft Guideline based on the outcomes of FAO regional workshops. Thailand informed the Member Countries at the RTC on International Fisheries Related Issues (2009) that a last revision of the Guidelines to be sent to FAO members by 31 March 2009. During its 28th session in March 2009, COFI will be requested to consider delegating to the technical consultation authority to finalize and adopt the guidelines.

33. In this regard, Thailand, instead of the provision of ASEAN Statement as being appointed, provides a *draft common ASEAN position* and urged all member countries, a majority as producing countries to actively support the technical consultation for the finalization of the guidelines. However, as many countries have not seen and studied the guidelines yet, therefore countries are requested to study the guidelines in order to provide their views at the 28FAO/COFI Meeting.

Suggested Action by the Council

34. The Council is invited to take note on the international development of the Technical Guidelines for Aquaculture Certification and provide guidance/directions for future follow-up actions/activities by the Member Countries and SEAFDEC.

2.5 Required Adaptive Measures and Proposed Activities to Mitigate the Impacts of Climate Change

35. To support the Member Countries in dealing with climate change and its impact on fisheries and aquaculture, the issue was productively discussed at the ASEAN-SEAFDEC Regional Technical Consultation (RTC) on Emerging Fisheries Policy held from 15 to 16 July 2008. The Consultation identified areas that need considerations and “*Required Adaptive Measures to Mitigate the Impacts of Climate Change*” (*Appendix 1 of Annex 10*) to be undertaken by SEAFDEC and the national agencies responsible for fisheries in the Member Countries.

36. The Required Adaptive Measures were then presented at the 11th FCG Meeting of the ASSP. Considering that the current scientific information on the possible impact from fisheries and aquaculture to climate change and *vice versa*, might still be insufficient to support the development of such Required Adaptive Measures, the 11th FCG Meeting suggested that SEAFDEC should further explore ways to identify and collect relevant information for the refinement and finalization of the proposed Required Adaptive Measures.

37. The Member Countries also aware of the proposal on “ASEAN Strategy in Addressing the Impact of Climate Change on Agriculture, Fisheries and Forestry” submitted by Indonesia at the 30th Meeting of AMAF, which components relevant to the fisheries sector, i.e. on research and capacity building on impact mitigation and adaptation, including the aspects of social concerns and the impacts from climate change to people. The RTC-IFRI (2009) also encouraged Indonesia to accommodate all aspects on climate change induced disasters related to fisheries into the proposal. SEAFDEC was also encouraged to serve as a node in the climate change network of the Sub-committee on Marine Science and Technology of the Committee on Marine Science of the ASEAN Forum, where climate change and alternative energy are among the flagship programs.

38. In addition, the Member Countries were informed on the FAO's series of guidelines and assessment studies highlighting linkage between fisheries and aquaculture and climate change and the increasing regional attention to the adaptation of climate change. Lesson learnt from two events, Asian Institute of Technology (AIT) International Workshop on Climate Change and natural Disasters organized by on 29 January 2009 and the Regional Forum on Mekong River Commission (MRC) Climate Change and Adaptation Initiative from 2 to 3 February 2009, reveal that the problem and/or difficulty for organizations like SEAFDEC, ASEAN or the national fisheries agencies is that the whole scenario of potential impacts - with sophisticated models, does not involve regional organizations, sector agencies, etc, who have adaptive capacity. There is a disconnection between global modelers and those working with local level and regional adaptation.

39. On the other hand, regional organizations and national line agencies do not have clear picture on who to obtain the message upwards that the key points of entry to adaptation have being planned and developed under their mandates. It is important that both global modelers and implementing agencies should look on to how to bridge the gap and frame existing work programs, with suitable indicators, that allow sector agencies to report back to the global level in responses to climate change. Therefore, the existing *Required Adaptive Measures* developed by SEAFDEC and the Member Countries should be reconsidered whether its refinement is necessary or keep it as a reference on areas to be considered.

40. Taking into consideration the various initiatives/programs relevant to climate change at the regional/international levels, the Consultation requested SEAFDEC to gather the relevant information, e.g. the impacts from climate change to fisheries sector, outcomes from Climate Change-related events, and the initiatives/discussions relevant to climate change addressed in various international fora e.g. SEAFDEC, ASEAN, FAO, Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES), World Ocean Conference (May 2009) etc., and share the information with Member Countries to facilitate future discussion and formulation of appropriate actions.

41. The Consultation also identified the possible areas/considerations that should be taken into account by SEAFDEC in the formulation and implementation of programs relevant to climate change, which include the following:

- SEAFDEC should identify and collaborate with the relevant organizations/agencies to develop a practical model on impacts from climate change to fisheries, aquaculture and socio-economic aspects, with reference (mapping) to the geographical location (particularly the vulnerable geographical areas)
- SEAFDEC should formulate policy recommendation on adaptive measures to mitigate the impacts from climate change to fisheries
- The aspect of climate change should be incorporated in the existing SEAFDEC regional program framework

42. In addition, SEAFDEC and Member Countries are also requested to reflect the concerns/issues from the fisheries sector in the international dialogue or the development of global/regional initiatives on climate change.

Suggested Action by the Council

43. The Council is invited to take note on the regional and international development in response to the adaptation of climate change and its impacts. The Council is also requested to provide policy directives to *Require Adaptive Measures to Mitigate the Impacts of Climate*

Change and guidance for future follow-up actions to be undertaken by the Member Countries and SEAFDEC.

2.6 Fisheries Subsidies

44. After the Chair of WTO Negotiation Group on Rules (NGRs) completed the *Draft consolidated Chair Texts of the Anti Dumping (AD) and Subsidies and Countervailing Measures (SCM) Agreement* in November 2007, a number of proposals and comments are being submitted to the Chair including the proposal on “Need for Effective Special & Differential Treatment for Developing Country Members in the Proposed Fisheries Subsidies Text” submitted by India, Indonesia and China. Lastly, the Chair of the NGRs, on 19 December 2008 circulated new negotiating texts on anti-dumping and horizontal subsidies disciplines, and a conceptual “roadmap” for discussion on fisheries subsidies.

45. At the RTC-IFRI (2009), the Member Countries recalled to the past regional policy directives and common positions on fisheries subsidies as follow:

- Fisheries subsidies is recognized as a tool either used as temporary or long-term measures under a broad national development and management framework to ensure the sustainable fisheries;
- Use of fisheries subsidies needs to be coupled with close monitoring and evaluation of status of fishery resources as well as the impacts of subsidies on socio-economic and the resources, which are different from countries to countries;
- Fisheries subsidies contributing to sustainable fisheries as well as people livelihoods and poverty alleviation should be permitted;
- Some fisheries subsidies whether they should be permitted or removed will depend on a number of factors including management regime, status of resources and the length of time that subsidies will be applied;
- Fisheries subsidies contributing to over-exploitation of resources or unsustainable fisheries and trade distortion must be removed;
- Close coordination between fisheries related agencies and trade related agencies in each country should be promoted to reflex requirements and complexity of the fisheries;

46. In addition, after the Draft Consolidate Chair Texts of the AD and SCM Agreements was circulated, the Member Countries expressed the views as follow:

- With regards to the Exception Provision, other non-capacity enhancing subsidies should be identified;
- Conditionality attached to Special and Differential Treatment for developing countries should not be too stringent instead it should be more flexible to allow developing countries to pursue their development objective;
- Stock assessment-based management condition set out in the Draft Texts is not appropriate and applicable to Southeast Asian region due to the multi-species nature of its fisheries. Alternatively, the implementation of fisheries management system based on internationally-recognized best management practices is sufficient;
- Subsidies that contribute to poverty reduction and food security should also be exempted particularly for small-scale fisheries that are highly dependent on the fishery resources, provided that the fisheries resources are managed and that subsidies do not contribute to over capacity.

47. Talking about competent of fisheries agencies, negotiation in trade rules may be difficult, however, the more sensitive issue is about fisheries management conditionality pertains to both exemption and provision for S&DT to developing countries, and what should be the future direction in response to the new set of questions taken up by the Chair of the NGRs. Several SEAFDEC Member Countries expressed the view that the Chair's Roadmap for Discussion on Fisheries Subsidies was not appreciated as a number of questions are inter-related and the discussion on the issues has been repeated and prolonged.

48. In this regard, the Consultation requested all individual countries to take into account the previously agreed regional common/coordinated position on fisheries subsidies, as well as the *coordinated position on small-scale fisheries for the Promotion of Small-Scale Fisheries in Southeast Asia* relevant to the discussion on fisheries subsidies, and develop individual country's views in response to the questions and provide the information during the next round of discussion.

Suggestion by the SEAFDEC Council

49. The Council is invited to take note on the progress WTO negotiations on fisheries especially the new *conceptual "roadmap" for discussion on fisheries subsidies*. The Council is also requested to provide policy directives to the Member Countries in response to this new WTO development as well as future follow-up action to be under taken by SEAFDEC.

2.7 Other Issues

- ***UNGA Resolution relevant to high sea bottom fisheries***

50. At the RTC-IFRI (2009), the Member Countries were informed of the Resolution issued at the 61st Session of the UN General Assembly on the issue of high sea bottom fisheries, particularly the Resolution 61/105 requesting the RFMOs and States to implement measures to regulate the bottom fisheries in accordance with the precautionary approach, ecosystem approach and international laws for their respective regulatory areas. In response to the requirements stated in the Paragraph 83 to 90 of the Resolution, ASEAN and SEAFDEC had developed a report on the situation on deep sea fishery resources in the region (based on scientific evidence collected during regional resources surveys) and the regional initiatives undertaken in related to the issue (based on SEAFDEC-FAO Workshops). Based on the resolution concerns, the relevant Member Countries are also requested to provide comments/additional information to SEAFDEC as soon as possible in order to finalize the report by end of March and submit the report to the next UNGA by the end of April 2009.

- ***Global Economic Fluctuation: Economic Approach on Sustainable Development of Fisheries***

51. Based on the outcomes of meetings of SEAFDEC Program Committee in November 2008 and the RTC-IFRI (2009) suggested that SEAFDEC to undertake a study on the impact from economic crisis to all sectors of fisheries, e.g. capture fisheries, aquaculture, fish processing, ranging from small to commercial scale; and develop the economic approach for sustainable development of fisheries, which could also be used as basis for the formulation/implementation of SEAFDEC program of activities. In particular, emphasis should be given on the impacts from the current economic situation to the livelihood of small-scale and artisanal fisheries.

Suggestion by the SEAFDEC Council

52. The Council is invited to consider and take note of the progress of respective issues and provide directives for future follow-up actions by Member Countries and SEAFDEC.

53. The Council is invited to take note and advice on roles and inputs of regional/SEAFDEC at the following regional/international fora, in order to voice the common concerns and safeguard the regional fisheries interests particularly at the:

- The 2nd Resumed Session of the FAO Technical Consultation Meeting on the draft legally binding on port State measures (4-8 May 2009)
- 17th Meeting of ASWGFi (3-5 June 2009)
- 15th meeting of the Conference of the Parties of CITES in 2010 (no longer convene in January - To be informed).
- Global Conference on Aquaculture (co-organized by FAO), 9- 12 June 2010 in Bangkok, Thailand.
- COFI - Sub-Committee on Aquaculture – 5th Session, 14 - 18 June 2010, in Bangkok, Thailand
- World Conference on Small-scale Fisheries to be held in Thailand in October 2010;

REQUIRED ADAPTIVE MEASURES AND PROPOSED ACTIVITIES TO MITIGATE THE IMPACTS OF CLIMATE CHANGE

Along line with the policy directive given by SEAFDEC Council and serious concerns on such issue, the issue on climate change and impacts to fisheries and aquaculture were discussed at the ASEAN-SEAFDEC Regional Technical Consultation (RTC) on Emerging Fisheries Policy from 15 to 16 July 2008 in Bangkok, Thailand. As a result, the Consultation identified areas that need considerations and require adaptive measures, and came up with proposed activities to mitigate the impacts of climate change to be undertaken by SEAFDEC and the national agencies responsible for fisheries in the Member Countries, as follows:

a) Strengthen capacity of fisheries sector in tackling with climate change

- Clear organizational long-term policy on human resources development and capacity building in response to the emerging needs relevant to climate change (SEAFDEC and national agencies responsible for fisheries)
- Promote awareness program on climate change and its impact to fisheries and aquaculture to all stakeholders (Member Countries)
- Buildup the resilience of fisheries communities in response to the impact of climate change
- Establish simple meteorological information system and network for fisheries communities
- Mainstream policy on poverty alleviation and remedial actions for the people affected by the climate change

b) Integrate climate change into fisheries policy framework

- Review existing regional policy framework and priority actions to accommodate the issues on climate change and its impacts to fisheries/aquaculture (SEAFDEC)
- Conduct national seminar/workshop involving other relevant agencies and stakeholders to develop national fisheries policy and action plans on climate change and fisheries/aquaculture (Member Countries)
- Increase dialogue and discussion with other sectors on issues relevant to climate change (Member Countries)
- Ensure that due consideration be given to the contribution from fisheries and aquaculture as the main food production sector, when developing respective national policy action plans to minimize their impacts to climate change (Member Countries)
- Use the climate change as an opportunity for fisheries related agencies to pro-actively approach higher level authorities in assisting the affected sectors to get supportive measures from the government, e.g. appropriate subsidies, pricing policy, poverty alleviation program, etc. (Member Countries)

c) Integrate climate change into existing fisheries program frameworks

- Identify (Member Countries) and monitor vulnerable fishing communities that will be submerged by sea-level rise or affected by erosion, destruction of natural habitats, storms as well as those affected by fisheries and aquaculture activities (SEAFDEC and Member Countries)
- Identify and develop appropriate indicators for monitoring and assessing the impacts of climate change to fisheries resources and aquaculture, e.g.: water cycle, change in season and temperature, seawater intrusion, fisheries resources, indicator species, etc. (SEAFDEC and Member Countries)

c-i) Marine Fisheries

- Integrate climate change into existing marine fisheries program frameworks
- Identify (Member Countries) and monitor vulnerable fishing communities that will be submerged by sea-level rise or affected by erosion, destruction of natural habitats, storms as well as those affected by fisheries and aquaculture activities (SEAFDEC and Member Countries)
- Identify and develop appropriate indicators for monitoring and assessing the impacts of climate change to fisheries resources and aquaculture, e.g.: water cycle, change in season and temperature, seawater intrusion, fisheries resources, indicator species, etc. (SEAFDEC and Member Countries)

c-ii) Inland Fisheries

- Collaborate with relevant agencies (e.g. WorldFish Center and MRC) in conducting research activities and develop a model on the impact of climate change to flooding (SEAFDEC/Member Countries)
- Undertake program on management of inland fisheries during the dry season (establishment of refuge) in order to alleviate the impact of climate change on the rural people's livelihood (Member Countries)
- Undertake program on wetland management in the broader context (Member Countries)

c-iii) Aquaculture

- Investigate the possible impacts of climate change to aquaculture, e.g. stratification and eutrophication, freshwater shortage in dry season, flooding in rainy seasons, sea water intrusion, increasing feed requirement for aquaculture, change in availability of seed stocks, disease susceptibility, etc. (SEAFDEC and Member Countries)
- Adapt aquaculture technologies and practices in response to the impact of climate change (SEAFDEC and Member Countries), e.g.:
 - Recycling of nutrient water in shrimp ponds
 - Selective breeding of species to develop seedstocks with wider tolerance to environmental changes
 - Development of eco-friendly feeds
 - Development of alternate feed materials (e.g, worms, etc.)
 - Promotion of the culture of lower trophic level species with appropriate HRD programs

d) *Minimizing impacts from fisheries/aquaculture to climate change*

- Undertake energy saving measures, and promote the use of alternative sources of energy (SEAFDEC and Member Countries)
- Fully utilize low-economic value fish species (e.g. jellyfish) with value-added processes, for human consumption (Member Countries)

e) *Information Collection and inter-agency coordination*

- Compile information from local communities and stakeholders, e.g. through community networking (Member Countries)
- Encourage inter-agency coordination and sharing/mobilization of expertise (SEAFDEC and Member Countries)
- Facilitate sharing of information specifically on adaptive measures relevant to climate change and fisheries/aquaculture (SEAFDEC)

CONCEPT PROPOSAL FOR THE ASEAN-SEAFDEC CONFERENCE ON SUSTAINABLE FISHERIES DEVELOPMENT TOWARDS 2020

I. BACKGROUND AND RATIONALE

The ASEAN-SEAFDEC Conference on Sustainable Fisheries for Food Security in the New Millennium: “Fish for the People” was held in November 2001. The Conference was in response to widespread regional concern over unsustainable fisheries practices, which may negatively affect future fish supplies for food security and the economic and social well-being of people in the ASEAN region. Attention focused on fisheries issues of specific concern to the ASEAN region, the goal being to coordinate policies and actions within the region and harmonize these with policies and actions at the international level.

The Millennium Conference adopted the Resolution and Plan of Action on Sustainable Fisheries for Food Security for the ASEAN Region in 2001 to serve as policy framework for formulating and implementing programs, projects and activities aimed at promoting sustainable development of fisheries in the ASEAN region. Guided by the Resolution and Plan of Action, SEAFDEC for almost ten years has been providing assistance to the ASEAN countries by implementing activities that address the various issues towards the sustainable development of fisheries.

During the past ten years, SEAFDEC and ASEAN Member Countries have made significant progress in promoting sustainable fisheries in the region. With the deteriorating state of the world’s ecosystem and environment brought about by climate change, and social and economic factors, it is necessary that the Southeast Asian region keep abreast and be able to address future challenges faced by our fisheries. To increase the competitiveness of fisheries in the region in addressing food security and poverty reduction, and to assist countries to adapt with the emerging situations/issues e.g. climate change, international fish trade, economic crisis, it is therefore an opportune time to review and discuss the implementation of the Resolution and Plan of Actions in order to develop the next decade regional direction and plan of action for sustaining fisheries development in the region.

The next decade regional direction and plan of action could therefore steer ASEAN Member Countries towards new directions in furthering development of sustainable fisheries and its contribution to food security, poverty reduction and accommodating the new emerging issues (e.g. climate change, international fish trade, economic crisis, etc.) in the region particularly to raise the socio-economic status, alleviate poverty and enhance food security for the people of the region. It is also expected to build closer collaboration through increased direct participation and solidarity among countries in the region as well as seeking funding support from external donors.

II. GENERAL FRAMEWORK OF THE CONFERENCE

2.1 Objectives

The objectives of the Conference are:

- 1) To review the progress and achievement in the implementation of the Resolution and Plan of Action on Sustainable Fisheries for Food Security in the ASEAN Region, adopted at the Millennium Conference in 2001;
- 2) To develop the next decade regional policy direction and plan of action for sustainable fisheries development in the ASEAN region towards the year 2020; and
- 3) To create a climate of cooperative and integrated efforts among member countries of ASEAN to better achieve the goals in addressing fish food security, poverty reduction and the new emerging issues (e.g. climate change, international fish trade, economic crisis, etc.).

2.2 Title of the Conference

The proposed title of the Conference is “ASEAN-SEAFDEC Conference on Sustainable Fisheries Development Towards 2020”. This title however will be discussed and further finalized in consultation with ASEAN.

2.3 Expected outcomes

The following outcomes are anticipated through the successful organization of the Conference:

- 1) Achievement, problems and constraints in the implementation of the Resolution and Plan of Action on Sustainable Fisheries for Food Security in the ASEAN Region for the past decade, and new emerging issues (e.g. climate change, international fish trade, economic crisis, etc.) identified;
- 2) “Decade Resolution and Plan of Action on Sustainable Fisheries Development in the ASEAN Region towards the year 2020” which will be used as a guiding principle in achieving the sustainable fisheries development in the coming decades;
- 3) Awareness building on issue of the sustainable fisheries, food security, poverty reduction, and new emerging issues through the participation of the Conference and Fisheries Exhibition and documents to be prepared for the Conference; and
- 4) Reinforcement of ASEAN solidarity and closer cooperation in the field of fisheries by discussing and adopting the above instruments.

2.4 Timing of the Conference

It is proposed that the Conference would be organized in 1st quarter 2011.

2.5 Organization of the Conference

The Conference will be jointly organized by SEAFDEC and ASEAN. Therefore, all preparatory arrangements should be in line with their standpoint. It is proposed that Thailand would be a host country as the Conference will be organized in Thailand.

2.6 Venue of the Conference

It was proposed that the Conference would be organized in Bangkok, Thailand. Further administrative work to identify the exact venue has to be concluded in due course.

2.7 Expected Participants

The Conference will be participated by various officials, researchers, policy-makers/senior official(s), industries people from ASEAN countries. In addition, representative(s) from ASEAN Secretariat, other regional/international organizations as potential donors, and SEAFDEC will also participate in the Conference. During the Conference proper, for the main plenary session, the high rank officials from fisheries related Governmental agencies, possibly with the ministers are envisaged to participate to conclude 'Regional Direction and Plan of Actions on ASEAN Fisheries, Food Security and Poverty Reduction' which will be used as guiding principle for the sustainable fisheries for coming decade.

2.8 Structure of the Conference

The Conference is composed of the following components:

2.8.1 Inaugural Session (half day):

To introduce the Conference and the review of the progress and achievement in the implementation of the Resolution and Plan of Action on Sustainable Fisheries for Food Security in the ASEAN Region, adopted at the Millennium Conference in 2001. The opening session will also introduce the framework and arrangements for technical working sessions that support the Ministerial Conference.

2.8.2 Technical Session (3 days):

Five (tentative) technical sessions will be organized and will be concluded by the technical recommendations to develop the regional technical policy on the selected issues. Salient points of all the technical recommendations will be accommodated to form the "Decade Declaration on ASEAN Fisheries, Food Security and Poverty Reduction". Concerning the participants, technical officers from ASEAN and SEAFDEC Member-Countries will attend these sessions. In addition, technical officers from non-ASEAN but Asian countries, the representatives of international and regional organizations, as well as the representatives of private industry are expected to participate in the meeting.

2.8.3 Plenary Session for Ministerial Conference (one day):

To conclude the "Decade Regional Direction and Plan of Actions on ASEAN Fisheries, Food Security and Poverty Reduction" by the participation of high-rank officials from ASEAN and SEAFDEC countries, the participation of ASEAN fisheries-related Ministers is also envisaged.

2.8.4 ASEAN Fisheries Exhibition (5 days):

The Exhibition will also be held simultaneously with the Conference. However, considering that the required work is rather different from that of the Conference, the Exhibition will hence be separately handled. In this connection, the professional organizer will be contracted. Close communications with other international/regional organizations will be

approached in order to ensure the successful organization of the Exhibition and avoid the duplication of similar activities in the region during the planning period.

III. PREPARATION OF THE CONFERENCE

Series of Regional Technical Consultations, RTCs (tentatively 5) will be organized e.g. the Regional Technical Consultation for Sustainable Aquaculture Development Towards 2020; the Regional Technical Consultation on International Fish Trade and Fisheries Related Issues;

the Regional Technical Consultation on Adaptive Measures to Mitigate the Impact from Climate Change to Fisheries and Aquaculture; the Regional Technical Consultation on Sustainable Fisheries Development for Food Security and Poverty Reduction (cross-cutting issues); and the Regional Technical Consultation on Enhancing Capacity and Competitiveness to Facilitate International and Regional Trade.

After all RTCs have been conducted, the Meetings for preparation of the Conference (Technical – drafting technical papers, and Administration) will be organized.

Four Committees will be established in order to make a proper preparation in addition to the required technical works to be conducted by the SEAFDEC in collaboration with ASEAN member countries.

- a. **ASEAN/SEAFDEC Steering Committee:** Decision making body for organizing the Conference to be participated by the representatives of ASEAN-SEAFDEC member countries, SEAFDEC Secretariat and Departments;
- b. **Advisory Committee:** Establishment of the technical framework of the Conference. Considering the objectives of the Conference; impact for food security, poverty reduction, climate change, economic crisis, international fish trade, etc. are envisaged to be included in the technical framework. Advisory Committee will be composed of the Members of SEAFDEC Program Committee;
- c. **Administrative Sub-Committee:** Coordination of administrative arrangement of the Conference; and
- d. **Technical Sub-Committee:** Coordination of the technical preparatory works to be conducted by the SEAFDEC Departments.

The 1st official announcement of the Conference will be issued after the SOM-AMAF Meeting in 2009.

Coordination between SEAFDEC and ASEAN Countries: The National Coordinators of SEAFDEC and ASEAN member countries will be mobilized in order to effectively promote the required preparatory work.

IV. FINANCIAL ARRANGEMENTS OF THE CONFERENCE

4.1 POTENTIAL DONORS FOR THE CONFERENCE

It is proposed that potential donors and sponsors of the Conference need to be carefully identified due to the fact that some will seek their policy implication together with financial supports. Focus would be based on the main objective of “Food Security, Poverty Reduction, Climate Change, International Fish trade, Economic Crisis for ASEAN” when donors and sponsors are pursued.

Concerning this, the following potential donors will be approached.

- a. ASEAN Foundation (Japan-ASEAN Solidarity Fund)
- b. ASEAN (dialogue partners program)
- c. Japanese Trust Fund
- d. SEAFDEC – Swedish International Development Agency (SIDA)
- e. ASEAN-SEAFDEC Member Countries (in kind)
- f. Unspent Japanese Contribution
- g. Others

4.2 POTENTIAL SPONSORS FOR THE CONFERENCE

In addition to the donors, funding contribution from various sponsors will be considered. The potential sponsors indentified to be sought for the contribution are from the following organizations:

- a. FAO
- b. MRC
- c. WorldFish Center
- d. Private sector who may support the Exhibition in parallel with the Conference

4.3 ASEAN Support

The ASEAN-SEAFDEC Conference on Sustainable Fisheries Development Towards 2020 will be organized by SEAFDEC with ASEAN Secretariat as the Collaborative Organization under the ASEAN-SEAFDEC Strategic Partnership, and hosted by Thailand. ASEAN countries are requested to participate and provide all the necessary support to SEAFDEC and Thailand in the organization of the Conference. In this regard, it is suggested that a reasonable financial contribution (in kind) by ASEAN countries would be sought in order to make them involved for the organization of the conference.

In addition to financial contribution, the ASEAN countries are expected to provide the following supports in order to ensure the successful organization of the Conference:

- a. Commitment to send at least 10 officials (2 for each theme)
- b. Collaboration with Conference Secretariat and SEAFDEC Departments on preparatory technical works
- c. Nomination of the National Coordinator to collaborate with the Conference Secretariat on preparation and other arrangements for the Conference
- d. Support to fisheries exhibition to be organized in parallel with the Conference
- e. Other activities (if any e.g. national drawings contest, etc.)

V. PROPOSED ACTIVITIES AND WORK PLAN OF THE CONFERENCE

Proposed activities and work plan of the Conference can be referred as *Appendix 1*.

VI. PROPOSED BUDGET OF THE CONFERENCE

The proposed budget of the Conference is 277,700 US\$. The detailed budget can be referred as *Appendix 2*.

VII. CONSIDERATION BY THE COUNCIL

- 1) The Council is requested to consider and endorse:
 - a. The proposed organization of the ASEAN-SEAFDEC Conference on Sustainable Fisheries Development Towards 2020;
 - b. The proposed budget that will be sought from potential donors, including the planned utilization of the Unspent Japanese Contribution to support the Conference; and
- 2) The Council is requested to provide policy guidance to ensure the effective implementation and conduct of the Conference, and coordination from the Member Countries.

The Conference Work Plan

| Period | Events/Activities |
|---|--|
| 2009 | |
| April 7-10 | The 41 st Meeting of the SEAFDEC Council, Fukuoka, Japan (submission and endorsement of concept proposal) |
| 3-5 June 2009 | The 17 th Meeting of ASEAN Sectoral Working Group in Fisheries (ASWGFi, Vietnam (submission and endorsement of concept proposal) |
| Mid June 2009 | SEAFDEC Department Chiefs' Meeting (preparation of detailed conference proposal), SEAFDEC Secretariat, Thailand |
| July 2009 | Submission of detailed Proposal and Budget of the Conference to all ASEAN countries, potential donors |
| July-October 2009 | Review and assess the progress and achievement in the implementation of the Resolution and Plan of Action adopted during the Millennium Conference in 2001 (to identify achievement, constraints and new emerging issues): <ul style="list-style-type: none"> • by the Member Countries through Stakeholders Consultation/Involvement • by respective Department based on its scope of work and discipline (i.e. Questionnaire survey) |
| August 2009 | Submission of detailed proposal to the Special Senior Officials Meeting of the ASEAN Ministers on Agriculture and Forestry (Special SOM-AMAF), Vietnam, 2009 for the support |
| October 2009 | Submission of the proposal to the Meeting of ASEAN Ministers on Agriculture and Forestry (AMAF), Brunei, 2009 for policy support |
| | The 1 st Announcement of the Conference |
| November 2009 | Report on the outcomes of the Analysis on Reviewing the progress and achievement in the implementation of the Resolution and Plan of Action, and the proposal of the Conference for discussion at the 32 nd Program Committee Meeting; and 12 th ASEAN-SEAFDEC FCG-ASSP, Malaysia |
| December 2009 | 1 st Steering Committee Meeting, Bangkok, Thailand |
| | The 1 st Technical Sub-Committee Meeting, Bangkok, Thailand |
| | The 1 st Administrative Sub-Committee Meeting, Bangkok, Thailand |
| 2010 | |
| 1 st quarter 2010 | The Regional Technical Consultation for Sustainable Aquaculture Development Towards 2020 |
| 1 st quarter 2010 | The Regional Technical Consultation on International Fish Trade and Fisheries Related Issues |
| 1 st or 2 nd quarter 2010 | The Regional Technical Consultation on Adaptive Measures to Mitigate the Impact from Climate Change to Fisheries and Aquaculture |
| | The 2 nd Announcement of the Conference |
| April 2010 | Report progress of work at the 42 nd Meeting of the SEAFDEC Council, Lao PDR |
| 3 rd quarter 2010 | The Regional Technical Consultation on Sustainable Fisheries Development for Food Security and Poverty Reduction (cross-cutting issues) |
| 3 rd or 4 th quarter 2010 | The Regional Technical Consultation on Enhancing Capacity and Competitiveness to Facilitate International and Regional Trade |

| | |
|---|--|
| 3 rd or 4 th quarter 2010 | The Meeting for preparation of the Conference (Technical – drafting technical papers, and Administration) |
| | The 3 rd Announcement of the Conference |
| November 2010 | Report on the progress of work at the 33 rd Program Committee Meeting; and 13 th ASEAN-SEAFDEC Fisheries Consultative Group-ASSP, Thailand |
| 2011 | |
| February 2011 | CONFERENCE Proper and EXHIBITION, Bangkok, Thailand |

Appendix 2 of Annex 11

The Breakdown of Estimated Expenses

| ITEM | | US\$ |
|-----------------------------|---|-------------------------------|
| 1. The Conference | | |
| 1.1 | Travel Expenses | |
| | Brunei | US\$ 450x10persons = 4,500 |
| | Cambodia | US\$ 300x10persons = 3,000 |
| | Indonesia | US\$ 500x10persons = |
| | 5,000 | |
| | Japan | US\$ 1,000x10persons = 10,000 |
| | Lao PDR | US\$ 300x10persons = 3,000 |
| | Malaysia | US\$ 350x10persons = 3,500 |
| | Myanmar | US\$ 300x10persons = 3,000 |
| | Philippines | US\$ 450x10persons = 4,500 |
| | Singapore | US\$ 400x10persons = 4,000 |
| | Thailand | US\$ - x10persons = - |
| | Vietnam | US\$ 350x10persons = 3,500 |
| | SEAFDEC/AQD | US\$ 650x4persons = |
| | 2,600 | |
| | SEAFDEC/MFRD | US\$ 400x4persons = 1,600 |
| | SEAFDEC/MFRDMD | US\$ 500x4persons = |
| | 2,000 | |
| | SEAFDEC Secretariat and TD | US\$ - x20 persons = - |
| | | US\$ 50,200 |
| | | US\$ 35,500 |
| 1.2 | Daily Subsistence Allowance (foreigners and Thais) | |
| | US\$50x142x5days | US\$ 10,000 |
| 1.3 | Rental Fee for Conference Room | US\$ 2000x5days |
| | | US\$ 12,500 |
| 1.4 | Beverages and dinner party | US\$ 2500x5days |
| | | US\$ 2,500 |
| 1.5 | Stationary and Publication | US\$500x5days |
| | | US\$ 2,000 |
| 1.6 | Supplies | US\$112,700 |
| | Sub-total | |
| 2. Preparatory Costs | | |
| 2.1. | RTCs and Preparatory Meetings | |
| | • The Regional Technical Consultation for Sustainable Aquaculture Development | US\$20,000 |
| | • The Regional Technical Consultation on International Fish Trade and Fisheries Related Issues ⁵ | (US\$35,000) |
| | • The Regional Technical Consultation on Adaptive Measures to Mitigate | (US\$30,000) |

⁵ Supported by the Japanese Trust Fund under on-going Program

| | |
|---|---|
| <p>the Impact from Climate Change to Fisheries and Aquaculture⁶</p> <ul style="list-style-type: none"> • The Regional Technical Consultation on Sustainable Fisheries Development for Food Security and Poverty Reduction • The Regional Technical Consultation on Enhancing Capacity and Competitiveness to Facilitate International and Regional Trade • The Meetings for preparation of the Conference (Technical – drafting technical papers, and Administrative Arrangement) <p style="text-align: right;">Sub-total</p> | <p>US\$35,000</p> <p>US\$30,000</p> <p>US\$40,000</p> <p>US\$125,000</p> |
| <p>3. Personnel Assistants</p> <p>3.1 Honorarium for Consultants (2 persons x 2 M/M) (Cross-cutting issues)</p> <p style="text-align: right;">US\$ 5,000 x 4 m/m</p> <p>3.2 Travel Costs for Consultants US\$ 1,000x 2</p> <p style="text-align: right;">Sub-total</p> | <p>US\$ 20,000</p> <p>US\$ 2,000</p> <p>US\$ 22,000</p> |
| <p>4. Other Expenses</p> <p>4.1 Publication</p> <p>4.2 Communication</p> <p>4.3 Transportation</p> <p style="text-align: right;">Sub-total</p> | <p>US\$ 2,500</p> <p>US\$ 500</p> <p>US\$ 2,000</p> <p>US\$ 5,000</p> |
| <p>5. Contingency and Overhead</p> <p style="text-align: right;">Sub-total</p> | <p>US\$10,000</p> |
| TOTAL | US\$274,700 |

⁶ Supported by SEAFDEC-Sida under on-going Program

Annex 12

INVOLVEMENT OF SEAFDEC IN THE PROPOSED GEP PROJECT ENTITLED: “ESTABLISHMENT AND OPERATION OF A REGIONAL SYSTEM OF FISHERIES REFUGIA IN THE SOUTH CHINA SEA AND GULF OF THAILAND”

1. Introduction

Refers to the UNEP/GEP/SCS Program entitled: “Reversing Environmental Degradation Trends in the South China Sea and Gulf of Thailand”, there are four main Components; 1) Habitat Degradation and Loss (Mangroves, Coral reefs, Seagrasses and Wetlands), 2) Over Exploitation of Fisheries in the Gulf of Thailand, 3) Land-based Pollution, and 4) Project Co-ordination and Management since 2001. Under the Component 2: on Over Exploitation of Fisheries in the Gulf of Thailand and South China Sea, later on called “Fisheries component”, the program focuses on trans-boundary fisheries issues in the Gulf of Thailand and South China Sea covering Cambodia, Thailand, Vietnam, the Philippines and Indonesia as participating countries. All activities are subjected to the approval of the Project Steering Committee. Activities of fisheries component are grouped into four sub-components, the first of which is designed to secure agreement on the nature of joint actions required to address identified problems in the Gulf of Thailand. A Regional Working Group (RWG) was formed to develop sub-regional, and national management plans for the spawning and nursery areas of regional and trans-boundary significance in the Gulf of Thailand. The RWG was responsible for development of criteria to determine the national, sub-regional and trans-boundary significance of spawning and nursery areas; and for the application of these criteria to determine priorities for management action within the Gulf of Thailand. These activities were resulted for the establishment of a system of refugia to maintain important trans-boundary fish stocks in the Gulf of Thailand based on marine protected areas identified as critical habitats for fish stock conservation and protection.

This component includes required actions at national level by the countries bordering the Gulf of Thailand to: protect endangered species; develop and implement program to provide information at the community level, on fish stock conservation and sustainable fishery practices among small and artisanal fishing communities; and to promote the FAO Code of Conduct for Responsible Fisheries through national and regional workshops.

Considering of SEAFDEC involvement in the fisheries component, as the committee may be aware SEAFDEC made significant technical and policy level contributions to the operation of the UNEP/GEF South China Sea Project, specifically the project’s fisheries component which addressed the issue of how to integrate fisheries and habitat management in Southeast Asia. In addition to the substantial technical support provided by SEAFDEC to the work of the UNEP/GEF Regional Working Group on Fisheries through the participation of senior advisors and scientists in meetings of that group, SEAFDEC also contributed to: the planning and conduct of sessions on fisheries during the project’s Regional Scientific Conferences; the conduct of three large regional training workshops on fish early life history science and fisheries management; the conduct of fish egg and larval sampling in the regular cruises of the fisheries research vessel, MV SEAFDEC 2 to assist with the identification of fisheries *refugia* sites; and a large regional analysis of information relating to fish spawning and nursery areas.

An important outcome of the collaboration between SEAFDEC and the UNEP/GEF project was the publication of the inter-governmentally approved “*UNEP/GEF Regional Guidelines*

on the Use of Fisheries Refugia for Capture Fisheries Management” as part of the ASEAN-SEAFDEC Guidelines for Responsible Fisheries in Southeast Asia. These guidelines were developed as part of the SEAFDEC-ASEAN initiative to regionalise the FAO Code of Conduct for Responsible Fisheries. The fisheries *refugia* guidelines act as the first policy level step in Southeast Asia regarding how to manage the issue of habitat and biodiversity loss as a result of fishing. These guidelines will act as a useful platform for the development and implementation of the proposed GEF fisheries *refugia* project entitled “*Establishing and Operating a Regional System of Fisheries Refugia in Southeast Asia*”.

It was noted that Malaysia did participate in the fisheries component of the project as observer and participants of some training program. A representative of the Department of Fisheries, Malaysia participated in the final 5 meetings of the Regional Working Group on Fisheries (RWG-F) and represented the RWG-F in Regional Scientific and Technical Committee and Regional Scientific Conference meetings. Additionally, staff of Malaysia’s Department of Fisheries participated in the 3 regional training workshops conducted in support of the project’s fisheries *refugia* initiative and facilitated national echo training seminars in that country.

2. Outcome from the 1st Phase and Step Forwards

The outcome from the 1st Phase of the Fisheries Components (2001-2008) has begun developing momentum towards achieving one of its key objectives, the development of **mechanisms to improve the integration of fisheries and habitat management in the Gulf of Thailand and the South China Sea**. Map and sites characterizations for 23 fisheries *refugia* sites and additional 30 known fish spawning and nursery areas were identified, therefore to operate and expand the network of fisheries *refugia* are needed to be continued.

In this connection, the GEF Project Identification Form entitled: “Establishment and Operation of a Regional System of Fisheries Refugia in the South China Sea and Gulf of Thailand” known as the 2nd Phase of the Fisheries Components was developed at the 9th RWG-F meetings in 2007 with the involvements of UNEP and SEAFDEC. The main objective of the 2nd Phase Proposed Program is to operate and expand the network of fisheries refugia in the South China Sea and Gulf of Thailand for the improved management of fisheries and critical marine habitats linkages in order to achieve the medium and longer-term goals of the fisheries component of the Strategic Action Program for the South China Sea.

3. Status of the Proposed GEF Project

- At 9th RWG-F meetings the in 2007, the GEF Project Identification Form entitled: “Establishment and Operation of a Regional System of Fisheries Refugia in the South China Sea and Gulf of Thailand” was drafted.
- The eighth meeting of the Regional Scientific and Technical Committee (RSTC) and seventh meeting of the Project Steering Committee (PSC) considered a draft Project Identification Form (PIF) developed by the RWG-F
- The RSTC agreed that the project should continue with the development of this project
- The draft GEP PIF was revised at the tenth meeting of the Regional Working Group on Fisheries (2nd - 5th June 2008) given into consideration to an internal peer review of the draft PIF conducted by the UNEP Division of Global Environment Facility Co-ordination
- The Fisheries Refugia concept and achievements of the Regional Working Group on Fisheries (RWG-F) in establishing a regional system of fisheries refugia were discussed

in detail during the second Mayors' Round-Table and third Regional Scientific Conference meetings convened from 26th-30th November 2008. The achievement of the RWG-F received high praise from the GEF Secretariat's Senior Advisor on International Waters, Dr. Alfred Duda during the events.

- Member countries need to communicate with the National Environment Agency to submit the Endorsement letter to GEP,

4. Involvement of The SEAFDEC As The Project Executing Agency

- The tenth meeting of the RWG-F noted that the nineteenth session of COBSEA had identified COBSEA as the appropriate body to take responsibility for the co-ordination of actions under the Strategic Action Program for the South China Sea. It was noted however, that in the case of the fisheries component of the SAP it would be necessary for the fisheries refugia project to be executed by an organization such as the Southeast Asian Fisheries Development Center (SEAFDEC) since neither UNEP nor COBSEA has competence in fisheries issues and a number of COBSEA member countries had previously stated that COBSEA should not become involved in the fisheries component of the SAP. In addition at the present time only five of the seven countries participating in the UNEP/GEF South China Sea project have expressed an interest in being involved in this project.
- Involvement of SEAFDEC as an Executing Agency will ensure greater political support and enhanced mainstreaming of fisheries habitat and ecosystem considerations into broader fisheries management initiatives in Southeast Asia. Such broader initiatives include ASEAN, SEAFDEC, and APFIC program on the use of subsidies in fisheries, overcapacity, illegal and unregulated fishing, co-management, and rights-based approaches to fisheries management. All members of the RWG-F agreed that SEAFDEC is the ideal executing agency for the project. It was recommended by the RWG-F however, that as the project focuses on operational matters, a mechanism similar to that used in the UNEP/GEF South China Sea Project for the disbursement of funds to the Specialised Executing Agencies should be adopted in the new project. It was agreed that where possible the Project Document should include a requirement for any cash transfers to go directly from SEAFDEC to the Specialised Executing Agencies, rather than via the offices of SEAFDEC national co-ordinators.

SUGGESTED ACTION BY THE COUNCIL

1. The Council is requested to endorse the Involvement of the SEAFDEC As The Project Executing Agency of the proposed GEP Project entitled: "Establishment and Operation of a Regional System of Fisheries Refugia in the South China Sea and Gulf of Thailand" after approval from the GEP.
2. The Council is invited to provide directives for the SEAFDEC on her involvement in order to increase benefit to the Member Countries in the future.

STATEMENT

*By Mr. Suriyan Vichitlekarn
Senior Officer, Natural Resources Unit, ASEAN Secretariat*

Honorable SEAFDEC Council Chairman and Council Directors,
SEAFDEC Secretary-General,
Representatives from FAO, ladies and gentlemen, good morning,

At the outset, allow me to take this opportunity to thank SEAFDEC and the Government of Japan for kind invitation to the ASEAN Secretariat to participate in this auspicious Meeting and for allowing me to speak before all of you about ASEAN and SEAFDEC collaboration in fisheries. I wholeheartedly join other delegates in congratulating SEAFDEC for its achievements made in 2008.

Mr. Chairman, ladies and gentlemen, the ASEAN Charter, which was signed by the ASEAN Leaders at the 13th Summit in 2007, has entered into force in December 2008. This literally means that ASEAN has now been transformed into a rule-based intergovernmental organization. This also implies that ASEAN Member States will fully commit to any forms of agreement concluded under ASEAN frameworks, particularly the realization of the ASEAN Community by 2015. Such realization has been reaffirmed by the ASEAN Leaders met at the 14th Summit by adopting the Cha-am Hua Hin Declaration on the Roadmap for the ASEAN Community (2009-2015).

As far as the fisheries sector is concerned, I wish to draw your attention that besides ensuring sustainable development of the sector, the medium-term agenda of ASEAN is now on how to strengthen the contribution of the sector in the ASEAN Community building process.

The signing of the Letter of Understanding for the ASEAN-SEAFDEC Strategic Partnership (ASSP) by the Secretaries-General of the two organizations in 2007 is an important vehicle to facilitate closer cooperation and partnership among the two organizations and their respective Member Countries. The issue that both organizations would be most interested is therefore how ASSP could be better instrumental in realizing benefits of the respective Member States.

To this end, I wish to recognize the recent visit of SEAFDEC delegation led by Dr. Siri Ekmaharaj to the ASEAN Secretariat on 27 March 2009 as well as good discussion between the Deputy Secretary-General for ASEAN Economic Community and the Secretary-General of SEAFDEC. The theme of discussion was centered around the ways to enhance synergy of cooperation of the two organizations under the ASSP by utilizing each other comparative advantages. The key issues discussed included:

- Cooperation on implementation of measures relevant to fisheries under the Blueprints for ASEAN Economic Community and ASEAN Socio-Cultural Community, the ASEAN Integrated Food Security (AIFS) Framework and the Strategic Plan of Action for ASEAN Food Security;
- Support to the sub-regional cooperation arrangements where fisheries play a vital role. These include Indonesia-Malaysia-Thailand Growth Triangle (IMT-GT), and Brunei Darussalam-Indonesia-Malaysia-Philippines East ASEAN Growth Area (BIMP-EAGA); and

- Support to the Proposed ASEAN-SEAFDEC Conference on Sustainable Development of Fisheries in the ASEAN Region Towards 2020, with the view to revitalize the regional fisheries policy and action framework by accommodating emerging challenges and requirements including contribution of fisheries to ASEAN Community building;

Mr. Chairman, ladies and gentlemen, allow me to conclude my statement by expressing my appreciation on behalf of ASEAN to SEAFDEC Council for kind support to ASSP Programme. I assure you all of our strong interests in and any possible support to the close collaboration and partnership with SEAFDEC. Thank you.

STATEMENT

By Dr. Simon Funge-Smith

Senior Fishery Officer

Food and Agriculture Organization (FAO) of the United Nations (UN)

Mr. Jun Yamashita, Chairman of the SEAFDEC Council,
Dr. Siri Ekmaharaj, Secretary-General of SEAFDEC
Honorable Council Directors and representatives,
Representatives of the SEAFDEC Departments and Secretariat,
Ladies and Gentlemen;

On behalf of the Food and Agriculture Organization (FAO) of the United Nations, I would like to thank SEAFDEC for the invitation to attend the 40th SEAFDEC Council Meeting. I would also like to thank our hosts, the Fisheries Agency, Ministry of Agriculture, Forestry and Fisheries, Government of Japan, and the Prefectural Governor of Fukuoka and Mayor of this beautiful Port city of Fukuoka for their excellent arrangements and the excellent reception last night.

FAO would like to congratulate SEAFDEC on another busy year of work and the impressive range of technical areas of activity. My statement cannot hope to describe how all of this work relates to the work of FAO and its members, so I will try and focus on a number of key areas where FAO and SEAFDEC have cooperated over the last 12 months and some areas where we see opportunities for further collaborative work in support of our member countries.

The 4th global conference on small scale fisheries, held in Bangkok (13-17 October 2008) hosted by DOF Thailand, in collaboration with SEAFDEC. The was discussed at the 31st session of COFI and there were strong calls for follow up by FAO and its members on small-scale fisheries. FAO is responding to these calls and is currently developing a strategy to address the principle request for a specific programme in small-scale fisheries as well as work towards developing guidance to supplement the CCRF on the matter of small-scale fisheries. SEAFDEC. FAO looks forward to further cooperation with SEAFDEC in the development of such guidance, so that it adequately reflects the issues and needs of the small-scale fisheries sector in the this region.

The 31st Session of COFI expressed concern over the decline in quality of reporting the status of implementation of the CCRF and requested members to renew their efforts in this regard, SEAFDEC has a strong role to play in supporting the reporting back on the implementation of the CCRF – especially in view of the monitoring and reporting of the regional guidelines on the CCRF. We are currently reviewing improved ways of reporting in order to effectively capture the successes and efforts of member countries to report on the CCRF as well as ensure that the contributions towards global progress on implementation is given due visibility. At the same time we must be sure to acknowledged the challenges that remain and good reporting will assist us in identifying key areas for cooperation and collaboration.

SEAFDEC's work on promoting efforts to implement the RPOA are noted and commended. The work on cooperation on fishing vessels registration is an area which has

high interest for FAO as this is complementary to the ongoing work to develop a global register of fishing vessels.

We welcome the progress made by SEAFDEC members in the development of their NPOA's on shark and urge that these are finalized and publicized as soon as possible.

The ongoing cooperation activities between SEAFDEC and ASEAN are welcome initiatives that we see as strong indications of the will to cooperate on fisheries issues of common interest and assisting in member countries to more effectively coordinate and harmonize approaches to address key issues such as combating IUU fishing, more effective MCS, challenges of meeting catch documentation requirements of importing countries, management of fishing capacity in the region, the development of vessel registers and the improvement of assessment of fisheries resources in EEZ waters and beyond.

We also welcome the report of the SEAFDEC RAC, which offers potential for improving the coordination of efforts amongst SEAFDEC members to address key areas of fishery resources management.

FAO thanks SEAFDEC for its collaboration and support to the convening of the Regional workshop on "Assessment and management of offshore resources south and south east Asia" convened in Bangkok, 2008.

The SEAFDEC work to assist members to improve exploitation of deep sea resources and sea mounts etc. in "untrawlable grounds of EEZ waters. It is perhaps worth mentioning that this should also include complementary initiatives to look into how these deep water resources may sustain fishing effort and to frame recommendations to members in line with the CCRF as part of SEAFDEC's role to promote responsible fisheries

As secretary of the Asia-Pacific Fishery Commission, I would like to appreciate the support we have received from SEAFDEC on a wide range of policy level events such as workshops and the APFIC regional consultative forum and session.

Staying on the subject of regional and international cooperation, I am pleased to inform you that the FAO/GEF Bay of Bengal Large Marine Ecosystem (FAO/GEF BOBLME) project was declared operational on the 1st April 2009. this project is intended to develop regional cooperation amongst the countries of the Bay of Bengal and in particular lead to the elaboration of a strategic action plan for the management to of the living resources of the Bay of Bengal. With 4 participating countries that are members of SEAFDEC, we look forward to close collaboration with SEAFDEC in the implementation of activities relating to elaboration of cooperation plans as well as the technical inputs relating to resources assessment, management planning, information sharing and management.

With the support of the Government of Spain, FAO has initiated a second large regional project with the participation of several member countries of SEAFDEC. This "Regional Fisheries Livelihood Project" will cover resource management, livelihoods diversification and post-harvest improvements in coastal communities of the participating countries. The programme of SEAFDEC that have been reported at this council meeting certainly provide several areas where we can consider cooperation to provide training or develop regional guidance for support to coastal communities.

Regarding the “regional workshop on streamlining of reporting of fishery statistics”, FAO is looking forward to the development of the web-based regional database to better support fisheries management and coordination of information. This database would also complement efforts to develop national records of fishing vessels and the coordination of effort to combat IUU fishing in the region.

Improving of status and trends reporting for member countries is another area of interest for FAO and the Asia-Pacific Fishery Commission. In this respect, FAO/SEAFDEC and APFIC will collaborate on regional workshops to improve the assessment of resources using primary and secondary information resources and look at innovative methods for status and trend reporting.

The SEAFDEC member countries have been active participants in the development of the FAO global guidelines on Aquaculture certification. These were presented to the COFI Sub-committee on Aquaculture in Puerto Varas, Chile, xx---, 2008. Whilst enjoying considerable support from member countries in this region, the conclusion of the sub-committee was that the guidelines could not be accepted in their current form should be revised and presented to a Technical Consultation for finalization. It is perhaps worth noting here that the guidelines are a voluntary recommendations and any country or group wishing to use them could do so immediately

SEAFDEC AQD is working on reduction of use of low value/trash fish for mud crab culture. This would be highly complementary to the work of the FAO Regional TCP on improving aquafeeds. Since SEAFDEC AQD is closely linked to NACA, there is a logical connection for sharing of information on the matter, although it s not clear if this linkage is being capitalized upon.

Once again, Mr. Chairman, I would like to thank SEAFDEC and our hosts for this opportunity to participate in the 41st council meeting and look forward to further productive cooperation in the future.

Thank you Mr. Chairman,

Annex 15

COOPERATION BETWEEN SOUTHEAST ASIA AND JAPAN TOWARD SUSTAINABLE DEVELOPMENT AND MANAGEMENT OF FISHERIES: A VARIETY OF SOURCES AND RESOURCES

By Professor Tatsuro Matsuoka, Faculty of fisheries, Kagoshima University of Japan

Cooperation between Southeast Asia and Japan toward Sustainable Development and Management of Fisheries
 - A variety of Sources and Resources -
 Tatsuro MATSUOKA
 (Faculty of Fisheries, Kagoshima University, Japan)

There are a variety of activities of cooperation in fisheries research, education and training between the Southeast Asian countries and Japan, not only between SEAFDEC and Japanese Government. In particular, there are cooperation activities amongst academic institutes in the region on a variety of sources.

Japanese Institutes involved in Fisheries Cooperation in the Region

Legend:
 ● Universities
 ○ National Fisheries Research Institutes
 ○ Research Centre for Agriculture Science

Institutes shown on map:
 Hokkaido Univ. Fac. Fisheries, Hokkaido Inst., Tohoku Inst., Japan Sea Inst., International Res. Centre for agr. Sci., University of Tokyo Fac. Agriculture, Fisheries Engineering Inst., National Fisheries Research Agency, Far Seas Inst., Fisheries Sciences Inst., Tokyo Univ. Marine Sci. & Tech., Inland Sea Inst., Nagasaki Univ. Fac. Fisheries, National Fisheries Univ., Seikai Inst., Kagoshima Univ. Fac. Fisheries.

Roots and Progress of Internationalisation for Japanese Academic Institutes

- (1) Participation into international academic meetings, contribution to international journals and research cooperation by individual academics of institutes
- (2) Good-will partnership arrangements among academic institutes and then cooperation agreement between universities (MOU)
- (3) Participation of academic staff members of institutes into international technical cooperation, such as ODA projects and training courses which gradually settled in universities as essential components

New era for Universities in Japan

Academic institutes must be universally accessible for people both internal and external, regardless their statuses. The activities are not confined in the formal education and researches. Recurrent and refresh education, community services, technical transfer must be also conducted. All the activities are conducted even beyond the border.

| | | | | |
|-------------------------------------|--------------------------------------|---------------------------------|--|-----------------------|
| International activities | Internationally compatible education | Technical training | Technical development and transfer | Research cooperation |
| Traditional activities within Japan | Formal education | Recurrent and refresh education | Community services, Technical transfer | Individual researches |

International Cooperation Organisations and Schemes major in Fisheries, Japan

Japan International Cooperation Agency (JICA)
 • Dispatch of experts, acceptance of trainees, provision of equipments, development survey and grass-roots technical cooperation

Japan Society for Promotion of Sciences (JSPS, agency of Ministry of Education)
 • Programmes of Core University Exchange, Formulation of Research and Education Core in Asia

Overseas Fisheries Cooperation Foundation (OFCF)
 • Organising training courses, external evaluation of overseas cooperation projects

Cooperation Activities (1) Core-University Exchange

Sponsored by JSPS

Univ. Philippines in the Visayas ↔ Fac. Fisheries, Kagoshima Univ.

Institutes in fisheries in the Philippines ↔ Institutes in fisheries in Japan ↔ Sister programmes in fisheries in Indonesia and Thailand by Tokyo Univ. Mar. Sci. Tech.

Additional photos show people in a classroom and on a boat.

Cooperation Activities (2) Technical Training Courses

- Budgeted by JICA and OFCF for 3 to 4 months
- Topic: Management for responsible fisheries
Subjects: project planning, selectivity, bycatch/discards, derelict fishing gear and ghost fishing
- Acceptance of app. 1,000 man-days a year
- Similar programmes offered by National Fisheries Univ.




Cooperation Activities (3) Grass-Roots Partnership Cooperation

- A scheme of Japan international cooperation Agency (JICA) to support NGOs and independent organisation to conduct a cooperation project with local grass-roots organisations

Example: Technical transfer in community-based set-net fishery by:



- Tokyo Univ. Fish. Sci. Tech.
- Himi City, Toyama, Japan
- Bone Province, Macassar, Indonesia
- Hasanudin Univ.



Image photo only

Cooperation Activities (4)

- Planning and Participation into cooperation projects (mainly JICA, e.g. Malaysia)
- Dispatched as Technical experts (mainly JICA)
- Participation in evaluation of ODA projects (mainly OFCF)
- Acceptance of postgraduate students (Universities)

Cooperation Activities by Fisheries Organizations and Institutes in the Region



SEAFDEC
SEAFDEC Support Committee
Acceptance of trainees
Acceptance of Internship

SEAFDEC Support Committee organised by Fisheries Agency in Japan is participated by:
Fac. Fisheries, Hokkaido Univ.
Tokyo Univ. Mar. Sci. Tech.
National Fish. Univ.
Fac. Fisheries, Kagoshima Univ.
Fisheries Research Agency
International Res. Cent. Agri. Sci.

Pukyong Univ.: Core Univ. Exchange

Univ. Philippines in the Visayas: Core Univ. Exchange, Liaison Office

Casatsart Univ.: Core Univ. Exchange

HoChiMinh City Univ. Tech.: Project cooperation

Malaysia Ptra Univ.: Project cooperation

Hasanudin Univ.: grass-roots cooperation, Liaison office

Univ. PNG: Third country training

Bogor Univ.: Core univ. exchange

Deponegoro Univ.: Core univ. exchange

Round-Table Seminar toward Sustainable Development of Fisheries in Southeast Asia in Tokyo, March, 2008

Base Line Understanding

- Super-goal in international fisheries cooperation: community development in fishing villages
- Succession in technical transfer: from introduction of fishing techniques with higher efficiency to conservation of resources
- Focus on small-scale coastal fisheries: community-level fishing, management of coastal resources and environment
- Important rolls of fishers and fishing community
- Collaborative approaches from resource biology, fishing technology and economics in fisheries management

toward Sustainable Development of Fisheries in Southeast Asia (2)

Methodology for Fisheries Management

- Difficulty of management based on biological indicators, such as TAC, MSY, CPUE, because of:
 - (1) diversity in fishing ground conditions, fishing sectors and fishes
 - (2) difficulty in scientific data collection
 - (3) inadequate capacity of official sector

↓

- Management on;
 - (1) progressively-adaptable approach
 - (2) experiences of fishers
 - (3) application of marine protected areas (MPA), marine parks (MP)

toward Sustainable Development of Fisheries in Southeast Asia (3)

Man-Power Production

- High-quality education and training are essential: sustainable improvement with business tools, e.g. PDCA management and DAC's 5 evaluation items.
- Man-power production is needed also for the donor side: experiences of experts must be accumulated and transferred to the next generation.
- Benefits from technical cooperation for the Japanese institutes is feed-back to education in Japan.

↓

Regional cooperation in fisheries education

Future Direction: Cooperation Net-Work in Man-Power Production among Institutes in Southeast Asia and Japan

- SEAFDEC
- SEAFDEC Support Committee

↔

- Fac. fisheries of universities
- National fisheries research agency
- Int. Res. Cent. Agr. Sci.

↓

- Internationally collaborative education and training
- Cooperation for research and development

Institutes in SE Asia, e.g.

- Universities
- SEAFDEC departments
- Fisheries training centres

↔

Institutes in Japan, e.g.

- Fac. fisheries of universities
- National fisheries research agency
- Int. Res. Cent. Agr. Sci.

Proposed model toward poverty alleviation from **inferior areas** common in Southeast Asia

Terrestrial discharge including substances of negative impacts to coastal waters

- Industry
- Human life
- Agriculture

Land: Expanding poverty in coastal inferior areas

- Inhabitants for pors
- Poor hygiene and malfunction
- Source of fishery products without safety assurance
- Hazard against food security

Aquatic environment conservation

- Food security
- Human health
- Social safety
- Poverty alleviation

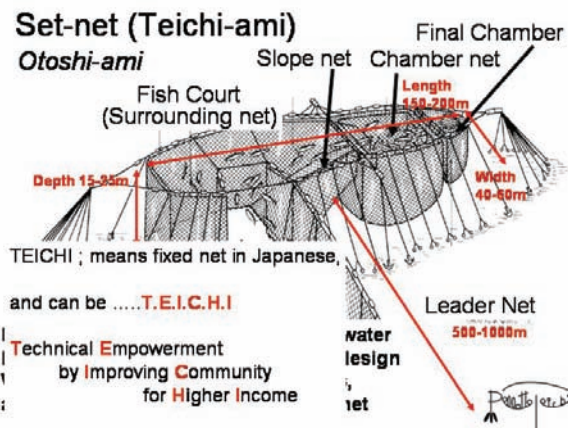
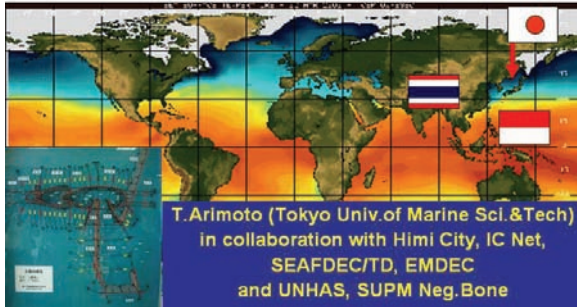
Sea: Contamination with negative impacts

- Destruction of habitat environment for organisms, e.g. eutolofication
- Disturbance against biological reproduction
- Fish and crustacean diseases
- Ecological changes and negative organisms, e.g. red-tide

Annex 16

EMPOWERMENT OF COASTAL COMMUNITY IN SOUTHEAST ASIA THROUGH TECHNOLOGY TRANSFER OF COMMUNITY-BASED SET NET (TEICHI-AMI) FOR SUSTAINABLE FISHERIES

Empowerment of Coastal Community in South East Asia through Technology Transfer of Community-based Set-net (Teichi-ami) for Sustainable Fisheries





Simulation model for evaluating the cost-profit analysis of small scale set-net in Rayong, Thailand

(タイ国ラヨーン県小型定置網の収益採算性評価シミュレーションモデル)

N. Manajit, T. Arimoto, O. Baba, S. Takeda (TUMSAT)
T. Hamaya, I. Hamano (Himi City)
A. Munprasit, T. Amornpiyakrit, W. Yingyuad, N. Yasook (SEAFDEC)
T. Srikum, K. Phutturaksa (EMDEC/DOF)



Introduction

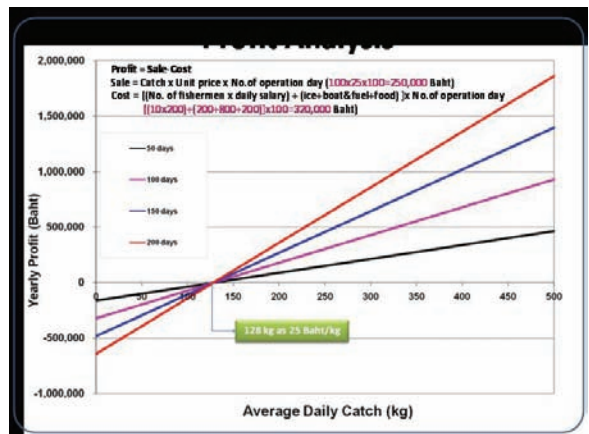
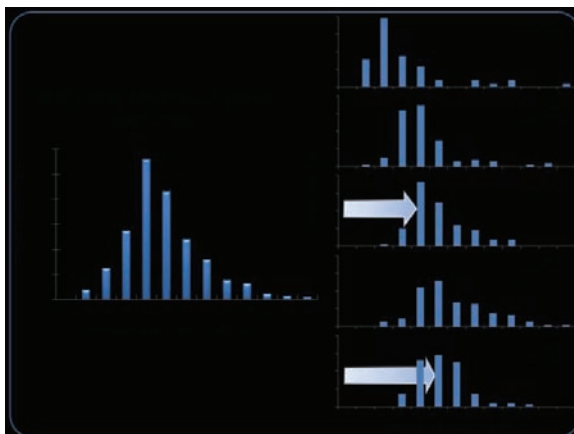
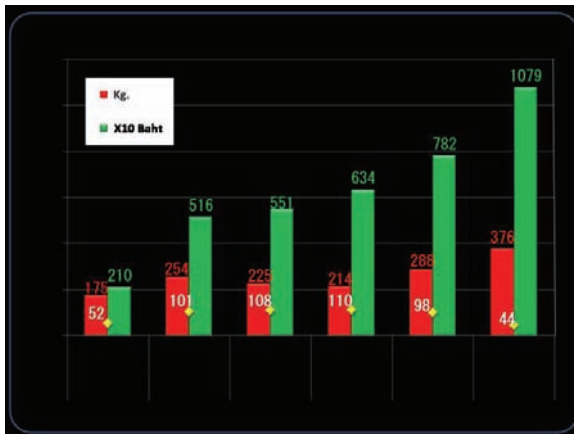
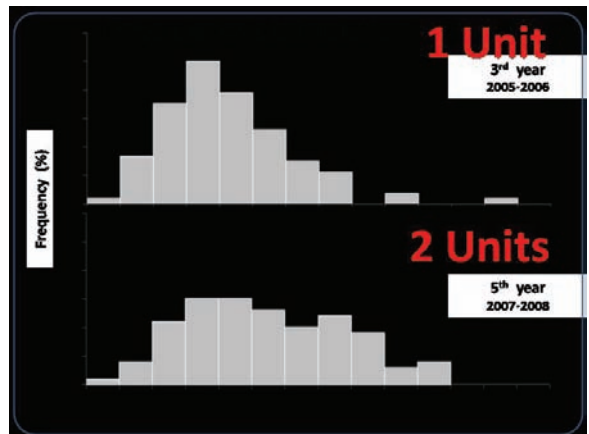
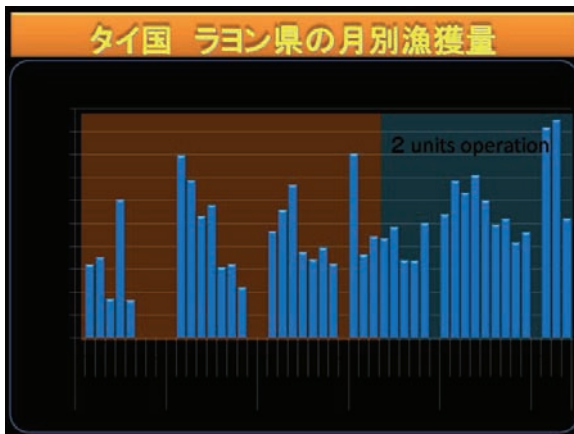
- 2001** ASEAN-SEAFDEC Millennium Conference on Sustainable Fisheries for Food Security in the Region in Bangkok
- 2002** International Set-Net Fishing Summit in Himi
- 2003-2005** SEAFDEC-EMDEC-Fishermen: Introduction of Set-Net Fishing to Develop the Sustainable Coastal Fisheries Management in Southeast Asia: Case Study in Thailand
 Rayong Set-Net Project: EMDEC-Fishermen
- 2005-2007** JICA grass-root project with Himi City
- 2007-Present** Rayong set-net fishers

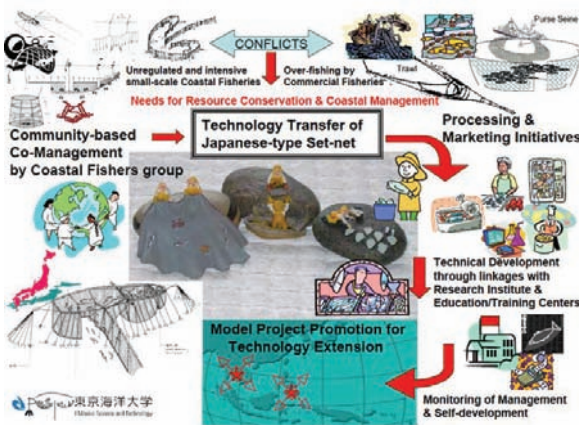


Gear Improvement since 2nd year

1st year 45 x 140 x 250 m

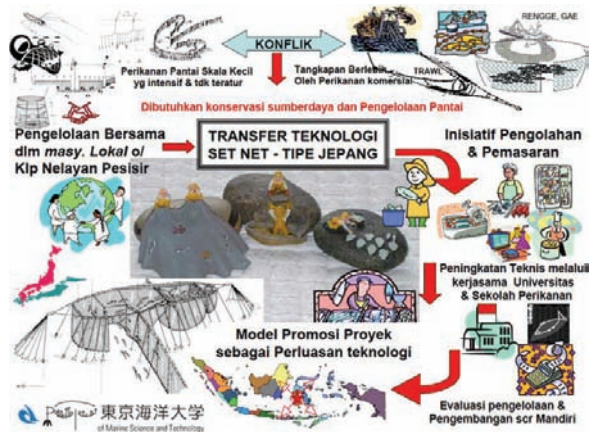
2nd year 20 x 155 x 250 m





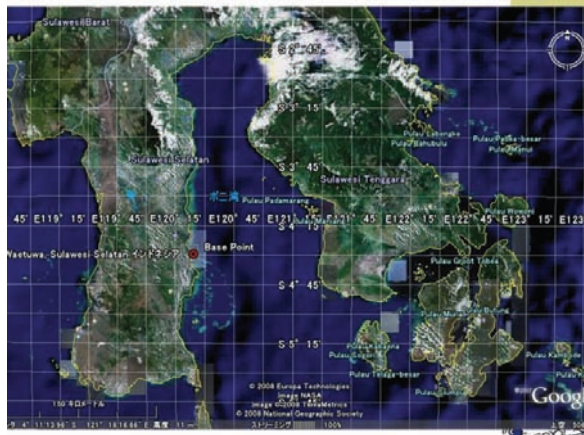
Needs for Technology Transfer of Set-net

- Social Acceptance and Fishing Licensing
- Acceptance and Willingness of Local Fishers
- Capability on Net works and Rope works
- Capability of Leadership and Team Working for Group Operation & Cost-Profit Management
- Technical Supports from Set-net Experts/Ex-Trainees
- Scientific Supports from University/Research Centers
- Extension Services from Local Government



Multi-lateral Collaboration to Challenge the establishment for Pilot Model Project on Set-Net Technology Transfer in Indonesia





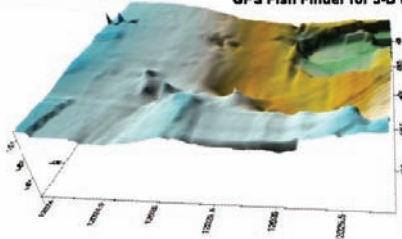
Started with Base-Line Survey

- Fishing Ground
 - Depth Contour, Current Speed / Direction
 - Fish Seasonal Migration
- Fishing Gear / Boat Designing
- Setting Site identification
- Socio-Economics
 - Fishing activities and Income Analysis
 - Marketing/Processing Analysis

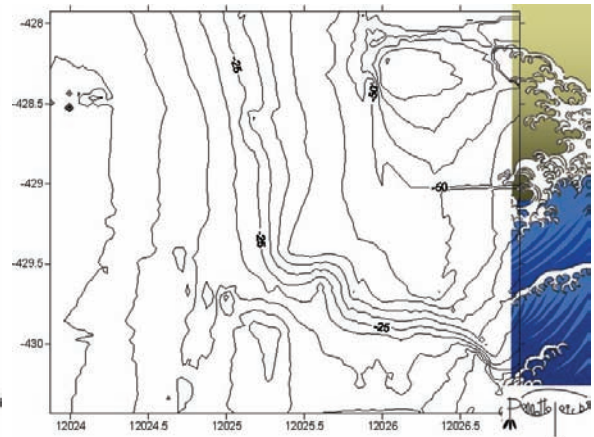
Penelitian



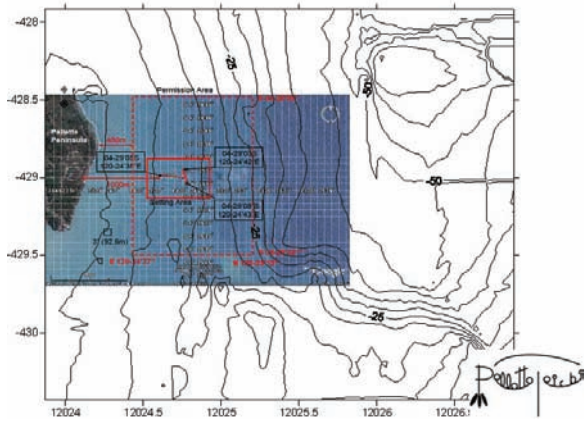
GPS Fish Finder for 3-D depth Map



Penelitian

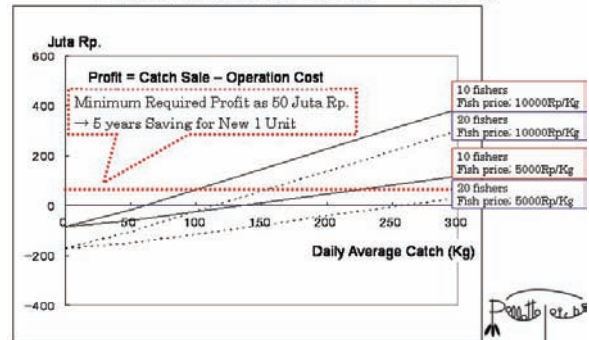


Penelitian



Penelitian

Simulation of Profit Analysis in Bone Set-net 2007 – 2010



Penelitian



2nd mission on Jan.10 -16, 2008



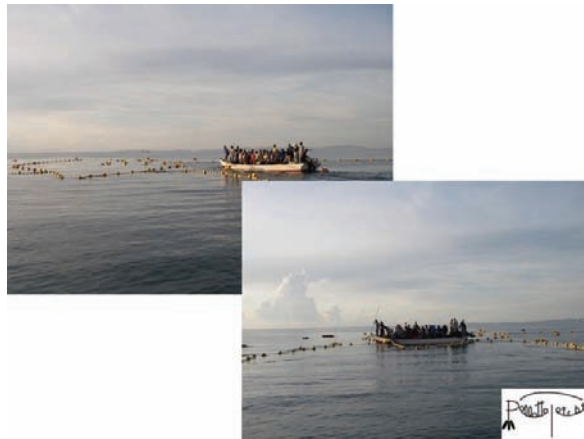
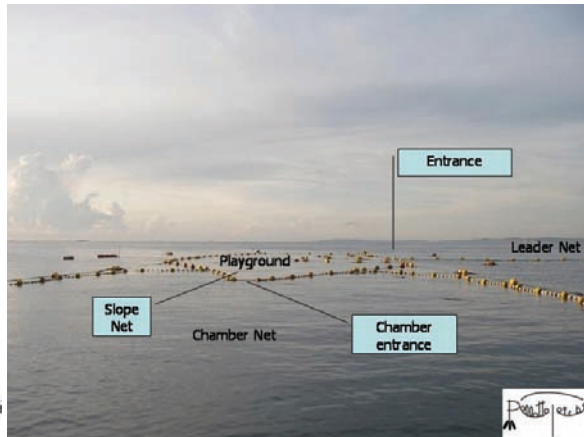
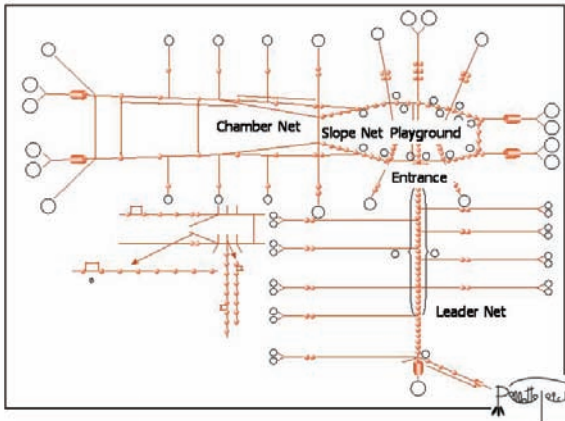
Frame-rope

Penelitian

2nd mission on Jan.10 -16, 2008



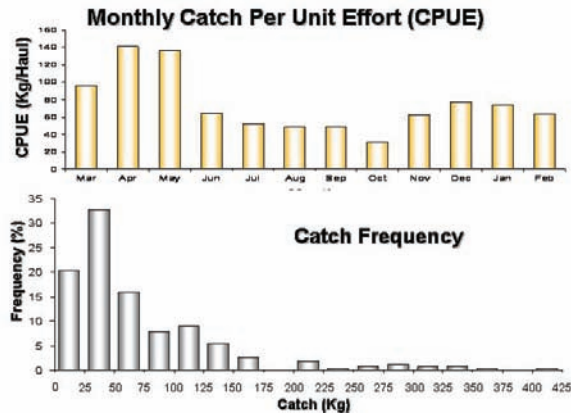
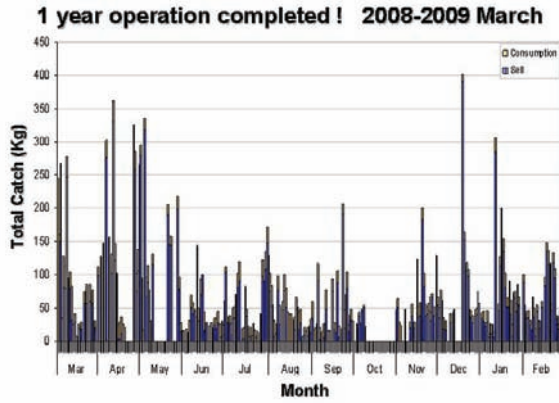
Net-works



The First Haul on March 2008 With 250Kg Catch



Otsukare sama deshita !
Thank you very much indeed for Palette fishermen, SUPM Negeri Bone, UNHAS and SEAFDEC/TD, Himi City, IC-Net !



Bone Program until 2010 August

1. Better Catch
2. Marketing Strategy
3. Ownership
4. Sustainability

Chamber net addition in Southern side
100m Extension of Leader net

Sakana-ya

Importance of Community-based Management for Set-net

- 10-20 fishers working together for operation
- Community is the owner of set-net
- Profit sharing among fishers and for the community
- Giving the concept of the own garden for the fishing ground and fisheries resources
- Leading to the Community-based Coastal Management by the Fishermen's Cooperative

SET-NET of the community, by the community, and for the community



Long steps in Bone Program

- 2007 August: Preparatory mission
- October: 1st mission: Gear preparation
- November: Training Course in Japan
- 2008 January: 2nd mission: Gear Completion
- March: 3rd Mission: Gear Installation, Operation Started
- May: 4th Mission: Monitoring
- June: 5th Mission: Gear Improvement
- July: Training Course in Japan
- 6th Mission: Monitoring & Jakarta Seminar
- November: 7th Mission: Gear Improvement
- 2009 March: 8th Mission: Monitoring
- April: Training Course in Japan
- May: 9th Mission: Monitoring & Manado Seminar
- June: 10th Mission: Gear Re-designing
- until 2010 July

Technical Training at Himi on April 2009

Hamaya-san Set-net Expert

Zaenal-san Indonesia

Nopporn-san SEAFDEC/TD

Study Visit by Thai DOF



**Terima kasih banyak
atas kehadiran
bapak² dan ibu² sekalian !**
Domo ARIMOTO Gozaimashita!

**Sampai jumpa lagi
di INDONESIA
atau, di JAPAN**



Penatto ez. b.s



We wish to invite you to Bone, for learning the community-based set-net (Teichi-ami)

<http://www2.kaiyodai.ac.jp/~tarimoto/index-setnet.html>



Great Thanks to all my Colleagues!

Penatto ez. b.s



**Thank you very much
for your kind attention!**

PROGRESS OF THE IMPLEMENTATION OF INFORMATION STRATEGIES FOR ENHANCING SEAFDEC VISIBILITY AND COMMUNICATION IN THE YEAR 2008

REVIEW OF THE IMPLEMENTATION OF INFORMATION STRATEGIES

Since its establishment in 1967, SEAFDEC has undertaken various activities and regularly developed information materials to support sustainable development of fisheries in Southeast Asia. In 1998, with the establishment of a program on Center-wide Information Network, SEAFDEC information activities have been intensified. Activities under the program primarily aimed at production of materials and conduct of activities to promote SEAFDEC activities and increase the visibility of the Center to target groups and the public. Parallel with the activities under the Center-wide Information Network program, SEAFDEC Departments also implemented activities to promote the activities undertaken by each respective department.

To streamline the initiatives and information activities undertaken by the SEAFDEC Secretariat and Departments, the Information Staff Exchange Program (ISEP) Meeting was regularly organized. The Information Strategies for Enhancing SEAFDEC Visibility and Communication, endorsed by the SEAFDEC Council in 2006, are used as a common policy framework for information-related activities of the organization. The Information Strategies envisions that: *“SEAFDEC shall be a sustained and unified Centre of Excellence for Tropical Fisheries Information, accessible to all committed to sustainable fisheries development and food security, working for the benefit of its Member Countries, in close collaboration with the ASEAN and fishery related organizations regionally and globally.”*, with the following Strategies being identified:

- Strategy 1: Production of relevant, timely, and useful information materials to meet the requirements of the target audience
- Strategy 2: Capacity development of information staff at all levels
- Strategy 3: Enhance the accessibility of SEAFDEC information to target groups
- Strategy 4: Strengthen cooperation and networking with other organizations
- Strategy 5: Enhance internal communication and information sharing
- Strategy 6: Raising SEAFDEC image at international, regional and national levels
- Strategy 7: Sustainability of financial support for information and communication activities
- Strategy 8: Regular monitoring and evaluation of information activities

The implementation of the Information Strategies has been regularly reviewed at the Annual ISEP Meeting and further reported to the Meeting of the SEAFDEC Council for consideration and endorsement. From January to December 2008, the activities implemented could be summarized as follow:

STRATEGY 1: Production of relevant, timely, and useful information materials to meet the requirements of the target audience

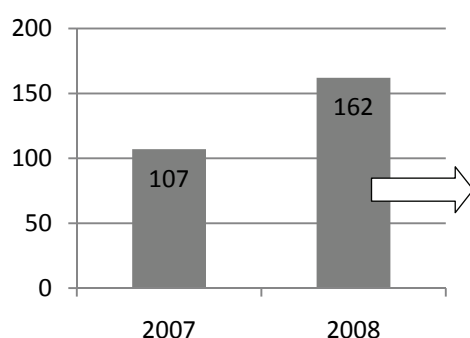
- **Production of information materials**

A number of promotional materials and technical publications have been published and disseminated, and are envisaged to contribute to the visibility of SEAFDEC. The target

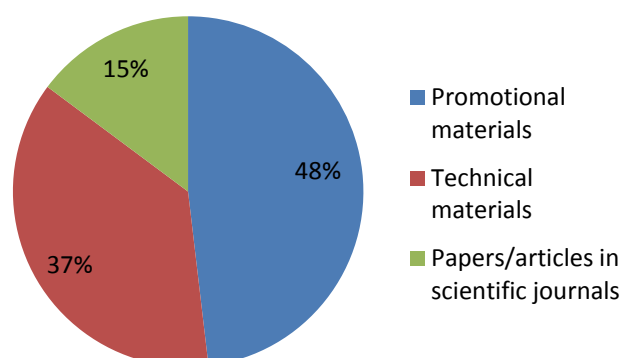
groups for these publications include the SEAFDEC Member Countries and non-Member Countries, countries hosting the Departments, Network Libraries, organizations having collaborative arrangements with SEAFDEC, and international/regional organizations, including donor agencies, as well as specific target groups for different technical issues, i.e. policy makers, research communities, and fisheries stakeholders.

During the year 2008, the total number of publications and other information materials produced by SEAFDEC Secretariat and departments could be summarized as follows:

| Information materials | No. of Titles/ Issues | No. of Copies Produced | No. of Copies Distributed | Remarks |
|--|-----------------------|------------------------|---------------------------|------------------------------------|
| Promotional materials | | | | |
| - Annual report, highlights | 4 | 2,500 | 2,200 | Secretariat, AQD, MFRDMD |
| - Newsletter, periodical publications | 7 | 10,300 | 9,200 | Newsletter, Fish for the People |
| - E-newsletter | 12 | 13,416 | 13,416 | TD, AQD |
| - Promotional publications | 10 | 8,200 | 6,975 | books, flyers, brochures, calendar |
| - Promotional VCD | 2 | 170 | 170 | All by AQD |
| - Souvenirs | 2 | 10,120 | 4,620 | Bookmark & postcard |
| - Promotional posters | 41 | - | - | For display |
| Sub-total | 78 | 44,706 | 36,581 | |
| Technical Materials | | | | |
| - SEAFDEC Annual Meetings | 3 | 450 | 300 | |
| - Technical Publications, Manuals, Proceedings | 44 | 8,935 | 4,988 | |
| - Technical VCD | 13 | 640 | 630 | All by TD |
| Sub-total | 60 | 10,025 | 5,918 | |
| Papers/articles published in scientific journals /proceedings | 24 | - | - | All by AQD |
| TOTAL | 162 | 54,731 | 42,499 | |



Number of titles/issues of information materials produced by SEAFDEC during 2007 and 2008



Percentage of titles/issues of information materials produced by SEAFDEC in 2008, by category of materials

List of promotional materials (Annual Report/Highlights, newsletter, e-newsletter, brochures, promotional VCDs, and posters to promote the organization and activities)

| Title | Copies Produced | Copies Distributed | By |
|---|-----------------|--------------------|-------------|
| Annual Report/Highlights | | | |
| SEAFDEC Annual report 2007 | 1,000 | 950 | Secretariat |
| AQD Highlights 2007 (annual report) | 1,000 | 1,000 | AQD |
| SEAFDEC MFRDMD Highlight 2007 | 500 | 250 | MFRDMD |
| MFRD Annual Highlights 2007 | ... | ... | MFRD |
| Newsletter, periodical publications | | | |
| SEAFDEC Newsletter (Volume 30 Number 4 and Volume 31 Number 1-3) = 4 issues | 6,400 | 5,600 | Secretariat |
| Special Publication: Fish for the People'' (Volume 6 Number 1-3) = 3 issues | 3,900 | 3,600 | Secretariat |
| E-Newsletter | | | |
| TD E-Newsletter (4 issues/year) = 4 issues x 2,500 | | 10,000 | TD |
| AQD Matters (hard print and e-newsletter) = 8 issues x 427 | | 3,416 | AQD |
| Promotional publications | | | |
| Publication commemorating 10-Year Trust Fund to SEAFDEC | 1,000 | 5,00 | Secretariat |
| SEAFDEC Calendar 2009 | 3,000 | 2,900 | Secretariat |
| Brochure on Regional Framework For Fishery Statistics of Southeast Asia | 100 | 100 | Secretariat |
| Brochure on Automatic Squid Jigging | 500 | 450 | TD |
| Brochure on Eco-labeling | 500 | 500 | TD |
| SEAFDEC / AQD (flyer) | 1,000 | 975 | AQD |
| ABOT Technology Packages (flyer) | 1,000 | 1,000 | AQD |
| Institutional capacity development for sustainable aquaculture (revised flyer) | 1,000 | 950 | AQD |
| Generating science-based technologies for sustainable and responsible aquaculture since 1973 (pamphlet) | 50 | 50 | AQD |
| Aquaculture training 2008 (flyer) | 50 | 50 | AQD |
| Promotional VCD | | | |
| AQD Magic (10 min and 3.5 min videos) | 120 | 120 | AQD |
| Compendium of aquaculture technologies on DVD (beta version) | 50 | 50 | AQD |
| Souvenirs | | | |
| Bookmark to promote Training department and SEAFDEC | 10,000 | 4,500 | TD |
| Postcard set of 11 commodities-programs | 120 | 120 | AQD |
| Promotional Posters | | | |
| Poster: Conservation and Management of Aquatic Species (AEG-CITES) (4 posters) | 4 | For display | Secretariat |
| Poster: ASEAN-SEAFDEC collaborative projects and activities on Sustainable Fisheries Development (ASEAN Foundation supported activities) (HRD Workshop 8 posters) | 8 | For display | Secretariat |
| Poster: Regional Framework for Fishery Statistics of Southeast Asia (1 posters) | 1 | For display | Secretariat |
| Poster: Small-Scale Fisheries in Southeast Asia: Issues, Initiatives and the Way Forward (SSF Global Conference – 5 posters) | 5 | For display | Secretariat |
| Poster on the Training for Development Human Resource on Fisheries (Thai version) | 1 | For display | TD |
| Poster on Conservation Enhancement and Management Aquatic Resource (Thai version) | 1 | For display | TD |
| Poster: What is SEAFDEC? (Thai version) | 1 | For display | TD |
| Poster: Survey on Aquatic Resource and Oceanography (Thai version) | 1 | For display | TD |
| Poster: The Automatic Squid Jigging (Thai version) | 1 | For display | TD |

| | | | |
|--|---|-------------|-----|
| Poster: Tuna Purse Seine (Thai version) | 1 | For display | TD |
| Poster: Circle Hook for Sustainable Fishery (Thai version) | 1 | For display | TD |
| Poster: About SEAFDEC (Thai version) | 1 | For display | TD |
| Poster: Sea Turtle Conservation and Management | 1 | For display | TD |
| Poster: Circle Hook for Responsible Fishing | 1 | For display | TD |
| Poster: Small-scale Fisheries | 1 | For display | TD |
| Poster: Turtle Excluder Devices | 1 | For display | TD |
| Poster: Juvenile and Trash Excluder Devices | 1 | For display | TD |
| Poster: Training | 1 | For display | AQD |
| Poster: Development communication | 1 | For display | AQD |
| Poster: ICD-SA | 1 | For display | AQD |
| Poster: Library & databanking services | 1 | For display | AQD |
| Poster: Milestones: tiger shrimp | 1 | For display | AQD |
| Poster: Milestones: abalone | 1 | For display | AQD |
| Poster: Milestones: mudcrab | 1 | For display | AQD |
| Poster: Milestones: stock enhancement | 1 | For display | AQD |
| Poster: Community-based abalone culture | 1 | For display | AQD |
| Poster: Innovation: modular method of abalone culture | 1 | For display | AQD |

Remarks: Number Copies/Distribution of E-newsletter include both hard- and electronic copies information was not recorded/available

List of technical materials (reports, proceedings, scientific/technical publications, VCDs and posters)

| Title | Copies Produced | Copies Distributed | By |
|--|-----------------|--------------------|-------------|
| Report of SEAFDEC Annual Meetings | | | |
| Report of the 30 th Meeting of SEAFDEC Program Committee | 150 | 100 | Secretariat |
| Report of the 10 th Meeting of the ASEAN-SEAFDEC FCG | 150 | 100 | Secretariat |
| Report of the 40 th Meeting of SEAFDEC Council | 150 | 100 | Secretariat |
| Technical Publications, Manuals, Proceedings | | | |
| Community-based Aquaculture Training Report | 60 | 50 | Secretariat |
| Community-based Aquaculture Handbook | 300 | 150 | Secretariat |
| Fishery Statistical Bulletin for the South China Sea Area 2005 | 400 | 250 | Secretariat |
| Regional Framework for Fishery Statistics of Southeast Asia (Book) | 300 | 100 | Secretariat |
| Illegal, Unreported and Unregulated Fishing | 20 | 20 | TD |
| By-catch from Tuna Fisheries in the Eastern Indian Ocean by M.V. SEAFDEC | 20 | 15 | TD |
| Executive Summary Large Pelagic Resource Survey in Southeast Asia Waters | 20 | 15 | TD |
| Mitigation of the Fishery-Sea Turtle Interactions: Efficiency of the Circle Hook in Comparison with J-hook in Longline Fishery | 1,000 | 500 | TD |
| Standard Operation Procedures of Isaacs-Kidd Mid-water Trawl | 20 | 15 | TD |
| Standard Operation Procedures of Deep Sea Beam Trawl | 20 | 15 | TD |
| Standard Operation Procedures of Collapsible Fish Trap | 20 | 15 | TD |
| Check List of Deep Sea Fauna | 20 | 15 | TD |
| Data Management System "FishBio" for Small Pelagic Fisheries | 20 | 15 | TD |
| Preliminary Report Experiments on Fish Handling and Preservation Technique for Squid | 20 | 15 | TD |

| | | | |
|--|-------|-----|------|
| Status of Surimi Industry in the Southeast Asia | 20 | 15 | TD |
| Trend of Surimi Raw Materail in the Southeast Asia | 20 | 15 | TD |
| Preliminary Report Demersal Resource on the Un-trawlable Grounds in the South China Sea and Andaman Sea | 20 | 15 | TD |
| The Implication of Set Net Fisheries to Coastal Fisheries Management | 50 | 30 | TD |
| Institution of the Set Net Fishers Group for the Development of Sustainable Coastal Fisheries Management: the Case of Rayong Province, Thailand | 50 | 30 | TD |
| The Attitude of Local Government Organizations and External Agencies on Set-Net Fisheries and its Technology Transfer for Coastal Fisheries Management | 50 | 25 | TD |
| The Tradition Practice of Fishery Governance in Coastal Zone Management: the Case of Chumphon Province, Thailand | 50 | 25 | TD |
| Preliminary Report Demersal Resource on the Un-trawlable Grounds in South China Sea and Andaman Sea | 20 | 15 | TD |
| Tuna FADs in Mindanao Sea | 20 | 15 | TD |
| Final Project Evaluation “Integrated Coastal Resources Management in Pulau Langkawi (ICRM-PL)” | 100 | 50 | TD |
| Review of the Implementation of the Project on Collection of Information about International Supports in the Region | 50 | 25 | TD |
| Report of Monitoring Socio-Economic Survey in Kuala Teriang, Pulau Langkawi Malaysia in August 2006 | 100 | 50 | TD |
| Fish Larvae Identification Guide for South China Sea and Gulf of Thailand | 500 | 200 | TD |
| Report on Fisheries Resource Survey in the Cambodia Water | 500 | 250 | TD |
| Biannual Project Progress Report of ICRM-PL Jul-Dec 07 | 50 | 25 | TD |
| Fish Landing Data in Prey Nop II under the Project Integrated Coastal Resource Management in Sihanoukville (ICRM-SV) | 100 | 55 | TD |
| Bi-annual Project Progress Report of Integrated Coastal Resource Management in Sihanoukville (ICRM-SV) Jul-Dec 2007 | 50 | 25 | TD |
| Handbook on High Value Fish Handling | 150 | 70 | TD |
| Report on the On-site Training for Introduction of C-hook for Bottom Longline | 25 | 15 | TD |
| Proceeding of the Regional Seminar on Integrated Coastal Resources Management Approach in Southeast Asia | 500 | 270 | TD |
| Guideline on Data Collection and Indicator of Fisheries in Thailand | 200 | 120 | TD |
| Good Manufacturing Practice (GMP) for Small & Medium-Sized Fish & Fish Products Pre-Processing Establishments in ASEAN | 720 | 324 | MFRD |
| Abalone hatchery (manual) | 500 | 309 | AQD |
| Tropical abalone culture (flyer) | 1,000 | 655 | AQD |
| Breeding and seed production of the Asian catfish (manual) | 500 | 318 | AQD |
| Grow-out culture of the Asian catfish (manual) | 500 | 228 | AQD |
| Mudcrab biology and hatchery (manual) | 500 | 274 | AQD |
| Research output of the Fisheries Sector Program (on CD, with a booklet of abstracts) | 100 | 100 | AQD |
| Gracilaria culture (flyer) | 50 | 50 | AQD |

| | | | |
|--|-----|-----|--------|
| Report of the second regional technical consultation on research for stock enhancement of sea turtles (JTF IV) Kuala Lumpur, Malaysia 5 - 7 June 2007 / edited by Ku Kassim Ku Yaacob and Syed Abdullah Syed Abdul Kadir. Kuala Terengganu: SEAFDEC MFRDMD. 2008 | 200 | 200 | MFRDMD |
| Technical Video/VCD | | | |
| Video production "The 45 th Training Course for University students" | 50 | 50 | TD |
| Video production "The 46 th Training Course for University students" | 50 | 50 | TD |
| Video production "The 39 th Meeting of SEAFDEC Council Siem Reap, Cambodia" | 50 | 50 | TD |
| Video production "Training course and demonstration on JTEDs in Trad Province" | 20 | 20 | TD |
| Video production "Reduction of Environmental Impact From Tropical Shrimp Trawling Project In Southeast Asia" | 100 | 90 | TD |
| Video production "Training course on Navigation and Safety at Sea 2008" | 50 | 50 | TD |
| Video production "Training course on Fishing Vessel Operation for Tinsulanonda Fisheries College" | 20 | 20 | TD |
| Video production "The Training course on Coastal Fisheries Management ad Extension Methodology for Thai officer" | 20 | 20 | TD |
| Video production "The International Training Course on Coastal Fisheries Management for Fishery Managers(6-15 May 2008)" | 20 | 20 | TD |
| Video production "Fish Larvae and Advanced Regional Training Workshop on Larval Fish Identification and Fish Early Life History Science (26 May -15 June 2008)" | 20 | 20 | TD |
| Video production "The Workshop on Fisheries and Resource Conservation for young Generation" | 20 | 20 | TD |
| Video production "The International Training Course on Coastal Fisheries Management and Extension Methodology (2-29 September 2008)" | 20 | 20 | TD |
| VCD on SEAFDEC and Sustainable Small-scale Fisheries in Southeast Asia | 200 | 200 | TD |

List of papers published in scientific journals/proceedings (non-SEAFDEC publications)

| Title | By |
|--|-----|
| Agbayani RF, Toledo JD. 2008. Institutional capacity development for sustainable aquaculture and fisheries: strategic partnership with local institutions. IN: Tsukamoto T, Takeuchi T, Kaiser M, Beard D, Kawamura T (eds). Fisheries for Global Welfare and Environment; 5th World Fisheries Congress 2008; TERRAPUB | AQD |
| Cuvin-Aralar MLA, Lazartigue AG, Aralar EV. 2008. Cage culture of the Pacific white shrimp <i>Penaeus vannamei</i> at different stocking densities in a shallow eutrophic lake. Aquaculture Research (online early) | AQD |
| de la Peña LD, Lavilla-Pitogo CR, Villar CBR, Paner MG, Capulos GC. 2008. Prevalence of monodon baculovirus (MBV) in wild shrimp <i>Penaeus monodon</i> in the Philippines. Aquaculture 285:19-22 | AQD |
| Ismail SN, Taha AM, Jing NH, Sulaiman FT, Wahab RA, Hamid AA, Pakingking RV Jr., Huyop F. 2008. Biodegradation of monochloroacetic acid by a presumptive <i>Pseudomonas</i> sp. strain R1 bacteria isolated from Malaysian paddy (rice) field. Biotechnology (online first) | AQD |

| | |
|---|-----|
| Jing NH, Sulaiman FT, Wahab RA, Pakingking RV Jr., Rashid NAA, Huyop F. 2008. Purification and properties of a non-stereospecific dehalogenase enzyme E (DehE) from <i>Methylobacterium</i> sp. HJ1. African Journal of Microbiology Research 2:187-191 | AQD |
| Jing NH, Taha AM, Pakingking RV Jr., Wahab RAB, Huyop F. 2008. Dehalogenase from <i>Methylobacterium</i> sp. HJ1 induced by the herbicide 2, 2-dichloropropionate (Dalapon). African Journal of Microbiology Research 2:32-36 | AQD |
| Santander SMS, San Diego-McGlone ML, Reichardt W. 2008. Indicators of diminished organic matter degradation potential of polychaete burrows in Philippine mariculture areas. The Philippine Agricultural Scientist 16:345-358 | AQD |
| Salayo N, Garces L, Pido M, Viswanathan, Pomeroy R, Ahmed M, Siason I, Seng K, Masae A. 2008. Managing excess capacity in small-scale fisheries: Perspectives from stakeholders in three Southeast Asian countries. Marine Policy 32: 692-700 | AQD |
| Primavera JH, Esteban JMA. 2008. A review of mangrove rehabilitation in the Philippines: successes, failures and future prospect. Wetlands Ecology and Management (online first) | AQD |
| Hurtado AQ, Critchley AT, Trespoey A, Bleicher-Lhonneur G. 2008. Growth and carrageenan quality of <i>Kappaphycus striatum</i> var. <i>sacol</i> grown at different stocking densities, duration of culture and depth. Journal of Applied Phycology (online first) | AQD |
| Okuzawa K, Maliao RJ, Qunitio ET, Buen-Ursua Sma, Leбата Mjhl, Gallardo WG, Garcia LMB, Primavera JH. 2008. Stock enhancement of threatened species in Southeast Asia. Reviews in Fisheries Science 16: 394-402 | AQD |
| Le Vay L, Leбата MJH, Walton M, Primavera J, Qunitio E, Lavilla-Pitogo C, Parado-Esteba F, Rodrigues E, Ut VN, Nghia TT, Sorgeloos P, Wille M. 2008. Approaches to stock enhancement in mangrove-associated crab fisheries. Reviews in Fisheries Science 16: 78-80 | AQD |
| Jing NH, Taha AM, Pakingking RV Jr, Wahab RAB, Huyop F. 2008. Dehalogenase from <i>Methylobacterium</i> sp. HJ1 induced by the herbicide 2, 2-dichloropropionate (Dalapon). African Journal of Microbiology Research 2: 32-36 | AQD |
| Quilang JP, Basiao ZU, Pagulayan RC, Roderos RR, Barrios EB. 2007. Meristic and morphometric variation in the silver perch, <i>Leiopotherapon plumbeus</i> (Kner, 1864) from three lakes in the Philippines. Journal of Applied Ichthyology 23: 561-567 | AQD |
| Maluping RP, Ravelo C, Lavilla-Pitogo CR, Krovacek K, Romalde JL. 2005. Molecular typing of <i>Vibrio parahaemolyticus</i> strains isolated from the Philippines by PCR-based methods. Journal of Applied Microbiology 99: 383-391 | AQD |
| Vairappan CS, Chung CS, Hurtado AQ, Soya FE, Bleicher Lhonneur G, Critchley A. 2007. Distribution and symptoms of epiphyte infection in major carrageenophyte-producing farms. Journal of Applied Phycology (online first) | AQD |
| Toledo JD. 2008. Grouper aquaculture R&D in the Philippines. In: Liao IC, Leño EM (eds). The Aquaculture of Groupers. Manila, Philippines: Asian Fisheries Society, Louisiana, USA: World Aquaculture Society, Keelung, Taiwan: The Fisheries Society of Taiwan, Keelung, Taiwan: National Taiwan Ocean University; p 79-93 | AQD |
| Lavilla-Pitogo CR. 2007. Training needs and provision in developing countries of the Asia-Pacific region. In: Dodet B, the OIE Scientific and Technical Department (eds.). The OIE Global Conference on Aquatic Animal Health. Developments in Biologicals 129: 125-126 | AQD |
| Oclarit JM, Hepowit NL. 2007. DNA amplicons using arbitrary primers distinguish polymorphic loci among mangrove thraustochytrid genomes. OCEANS 2007- Europe. p 1-7 | AQD |
| Maluping RP, Lavilla-Pitogo CR, Romalde JL, Krovacek K. 2008. Molecular typing and antimicrobial susceptibility of <i>Vibrio parahaemolyticus</i> strains. In: Bondad-Reantaso MG, Mohan CV, Crumlish M, Subasinghe RP (eds.). Diseases in Asian Aquaculture VI. Fish Health Section, Asian Fisheries Society: Manila, Philippines. p 451-468 | AQD |
| Barbier EB, Koch EW, Silliman BR, Hacker SD, Wolanski E, Primavera J, Granek EF, Polasky S, Aswani S, Cramer LA, Stoms DM, Kennedy CJ, Bael D, Kappel CV, Perillo GME, Reed DJ. 2008. Coastal ecosystem-based management with nonlinear ecological functions and values. Science 319:321-323 (reports) | AQD |

| | |
|--|-----|
| Walters BB, Ronnback P, Kovacs JM, Crona B, Hussain SA, Badola R, Primavera JH, Barbier E, Dahdouh-Guebas F. 2008. Ethnobiology, socio-economics and management of mangrove forests: A review. <i>Aquatic Botany</i> 89:220-236 (review) | AQD |
| Primavera JH. 2007. Integration of aquaculture and mangroves. <i>Bulletin of Marine Science</i> 80:931 (meeting abstract) | AQD |
| Lavilla-Pitogo CR, De La Pena LD, Tendencia EA. 2007. Enhancing disease monitoring in shrimp through a geographical information system (GIS) application. <i>Preventive Veterinary Medicine</i> 81 (Special Issue): 218-219 (meeting abstract) | AQD |

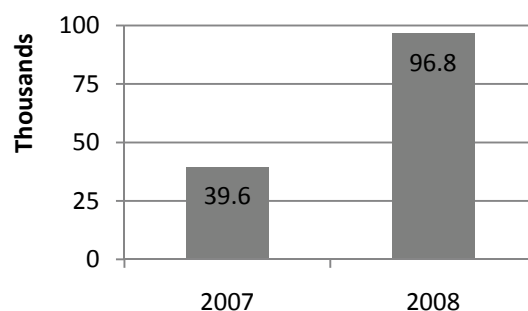
Website established and administered by SEAFDEC

In addition to publications and printed materials, a number of websites were established and maintained by SEAFDEC Secretariat and Departments that provide information to target groups, such as the following:

| Website name | Estimated annual unique visitors | Link from other Website* | Number of Download* | By |
|--|--------------------------------------|--------------------------|---------------------|--------|
| Main SEAFDEC Websites | | | | |
| www.seafdec.org | 35,112 | 6 | 10,530 | Sec |
| td.seafdec.org | 7,456 | 214 | 2,171 | TD |
| www.fishsafetyinfo.com | ... | ... | | MFRD |
| www.seafdec.org.ph | 37,896 | 53 | No monitoring | AQD |
| www.seafdec.org.my | 16,289 | 2 | | MFRDMD |
| Sub-total | 96,753 | 275 | 12,701 | |
| Other Websites developed by SEAFDEC | | | | |
| sea.rsn-ssf.net | 133 | | | Sec |
| ASSP portal website | (under const.) | | | Sec |
| www.aqdnews.blogspot.com | 1,077 (monitoring started Nov 08) | 3 | No monitoring | AQD |
| www.flickr.com/photos/seafdecaqd | 12,000 | none | No monitoring | AQD |
| www.youtube.com/watch?v=C8W4a0v008k | 2,004 | 8 | No monitoring | AQD |

* Number of Link from other website and number of download were recorded starting from 2008

... information was not recorded/available



Total number of visitors to [SEAFDEC](http://www.seafdec.org) and SEAFDEC departmental websites in 2007 and 2008

Remarks: Only visitors to the main SEAFDEC and departmental websites are used in the calculation

For total visitors in 2007, the number represents total visitors to SEAFDEC, TD and AQD websites

For total visitors in 2008, the number represents total visitors to SEAFDEC, TD, AQD and MFRDMD websites

STRATEGY 2: Capacity development of information staff at all levels

One Information Officer of the Secretariat attended a training course on the development and maintenance of web server (Advance Linux Program) to enhance his capacity which could contribute to the future development of websites and boost the visibility of SEAFDEC to the public. In addition, during the annual ISEP Meeting, visits to the Asian Media Information Center (AMIC) and the National Library of Singapore were arranged for the SEAFDEC information-related officers to obtain knowledge and learn the experience in relevant activities.

During the year 2008, the library of SEAFDEC Secretariat and Departments received a number of materials, which are envisaged to also contribute to capacity development of SEAFDEC staff, as follows:

| Library materials received during the year | Secretariat | TD | MFRD | AQD | MFRDMD |
|--|-------------|------------|-----------|------------|-----------|
| Newsletter/serial publications (no. of issues) | 81 | 460 | 30 | 692 | 20 |
| Books, report, technical publications (no of titles) | 90 | 180 | 15 | 209 | 40 |
| Audio-visual Materials (no of items) | 4 | 200 | - | 12 | 6 |
| TOTAL | 175 | 840 | 45 | 913 | 66 |

STRATEGY 3: Enhance the accessibility of SEAFDEC information to target groups

- **Library services , and on-line information services**

Secretariat Library was primarily aimed at providing reference materials for the Secretariat staff. However, the Secretariat library also provides services to visitors based on the available materials. To disseminate information materials produced by the Secretariat, the Secretariat has regularly sent promotional publications to over 140 libraries and fisheries-related organizations both within and outside the region. In addition to the dissemination of publication, SEAFDEC information (e.g. news, future events, programs of activities, fisheries-related articles, list of SEAFDEC publications, etc.) could also be accessed through the SEAFDEC website. The Secretariat's publications are also made available for download through the website.

TD Library was set up to serve as a reference center for Marine Fisheries and Aquatic Sciences. This year, the Library had a collection of 460 Newsletter/serial publications, 180 books, report and technical publications, and 200 audio-visual materials. Presently, the TD library has a network comprising 100 libraries in the world to exchange information and publications. In 2008, eight TD publications with a total of 495 copies were distributed to the library network. Starting at the end of 2007, TD has developed quarterly E-newsletter to promote TD activities worldwide. The E-newsletter is distributed to the TD network via e-mail. Moreover, TD's E-newsletter can also be downloaded from the TD website.

MFRD Library was set up in 1969 to support the core activities of the department in fisheries research and development. The Library has built up a strong collection of literatures in fisheries post-harvest technology, food technology, aquaculture, and food safety with nearly 35,000 items available in the subject areas in the library. MFRD has set up a network with the Singapore National library Board (NLB), and the National University of Singapore to allow MFRD staff to loan books from those libraries, and to exchange publications.

At **AQD**, its library and databanking services include (1) 8-hour library services each working day throughout the year; (2) answering queries on aquaculture topics that are received by email, fax, phone, text and snail mail which numbered 31 from 6 countries in 2008; (3) gifts-and-exchanges of publications with selected libraries and academic / research organizations, numbering 100 in 2008; and (4) continuing digitalization and update of library collection or databases with AQD publications given priority (100% of AQD institutional publications, 95% of books, 50% of serial collections, 30% of reprints or vertical files, and 25% of Filipiniana are already in the Follet databases). Total collection in the Follet Database as of 31 December 2008 was 36,697 titles and 56,860 volumes.

From the AQD website, stakeholders can access (1) the latest news regarding AQD activities that is updated monthly and formatted as web-blog (www.aqdnews.blogspot.com); (2) photos of research and other activities (link to www.flickr.com/photos/seafdecaqd); (3) details of departmental and regional programs assigned to AQD; (4) aquaculture technology summaries and corresponding profitability analyses; (5) contact information for management and technical staff; (6) list, schedule, and description of training courses; (7) 15 publications and videos (also posted at www.youtube.com) which are downloadable, bringing the total number of downloadable PDF files to 91 titles; and (8) listing of more than 800 AQD research publications in science journals and conference proceedings. AQD also maintains “mini-websites” on special topics, like those for (1) ICD-SA; (2) GOJ-TF’s stock enhancement program; and (3) GOJ-TF’s regional fish disease surveillance program.

MFRDMD Library was established in 1992. In 2005, the library was named Knowledge Management Center (KMC), and in 2006, the library took a concept of Digital Library. KMC has a Vision to be Best in class in connecting researchers with information and knowledge proactively; and Mission to provide high quality resources and services in supporting the instructional, research and development programs in fisheries. In addition to provision of information services based on its own resources, KMC also established cooperation with other libraries, to provide information support to the activities of MFRDMD on sustainable development and management of marine fisheries resources.

In summary, the overall activities of SEAFDEC in information dissemination to network libraries and other target groups, and on-line information services, could be summarized as follows:

| | No. of Network Library | No. of publications sent to target group in 2008 | No. of downloadable materials in the website* | Databases accessible in the website | No. of queries for information/publications in 2008 |
|--------------|------------------------|--|---|--|---|
| Secretariat | 140 | 9,000 | 37 | Publications | 12 |
| TD | 100 | 495 | 30 | oceanographic database, fishing gear monograph | ... |
| MFRD | ... | ... | - | - | 50 |
| AQD | 100 | 38 | 104 | Publications and video | 300 |
| MFRDMD | 20 | 20 | 3 | eSCSMFRC, K-MFRDMD and eLarvae | 23 |
| TOTAL | 360 | 9,553 | 174 | | 385 |

* downloadable materials include publications, audio/visual materials, etc. (not include downloadable photo)

... information was not recorded/available

- **Exhibition arrangements**

In addition to the provision of information through publication dissemination, library services, and on-line information services; several exhibition displays were also arranged to provide information on SEAFDEC activities to target groups and public, and disseminate promotional and technical materials:

| | Total number of exhibition displays (no. of events) | Estimated number of visitors* (person) |
|--------------|---|--|
| Secretariat | 3 | 380 |
| TD | 8 | 43,350 |
| MFRD | - | - |
| AQD | 11 | 3,780 |
| MFRDMD | - | - |
| TOTAL | 22 | 47,510 |

* visitors include those that visit/observe SEAFDEC exhibition booth and obtained information (e.g. reading posters, asking for information, getting publications, involving in activities, etc.)

List of Exhibition display arranged by SEAFDEC at various events:

| Exhibition Title | Estimated Visitors | Exhibited by |
|---|--------------------|--------------|
| Conservation and Management of Aquatic Species by SEAFDEC, exhibition at the 6 th Meeting of the AEG-CITES (21-23 May 2008, Chonburi, Thailand) | 30 | Secretariat |
| ASEAN-SEAFDEC projects and activities on Sustainable Fisheries Development supported by the ASEAN Foundation, exhibition at the ASEAN-SEAFDEC RTC on Fisheries Human Resources Development for Poverty Alleviation (3-5 July 2008, Bangkok, Thailand) | 50 | Secretariat |
| Small-Scale Fisheries in Southeast Asia, exhibition at the Global Conference on Small-scale Fisheries (13-17 October 2008, Bangkok, Thailand) | 300 | Secretariat |

| | | |
|---|--------|-----|
| Children's day Exhibition | 5,000 | TD |
| Fisheries Exhibition for Suan-Kulab Pratumthani High School | 2,500 | TD |
| National Fisheries Exhibition | 26,000 | TD |
| Organic Agriculture to Sufficient Economy Exhibition | 6,000 | TD |
| Marine Science Exhibition 2008 | 250 | TD |
| Exhibition on TD's project relevant to small-scale fisheries, at the Global Conference on SSF (16 October 2008, Bangkok, Thailand) | 300 | TD |
| IMT-GT Fisheries Seminar and Expo 2008 (November 2008) | 300 | TD |
| Fisheries Exhibition for Kasetsart University (Nakornpratom Province) | 3,000 | TD |
| Sagay Agro-Fair 2008 by the local government unit of Sagay, Negros Occidental (14-19 March 2008) | 200 | AQD |
| Semana sg Iloilo (Agri-Fair) by the provincial government of Iloilo (7-11 April 2008) | 500 | AQD |
| Bicol Business Week by the local government units of Bicol (13-20 April 2008) | 200 | AQD |
| Shrimp Congress by the Negros Prawn Producers' Cooperative, BFAR, AQD and various private sector partners (28-30 May 2008) | 700 | AQD |
| Capiz Farmer's Day by the provincial government of Capiz (14 April 2008) | 200 | AQD |
| Rizal Provincial Trade Fair by the local government units of Rizal and the Department of Trade and Industry (12-15 June 2008) | 200 | AQD |
| 1 st Pinoy Aquatic Food and Tech Expo by the Department of Agriculture (29-20 August 2008) | 500 | AQD |
| AgriLink-FoodLink-AquaLink by a private sector-government consortium (9-11 October 2008) | 700 | AQD |
| 19 th Statistics Month by the National Economic Development Authority (7-17 October 2008) | 500 | AQD |
| 2008 Fish Conservation Week by BFAR at DA-AANI, Quezon City (19-25 October 2008) | 20 | AQD |
| Book display at the seminar on <i>Marine fish disease: prevention, maintenance, identification and treatment</i> ; Iloilo City; organized by the American Soybean Association (2 December 2008) | 60 | AQD |

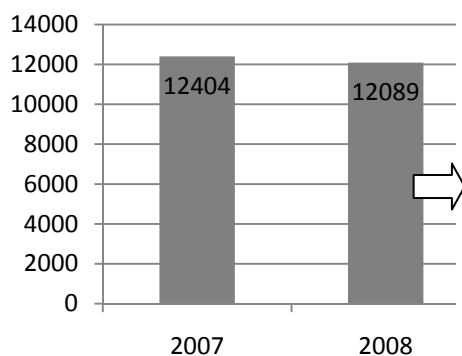
- **Visitors to SEAFDEC**

The number of people who directly visited the Secretariat and Departments are also recorded as one of the indicators on the accessibility to information. These include official visits by Member Countries, Non-member Countries, and International/Regional Organizations, as well as the visit to libraries, facilities, etc. by students and general public.

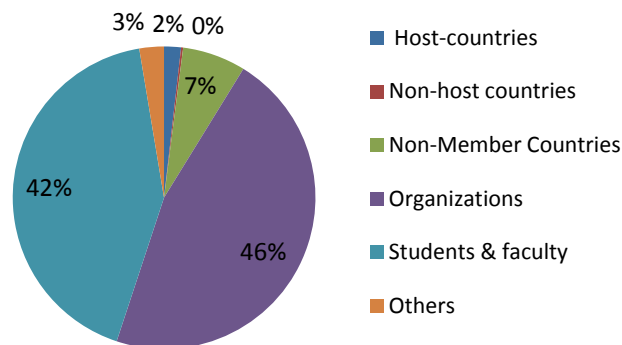
| Category | Number of Visitors | | | | |
|--|--------------------|-----|---|-------|--------|
| | Sec | TD | MFRD | AQD | MFRDMD |
| Fisheries-related agency from countries hosting department | 23 | 1 | <i>(only cumulative number of visitor is available)</i> | 366 | 3 |
| Fisheries -related agency from other Member Countries | - | 6 | | 5 | |
| Fisheries-related agency from non-Member Countries | 13 | 2 | | 23 | 13 |
| International/regional organizations (fisheries and non-fisheries) | 14 | 23 | | 1,442 | 2 |
| Students & faculty | 19 | 191 | | 8,668 | 38 |

| | | | | | |
|---|------------|------------|------------|---------------|------------|
| Others (public, private sector, NGOs, etc.) | 40 | 12 | | 536 | 100 |
| TOTAL | 109 | 235 | 549 | 11,040 | 156 |

Remarks: Number of visitors does not include participants that involve in the activities such as meetings, training program, internship, and study tour programs conducted by the department



Number of visitors to SEAFDEC during 2007 and 2008, by category of visitors



Percentage of visitors to SEAFDEC Secretariat and Departments in 2008, by category of visitors

STRATEGY 4: Strengthen cooperation and networking with other organizations

Collaboration between SEAFDEC and other organizations has been established either under formal collaborative agreement, or implementation of collaborative activities. In 2008, the cooperation and networking between SEAFDEC and other partner organizations are listed as follows:

| Organization | Form of Collaboration | With |
|--|-----------------------------|-------------|
| Association of the Southeast Asian Nations (ASEAN) | FCG Prog., ASSP | Secretariat |
| Japanese Government (Fisheries Agency) | Funding Support | Secretariat |
| ASEAN Foundation | Funding Support | Secretariat |
| Swedish International Development Cooperation Agency (Sida) | Funding Support | Secretariat |
| World Organisation for Animal Health (OIE) | Agreement | Secretariat |
| Maejo University, Thailand | MOU | Secretariat |
| Food and Agriculture Organization of the United Nations (FAO) – FIRMS, CWP | Agreement | Secretariat |
| Asia-Pacific Fisheries Commission (APFIC) | Collaborative activities | Secretariat |
| Mekong River Commission | Collaborative activities | Secretariat |
| World Wildlife Fund for Nature (WWF) | Collaborative activities | Secretariat |
| WorldFish Center | Collaborative activities | Secretariat |
| Hokkaido University, Japan | Agreement | Sec & TD |
| UNEP/GEF/South China Sea Project | Funding support, Activities | TD |
| Food and Agriculture Organization of the United Nations (FAO) | Funding support, Activities | TD |
| DA/BFAR, Philippines | Collaborative activities | TD |
| India Ocean South-East Asian (IOSEA) | Collaborative activities | TD |
| World Wildlife Fund for Nature (WWF) | Collaborative activities | TD |

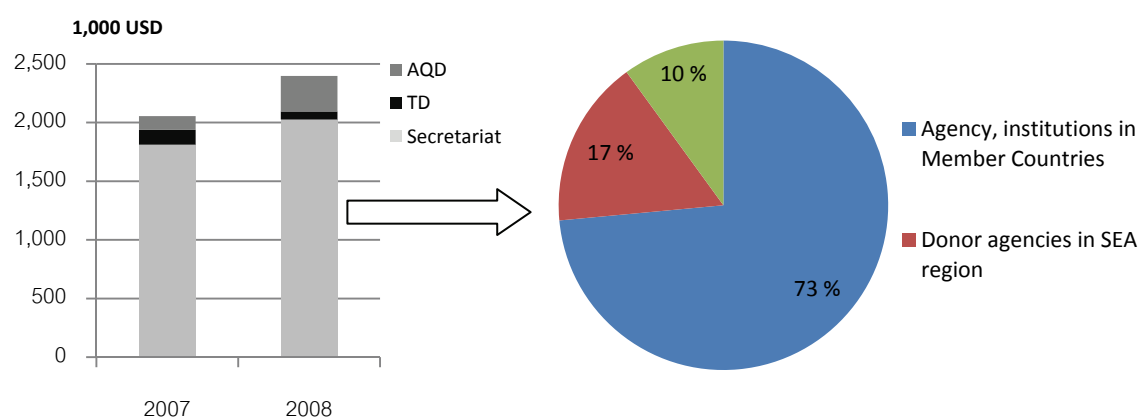
| | | |
|--|--------------------------|-----|
| International Union for Conservation of Nature (IUCN) | Collaborative activities | TD |
| National Oceanic and Atmospheric Administration (NOAA) | Collaborative activities | TD |
| Western Pacific Fishery Management Council (WPFMC) | Collaborative activities | TD |
| Tokyo University of Marine Science and Technology | Collaborative activities | TD |
| Department of Agrarian Reform (to provide technical assistance to the agrarian reform beneficiaries and develop programs and provide training assistance) | MOU | AQD |
| Phillips Seafood Philippines Corporation (to provide necessary infrastructures, appropriate site and technical assistance) | Agreement | AQD |
| Province of Misamis Occidental (to provide technical and training support; prepare project proposal and undertake research suitable for the project of the Province; and detail SEAFDEC technician at MOAP to oversee operation) | Agreement | AQD |
| Golden Agribusiness Corporation (to provide technical assistance in coordination with the ABOT-AquaNegosyo project guidelines) | Agreement | AQD |
| Bureau of Fisheries and Aquatic Resources III (to conduct site and technology assessment and baseline socio-economic survey) | Agreement | AQD |
| Municipality of Kalibo (Aklan) and Bureau of Fisheries and Aquatic Resources VI (to provide technical assistance in the completion of the final phase of construction; to provide necessary training for the operationalization of the hatchery; and to provide seabass eggs or yolk-stage larvae at cost) | Agreement | AQD |
| Australian Centre for International Agricultural Research (ACIAR) (to provide a detailed assessment including recommendations to ACIAR on R&D investment opportunities of the abalone industry of Eastern Indonesia) | Agreement | AQD |
| National Institute of Fisheries, Ecuador (to provide technical assistance in the establishment of aquaculture facilities, conduct of feasibility studies, and the conduct of training on marine fishes; December 2008) | Agreement | AQD |
| Bureau of Fisheries and Aquatic Resources, Provincial Government of Davao Oriental, City Government of Mati, Davao Oriental (to provide technical assistance in mariculture zone and multi-species hatchery project; October 2008) | Agreement | AQD |
| Municipality of Kalibo, Aklan, Bureau of Fisheries and Aquatic Resources Region VI (to provide technical assistance in the establishment of a seabass satellite hatchery; June 2008) | Agreement | AQD |
| Private sector in the Philippines (with Santeh Feeds Corporation for breeding the pompano, two entrepreneurs for technical assistance through the ABOT program, one for pilot-testing mudcrab hatchery, one as a locator in the Igang mariculture park, and one for the verification trial of sea bass cage culture) | Agreements | AQD |

In terms of funding support, SEAFDEC received support from donor agencies, other organizations and Member Countries (excluding funding support for department operations, and Minimum Regular Contribution), of which the support in 2008 could be summarized as follows:

| Organizations | Scope | Estimated annual Budget (USD) for 2008 | To |
|--|---|--|-------------|
| Government of Japan through the Japanese Trust Fund | Programs under FCG Mechanism | 1,532,534* | Secretariat |
| Swedish Sida | HRD in fisheries management and implementation of CCRF | 141,791 | Secretariat |
| ASEAN Foundation | Institutional capacity building for promotion of "One Village One Fisheries Product (FOVOP)" (November 2007-October 2009 with total budget 241,246 USD) | 120,623* | Secretariat |
| ASEAN Foundation | HRD on Poverty Alleviation and Food Security by Fisheries Intervention in the ASEAN Region (2008-2009 with total budget = 463,837 USD) | 231,919 | Secretariat |
| UNEP/GEF/SCS | Advance Regional Training Workshop on the Identification of Larval Fish and Fish Early-Life History Science | 42,204 | TD |
| FAO | Workshop on Assessment and Management of the Offshore Resources of South and Southeast Asia | 11,258 | TD |
| FAO | Support to Safety at Sea Measures | 5,000 | TD |
| FAO | Support to Guideline and advice for harvesting technologies in deep waters and environmentally sensitive areas | 5,000 | TD |
| Tinsulanonda Fisheries College | The Training Course on Fishing Vessel Operation for Tinsulanonda Fisheries College (September 2008 to February 2009 with total budget 7,571 USD) | 5,046 | TD |
| North Carolina State University | Alternative Feeding Strategies to Improve Milkfish Production (April 2007 – Sept 2009) | 36,653 | AQD |
| Petron Foundation, Inc. | Milkfish Cage Culture as Livelihood Option for affected Guimaras Fisherfolk (July - Dec 2008) | 38,847 | AQD |
| Bureau of Fisheries and Aquatic Resources-National Fisheries Research and Development Institute (BFAR-NFRDI) | Capacity-building of BFAR-NFRDI in Fish Health Management through Training and Collaborative Research (June 2007-July 2009) | 38,262 | AQD |
| BFAR-NFRDI | Aquaculture Biotechnology Program (January-Dec 2008) | 21,057 | AQD |
| Australian Center for International Agricultural Research (ACIAR) | Integrated fisheries resource management (Rinconada Lakes, Philippines and NSW, Australia): Aquaculture and Water Quality Component (January-Dec 2008) | 5,295 | AQD |
| ACIAR | ACIAR-SADI Abalone Industry enhancement scoping mission to SE Sulawesi, Indonesia (January-May 2008) | 34,984 | AQD |
| BFAR | Grow-out of <i>Penaeus vannamei</i> in Paoay Lake (May 2008-April 2011) | 3,284 | AQD |

| | | | |
|---|--|------------------|-----|
| Action for Community Empowerment Association, Inc. (ACE) | Enhancing Adoption of Mud Crab Production Technologies in Northern Samar (July 2007-Dec 2009) | 11,193 | AQD |
| Province of Misamis Occidental | Technical Assistance to Misamis Occidental Aquamarine Park (MOAP) Multi-Species Hatchery (Jan 2008-Dec 2009) | 12,352 | AQD |
| Philippine Australia Community Assistance Program-MOAVEC-Province of Misamis Occidental | Institutional Capacity Development on Sustainable Aquaculture (Grouper Cage Culture Livelihood Venture for Selected Fisherfolks Communities in Misamis Occidental) (Jan 2008-Mar 2009) | 17,603 | AQD |
| Gata Daku Multi-Purpose Cooperative-Province of Misamis Occidental | Institutional Capacity Development on Sustainable Aquaculture (Enhancing Adoption of Improved Grouper Production Technologies in Misamis Occidental) (Nov 2007-Nov 2009) | 83,197 | AQD |
| Total | | 2,398,102 | |

* For implementation of programs by the Secretariat and Departments



Amount of funding support (1,000 USD) from donors, other organizations in 2007 and 2008

Percentage of funding supports to SEAFDEC in 2008, by categories

In addition to strengthening cooperation with other organization, SEAFDEC Secretariat was also base station of the Regional Fisheries Policy Network (RFPN) members, as nominated by the SEAFDEC Member Countries, to facilitate communication and coordination with Member Countries on various fisheries-related policy issues. In early 2008, the RFPN comprises representatives from Cambodia, Indonesia, Malaysia, the Philippines, Thailand, and Vietnam stationed at the SEAFDEC Secretariat; and virtual members from Japan, Myanmar and Singapore stationed in their respective countries. However, due to unavailability of budget to sustain the activities, there were no more RFPN members stationed at the Secretariat from July 2008, and only virtual members remain.

During 2008, SEAFDEC also maintained the dedicated e-mail to enhance communication among SEAFDEC staff and experts working on particular areas/technical disciplines as follows:

| | |
|----------------------------|--|
| ssf@seafdec.org | Participants of the RTC on small-scale fisheries to provide update information on the Global Conference on SSF |
| Turtle_task@seafdec.org | The network who related in sea turtle task |
| Gear_expert@seafdec.org | The network who is expert in fishing gear |
| Larvae_network@seafdec.org | The network who work in fish larvae field |
| Turtle_expert@seafdec.org | The network who is expert in sea turtle |

STRATEGY 5: Enhance internal communication and information sharing

Internal communication and information sharing among SEAFDEC staffs have been enhanced through the use of e-mail communication. E-mail address system has been created by the Secretariat and each department, as follows:

| Department | E-mail format |
|-------------|--|
| Secretariat | name@seafdec.org |
| TD | name@seafdec.org |
| MFRD | name_surname@ava.gov.sg or surname_name@ava.gov.sg |
| AQD | name@seafdec.org.ph |
| MFRDMD | name@seafdec.org.my |

In addition, to enhance communication among SEAFDEC staff e-groups have also been created as follows:

| Sub-group | For |
|--|--|
| secstaff@seafdec.org | All Secretariat staff |
| RFPN@seafdec.org | All Regional Fisheries Policy Network (RFPN) members and virtual members |
| tdstaff@seafdec.org | All TD staff |
| council@seafdec.org | All SEAFDEC Council Directors |
| acouncil@seafdec.org | All SEAFDEC Alternate Council Directors |
| nc@seafdec.org | All SEAFDEC National Coordinators |
| seniorsec@seafdec.org | All Secretariat senior staff |
| seniortd@seafdec.org | All TD senior staff |
| all@seafdec.org.ph | All AQD staff |
| dream_team@seafdec.org.ph | AQD staff involved in Institutional capacity dev. project |
| devcom_staff@seafdec.org.ph | AQD staff under Development Communication Section |

In addition to e-mail communication, TD and AQD have produced regular internal Newsletter (TD Newsletter and AQD Matters) in order to update the departmental staff and the public on the progress of the projects and activities undertaken by the Departments.

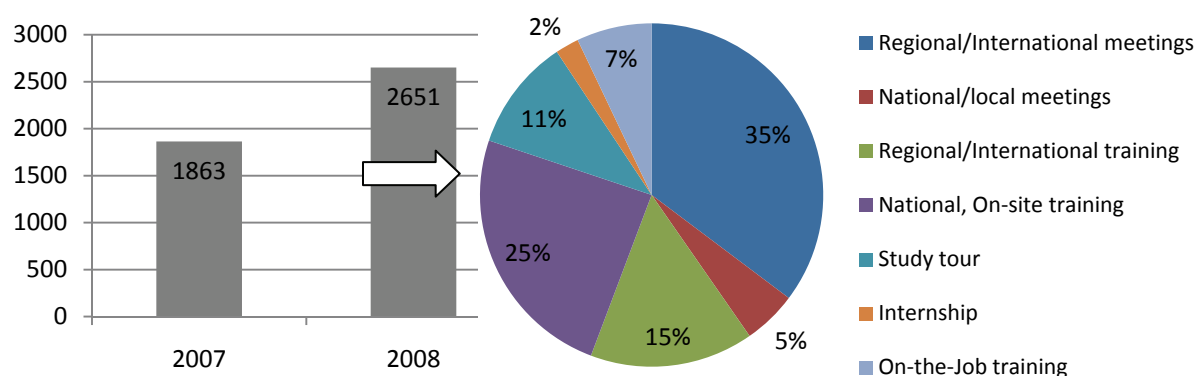
STRATEGY 6: Raising SEAFDEC image at international, regional and national levels

Activities have been conducted to enhance the SEAFDEC image at the international, regional and national levels. These include the organization of events (meeting, training course, etc.) by SEAFDEC, with participation from both member and non-member countries, as well as other organizations; participation of SEAFDEC representatives to provide inputs during events organized by other organizations; and the development of press statements for the regional activities organized by SEAFDEC.

- **Meetings, Training, etc. organized by SEAFDEC** (number of event, total no. of participants)

| | Secretariat | | TD | | MFRD | | AQD | | MFRDM D | |
|---|-------------|------------|-----------|------------|----------|-----------|-----------|--------------|------------|-----------|
| | | | | | | | | | | |
| SEAFDEC regional/International meetings, seminar, workshop | 18 | 719 | 3 | 55 | 2 | 45 | 1 | 63 | 2 | 50 |
| SEAFDEC national/local meeting, seminar, workshop, consultation, etc. | - | - | 4 | 92 | - | - | 1 | 43 | - | - |
| International/regional training course (no of course/trainees) | 1 | 30 | 13 | 238 | - | - | 13 | 141 | - | - |
| National, On-site training courses (course/trainees) | - | - | 11 | 332 | - | - | 18 | 316 | - | - |
| Study tour (no. of program/trainees) | - | - | 1 | 30 | - | - | 25 | 250 | - | - |
| Internship (group/persons) | - | - | - | - | - | - | - | 59 | - | - |
| On-the-Job training (college/students) | - | - | 6 | 15 | - | - | 28 | 173 | - | - |
| Total | 19 | 749 | 38 | 762 | 2 | 45 | 86 | 1,045 | 2 | 50 |

(See the list of activities in *Appendix 1*)



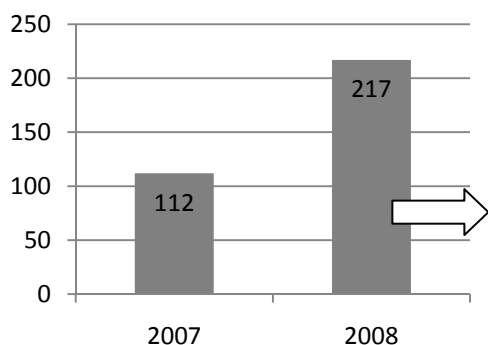
Total number of participants involved in events organized by SEAFDEC Secretariat and Departments in 2007 and 2008

Percentage of participants involved in events organized by SEAFDEC Secretariat and Departments in 2008, by category of events

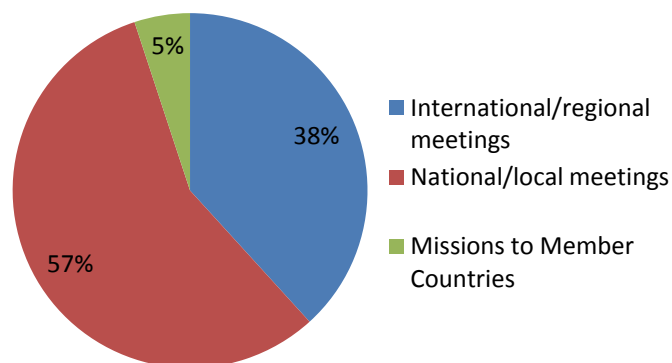
- **SEAFDEC Participation to events organized by other organizations, including SEAFDEC Missions to Member Countries** (number of event, number of participants from SEAFDEC)

| | Secretariat | | TD | | MFRD | | AQD | | MFRDM D | |
|--|-------------|-----------|-----------|-----------|----------|----------|-----------|------------|------------|-----------|
| | | | | | | | | | | |
| Meeting organized by other organizations at regional/international level | 11 | 28 | 7 | 8 | 2 | 4 | 21 | 39 | 2 | 4 |
| Meeting organized by other organizations at national/local level | 2 | 4 | 14 | 27 | - | - | 32 | 77 | 1 | 15 |
| Mission to visit member countries | 2 | 10 | - | - | - | - | - | 1 | - | - |
| Total | 15 | 42 | 21 | 35 | 2 | 4 | 53 | 117 | 3 | 19 |

(See the list of activities in *Appendix 2*)



Number of SEAFDEC officials Participating in meetings organized by other organizations, incl. SEAFDEC mission in 2007 and 2008



Percentage of SEAFDEC officials Participating in events organized by other organizations in 2008, by category

• **Press Statements and Appearance in Press**

During the year, the number of press statements officially released by SEAFDEC, and number of appearance of SEAFDEC activities in public media could be summarized as follows:

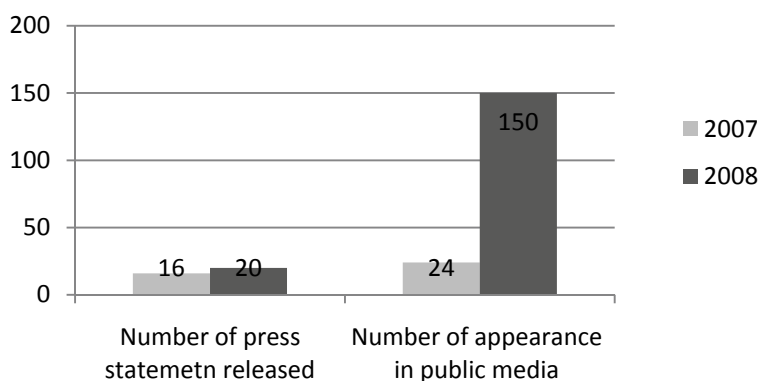
| | Secretariat | TD | MFRD | AQD *** | MFRDMD |
|---|-------------|----|------|------------|--------|
| Number of Press Statements officially released by SEAFDEC (TOTAL) | 3 | 3 | - | 12 | 2 |
| Number of appearance in public media and website | | | | | |
| - Newspaper/magazines * | 1 | 12 | | 12+24 | |
| - Websites | - | 1 | | 11+89 | |
| - Radio** | - | 1 | | 0 | |
| - Television | - | 1 | | 1+3 | |
| Sub-total | 1 | 15 | 0 | 140 | 0 |

(See the list of Press Statements in *Appendix 3*)

* If the news on the same event appears many times in difference newspaper, total number of appearance should be reported

** If the same radio spot is broadcasted in the same channel for many days, the appearance should be reported only once

*** Number resulting from press statement, plus number resulting from independent media coverage



However, in determining the number of press statements and media releases, it should be noted that MFRD and MFRDMD are also under the government of Singapore and Malaysia, respectively, thus the production/delivering of public and press release are subject to the policy of the respective national government.

- **Common/coordinated position of the region reflected at the international fora**

In 2008, regional common/coordinated positions were prepared in consultation with SEAFDEC Member Countries: 1) common/coordinated positions on international fisheries-related issues; and 2) coordinated Positions for the promotion of sustainable small-scale fisheries in Southeast Asia. These coordinated position have been used by Member Countries and SEAFDEC representatives in providing inputs during their participation to relevant meetings organized at the international level, e.g. the ASEAN-Expert Group on CITES, and the Global Conference on Small-Scale Fisheries.

- **Development of Questionnaire to evaluate SEAFDEC image at international, regional and national levels**

A Questionnaire to monitor SEAFDEC visibility was designed. It is envisaged that the use of similar questionnaire by all SEAFDEC departments could provide overall results on views and opinion of various target groups on the activities and visibility of SEAFDEC.

STRATEGY 7: Sustainability of financial support for information and communication activities

- **Cost, and returns from production of selling items (publication, etc.)**

| Dept. | Publication Title | Number of Copies | | | Cost and Revenue (USD) | |
|-------|---|--|--|-----------------------|--|--------------------|
| | | Total production | Free distribution | Total Selling | Production & mass delivery | Revenue |
| Sec. | Several titles of promotional publications statistical bulletins, reports of meeting/ trainings courses, etc. | 16,910 | Most of publications are distributed for free | - | 9,457 (production cost only) | 0 |
| TD | From 2002, TD published 16 titles of publications | >15,000 | 515 (Data for year 2008) | 13 (Data for 2008) | ... | 53 (Data for 2008) |
| AQD | From 1996 to present, AQD published 40 titles of aquaculture publications | 1,000 for flyers and 500-1,000 for manuals & books | All flyers and institutional promotion materials (videos included) | All manuals and books | Each year, AQD sells about 5-10% of its total publication inventory valued at approx. P4 million | |

To enhance effectiveness and sustainability of activities, the mailing list of SEAFDEC publications have also been regularly reviewed; and many publications have been digitized and available for download from the SEAFDEC websites.

TD also sells a number of souvenir items, e.g. t-shirt, scarf, neck tie, bags, etc, aiming to promote public awareness and visibility of SEAFDEC under the cost-recovery basis.

- **Regular monitoring and evaluation of information activities**

The annual ISEP Meeting is organized to provide platform for monitoring and evaluation of information activities, as well as planning for the annual information activities to be undertaken by SEAFDEC Secretariat and Departments. Progresses in the implementation of the activities have been consolidated in line with the Information Strategies, which are reported to the Council Meeting for consideration and endorsement.

**Meetings, Training, and Other Activities
Organized, or co-organized by SEAFDEC in 2008**

| Title (Date, Venue) | Category | Participants | Department |
|--|-----------------|---------------------|-------------------|
| ASEAN-SEAFDEC Workshop on Implementation of ASEAN Roadmap for Integration of the Fisheries Sector (13-15 January 2008, Bangkok, Thailand) | 1 | 50 | Sec |
| Regional Technical Consultation on International Fisheries Related Issues (12-14 February 2008, Thailand) | 1 | 50 | Sec |
| ASEAN-SEAFDEC Regional Expert Meeting on Sea Cucumber Fisheries (18-20 March 2008, Thailand) | 1 | 30 | Sec |
| 40 th Meeting of SEAFDEC Council (7-10 April 2008, Bali, Indonesia) | 1 | 50 | Sec |
| 1 st Regional Technical Consultation (RTC) on the Promotion of "One Village, One Fisheries Product (FOVOP)" in the ASEAN Region (24-27 March 2008, Thailand) | 1 | 50 | Sec |
| ASEAN-SEAFDEC RTC on Small-scale Fisheries in Southeast Asia (29 April – 2 May 2008, Bangkok, Thailand) | 1 | 50 | Sec |
| The Sub-Regional Meeting on the Gulf of Thailand in follow up to the RPOA-IUU Meeting in Bali (28-29 March 2008, Bangkok, Thailand) | 1 | 50 | Sec |
| Expert Meeting on Vessel Registration (30 June – 2 July 2008, Phuket, Thailand) | 1 | 30 | Sec |
| ASEAN-SEAFDEC Regional Technical Consultation on Fisheries Human Resources Development for Poverty Alleviation in ASEAN (3 to 5 July 2008, Bangkok, Thailand) | 1 | 50 | Sec |
| Regional Consultation Meeting on the Emerging Regional Fishery Policy Issues (15-16 July 2008, Bangkok, Thailand) | 1 | 50 | Sec |
| Regional Workshop for Streamlined Reporting of Fishery Statistics in Southeast Asia (28-31 July 2008, Bangkok, Thailand) | 1 | 25 | Sec |
| Regional HRD Workshop on Identification of Potentials and Problem Areas for Promotion of "FOVOP" in the ASEAN Region (18-23 August 2008, Bangkok, Thailand) | 1 | 50 | Sec |
| 2 nd Joint Regional Training on Community-Based Aquaculture for Remote Rural Areas of Southeast Asia (1-14 September 2008, Lao PDR) | 3 | 30 | Sec |
| 1 st Meeting of SEAFDEC Regional Advisory Committee (RAC) (23-25 September 2008, Thailand) | 1 | 30 | Sec |
| Meeting of Working Party on Information Collection of Tuna in the Southeast Asian Waters (8-9 October 2008, Thailand) | 1 | 20 | Sec |
| 9 th Information Staff Exchange Programme Meeting (30 October- 1 November 2008, Singapore) | 1 | 18 | Sec/MFR D |
| 31 st Meeting of SEAFDEC Program Committee (3-5 November 2008, Singapore) | 1 | 44 | Sec/MFR D |
| 11 th Meeting of Fisheries Consultative Group (FCG) for the ASEAN-SEAFDEC Strategic Partnership (ASSP) Program (6-7 November 2008, Singapore) | 1 | 42 | Sec/MFR D |
| Workshop and Demonstration of the Use of C-hook for Longline and Introduction of Longline Reel System (20-29 July 2008, Vietnam) | 1 | 25 | TD |

| | | | |
|--|---|----|----|
| The Regional Workshop on the Implication of Indicators Using for Coastal Fisheries Management in ASEAN Region (22-24 July 2008, TD, Thailand) | 1 | 10 | TD |
| Stakeholder Consultative Workshop in Nam Ngum Reservoir, Lao PDA | 1 | 20 | TD |
| The Workshop on Fisheries and Resource Conservation for Young Generation (8-10 April 2008, TD, Thailand) | 2 | 42 | TD |
| National Workshop on Data Collection and Data Indicators Manual for Commercial Fishing Vessels in Thailand (5-7 August 2008, TD, Thailand) | 2 | 20 | TD |
| National Workshop on Data Collection and Data Indicators Manual for Small Scale Fishery in Thailand, (13-15 August 2008, TD, Thailand) | 2 | 13 | TD |
| The Conclusive National Workshop on Guideline and Standard method of data collection and indicator of Large-scale fisheries in Thailand. (18-20 November 2008, TD, Thailand) | 2 | 17 | TD |
| Demonstration and Training Tagging for Small Pelagic Fisheries in the Cambodia (10-13 January 2008, Cambodia) | 3 | 20 | TD |
| Demonstration and Training Tagging for Small Pelagic Fisheries in the Myanmar (14-17 January 2008, Myanmar) | 3 | 25 | TD |
| Promote and Training on Program for Economically Importance Pelagic Species in the South China Sea and Andaman Sea (14-17 January 2008, Myanmar) | 3 | 30 | TD |
| Demonstration and Training Tagging for Small Pelagic Fisheries in the Vietnam (21-24 January 2008, Vietnam) | 3 | 15 | TD |
| Promote and Training on Program for Economically Importance Pelagic Species in the South China Sea and Andaman Sea (21-24 January 2008, Myanmar) | 3 | 15 | TD |
| Set-Net Fishing Technology for Sustainable Coastal Fisheries Management (8-22 April 2008, TD, Thailand) | 3 | 14 | TD |
| Shipboard Training Workshop on the Deep Sea Fishery Resource Exploration on the Continental Shelf Slopes in Southeast Asian Waters (11-25 May 2008, Philippines) | 3 | 20 | TD |
| The International Training Course on Coastal Fisheries Management for Fishery Managers (6-15 May 2008, TD, Thailand) | 3 | 17 | TD |
| The Regional Training Course Set-Net Fishing Technology for Sustainable Coastal Fisheries Management (8-22 April 2008, TD, Thailand) | 3 | 14 | TD |
| The Regional Training Course on Coastal Fisheries Management and Extension Methodology (2-26 September 2008, TD, Thailand) | 3 | 13 | TD |
| An Advanced Regional Training Workshop on Larval Fish Identification and Fish Early Life History Science (26 May-15 June 2008, TD, Thailand) | 3 | 18 | TD |
| The Training Course on Introduction of C-hook for Bottom Longline in Myanmar (13-17 November 2008, Myanmar) | 3 | 30 | TD |
| Responsible Fishing Technology (HRD) Activities on Thematic Areas (18-27 November 2008, TD, Thailand) | 3 | 7 | TD |
| The Training Course on Fishing Vessel Operation for Tinsulanonda Fisheries College (1 October 2007 – 22 February 2008, TD, Thailand) | 4 | 17 | TD |
| Short-term Training Course on Fishing Technology for University Students#45 (21 April – 2 May 2008, TD, Thailand) | 4 | 38 | TD |

| | | | |
|--|---|----|------|
| Training Course on Sailing Fishing Boat for Small Scale Fishery (2- 5 June 2008, Nakorn Srithammarat, Thailand) | 4 | 30 | TD |
| The JTEDs Training Course (20-25 June 2008, TD, Thailand) | 4 | 20 | TD |
| The Training Course on Coastal Fisheries Management and Extension Methodology (7-16 July 2008, TD, Thailand) | 4 | 20 | TD |
| Training Course on Sailing Fishing Boat for Small Scale Fishery (11-15 August 2008, Suratthani, Thailand) | 4 | 30 | TD |
| Navigation and Safety at Sea Training Course for Thai Officer (18-22 August 2008, TD, Thailand) | 4 | 30 | TD |
| Short-term Training Course on Fishing Technology for University Student#46 (20-29 October 2008, TD, Thailand) | 4 | 40 | TD |
| The Training Course on Fishing Technology for Ubonrathchathani University (29 October – 3 November 2008, TD, Thailand) | 4 | 42 | TD |
| Training Course on Enhancement of Blue Swimming Crab (11 November 2008, Chumphon, Thailand) | 4 | 30 | TD |
| Training Course on FADs (12-14 November 2008, Chonburi, Thailand) | 4 | 35 | TD |
| Study tour program for the Global Conference on Small-Scale Fisheries (18 October 2008) | 5 | 30 | TD |
| Practical Training for Mittraphon Commercial School (3 March-16 May 2008, TD, Thailand) | 7 | 2 | TD |
| Practical Training for Rajamangala University of Technolgy Srivijaya (Trang Campus) (8 March-8 April 2008, TD, Thailand) | 7 | 3 | TD |
| Practical Training for Burapha University (24 March – 30 April 2008, TD, Thailand) | 7 | 3 | TD |
| Practical Training for Phrasamutchedi Industrail and Community Education Collage (21 July – 19 September 2008, TD, Thailand) | 7 | 4 | TD |
| Practical Training for Walailuk University (3 September – 21 December 2008, TD, Thailand) | 7 | 1 | TD |
| Practical Training for Bangkok Poly Technique (18 August - 18 October 2008, TD, Thailand) | 7 | 2 | TD |
| | | | |
| JTFII-QA systems for Small and Medium-Sized Fish Processing Establishments in ASEAN member countries: End-of-Activity Workshop on Good Manufacturing Practice for Pre-Processing Establishments, 2-4 September 2008, Manila, Philippines | 1 | 23 | MFRD |
| Japanese Trust Fund (JTF) II Chemical and Drug Residues in Fish and Fish Products in Southeast Asia End-of-Project Meeting, 22 to 24 October 2008, Singapore | 1 | 22 | MFRD |
| | | | |
| National seminar on Freshwater Prawn and Fish Farming (02 April 2008, Rizal Provincial Jail, Rizal) for detainees | 2 | 43 | AQD |
| Training Course on Breeding & Culture of Selected Freshwater Species (14-25 April, SEAFDEC/AQD) for: USA-1; India-1 | 3 | 2 | AQD |
| Training Course on Mangrove Ecology, Taxonomy & Community Structure (30 April – 04 May 2008, SEAFDEC/AQD), for: Indonesia-1; Vietnam-1; Philippines-23 | 3 | 25 | AQD |
| Training Course on Abalone Hatchery & Grow-out (07-27 May 2008, SEAFDEC/AQD), for Indonesia- 1; Malaysia-1; Myanmar -1; Oman-1; Phil-5 | 3 | 9 | AQD |

| | | | |
|---|---|-----|-----|
| Training Course on Marine Hatchery (20 May-25 June, SEAFDEC/AQD) for Lao PDR-1; France- 1, Myanmar-1, Saudi Arabia-1; Vietnam-1; Phil- 4 | 3 | 9 | AQD |
| Training Course on Crab Seed Production (10 June-01 July 2008, SEAFDEC/AQD), for Myanmar -2; USA- 1 Phil-1 | 3 | 4 | AQD |
| Training Course on Principles of Health Management in Aquaculture (29 July -14 Dec 2008, internet/online), for Brunei- 1; Phil- 4; Singapore-1; Thailand-1; China-1; HongKong-4; Sri Lanka-1; USA-1 | 3 | 14 | AQD |
| Training Course on Fish Health Management (11 Sept- 12 Oct 2008; SEAFDEC/AQD), for Tanzania | 3 | 1 | AQD |
| Training Course on Crab Seed Production (15 Sept- 01 Oct 2008, SEAFDEC/AQD), for Malaysia | 3 | 1 | AQD |
| Training Course on Culture of Natural Food Organisms (6 Oct- 03 Nov 2008, SEAFDEC/AQD), for Saudi Arabia) | 3 | 1 | AQD |
| Training Course on Fish Health Management (3 Oct – 2 Nov 2008, SEAFDEC/AQD), for China, Saudi Arabia) | 3 | 2 | AQD |
| Training Course on Rural Aquaculture (10-19 November, SEAFDEC/AQD), for ASEAN member-countries | 3 | 8 | AQD |
| Training Course on Seaweed (<i>Kappaphycus</i>) Farming (5-9 May 2008, SEAFDEC/AQD) for UAE- 1; Phil-5 | 4 | 6 | AQD |
| Training Course on Basic Techniques in the Culture of Cyanobacteria, (31 Jan-2 Feb and 16-18 July 2008, SEAFDEC/AQD), for instructors, students | 4 | 4 | AQD |
| Training Course on Milkfish Cage Culture - Phase:4 Harvest, Post-Harvest & Marketing (29-30 January 2008, AQD's Igang Marine Station (IMS)), for fisherfolk | 4 | 25 | AQD |
| Training Course on Milkfish Cage Culture – Phase 5: Business Planning & Economic Analysis (28 February 08, at IMS), for fisherfolk | 4 | 23 | AQD |
| Training Course on Freshwater Aquaculture – Phase 3: Fish Health Management & Economics (18-19 February 2008) Dumarao, Capiz, for fishfarmers | 4 | 32 | AQD |
| Training Course on Freshwater Aquaculture – Phase 4: Harvest & Post-harvest Techniques (31 March-01 April 2008, Dumarao, Capiz), for fishfarmers | 4 | 42 | AQD |
| Training Course on Grouper Hatchery (07-25 April 2008, SEAFDEC/AQD) | 4 | 15 | AQD |
| Training Course on Grouper Nursery & Grow-out Culture in Cages (14-30 May 2008, SEAFDEC/AQD) | 4 | 6 | AQD |
| Training Course on Induced Spawning of Clariid Catfishes (30 June-4 July 2008, SEAFDEC/AQD), for private sector | 4 | 2 | AQD |
| Training Course on Milkfish Hatchery (5-14 July 2008, SEAFDEC/AQD) | 4 | 3 | AQD |
| Training Course on Grow-out Culture of Mudcrab (22 Sept – 10 Oct 2008; SEAFDEC/AQD) | 4 | 2 | |
| Training Course on Grouper Cage Culture – Phase 1: Grouper Nursery Cage Culture (16-19 July 2008, Panaon & Jimenez, Misamis Occidental), for 30 –Panaon (fisherfolk & teachers); and 30-Jimenez (fisherfolk) | 4 | 60 | AQD |
| Training Course on Grouper Cage Culture – Phase 2: Grouper Grow-out Cage Culture (10-11 September 2008, Panaon & Jimenez, Misamis Occidental), for 30 –Panaon (fisherfolk & teachers); and 30 –Jimenez (fisherfolk) | 4 | 60 | AQD |
| Training Course on Freshwater Fish Health Management (22-24 September 2008, IFRéDI, Phnom Penh, Cambodia) | 4 | ... | AQD |

| | | | |
|--|---|-----|-----|
| Training Course on Marine Fish Health Management (25-27 September 2008, MARDeC, Sihanoukville, Cambodia) | 4 | ... | AQD |
| Study tour on Milkfish Hatchery and Other Facilities (10 Jan 2008, AQD's Tigbauan Main Station (TMS)), for entrepreneurs | 5 | 5 | AQD |
| Study tour on Crab Hatchery (25 Jan 2008, TMS), for entrepreneurs | 5 | 3 | AQD |
| Study tour on Mariculture Park (29 Jan 2008, IMS), for local gov't officials, entrepreneurs) | 5 | | AQD |
| Study tour on Abalone & Seahors and Mariculture Park (21-22 Feb 2008, TMS/IMS), for farmers & out-of-school youths from Mindanao | 5 | 28 | AQD |
| Study tour on AQD Stations, AQD Hatcheries and Private Hatcheries (19-22 Feb 2008, TMS / Dumangas Brackishwater Station (DBS) / Igang Marine Station (IMS)), for LGU officials from Mindanao | 5 | 5 | AQD |
| Study tour on AQD Hatcheries; ICD-SA and CRFM Project Orientation (22 Feb 2008, TMS), for LGU officials from Capiz | 5 | 14 | AQD |
| Study tour on AQD Hatcheries, particularly for Grouper, for NACA officials | 5 | 3 | AQD |
| Study tour on Grouper Culture and AQD Facilities (3-6 Mar 2008, TMS/DBS/IMS), for Malaysian nationals | 5 | 2 | AQD |
| Study tour on AQD Hatcheries, Igang Mariculture Park, and Feed & Feeding Practices (6-7 Mar 2008, TMS and IMS), for BFAR VIII officials & investors | 5 | 8 | AQD |
| Study tour on AQD Facilities and Grouper Hatcheries & Farms (14-17 Apr 2008, TMS / DBS / IMS), for Northern Marianas officials | 5 | 4 | AQD |
| Study tour on Abalone Hatchery (17 Apr 2008, TMS), for private sector and a Korean national | 5 | 2 | AQD |
| Study tour on Mudcrab Culture and AQD's facilities (19-25 Apr 2008, TMS / IMS / DBS), for Australian national | 5 | 1 | AQD |
| Study tour on Research Collaboration / Sharing of Expertise / Training, (12-15 May 2008, TMS), for Malaysian national | 5 | 1 | AQD |
| Study tour on Collaborative Projects and Livelihood Options (14-15 May 2008, TMS / DBS / IMS), for LGUs and fisherfolk of Catanduanes | 5 | 12 | AQD |
| Study tour on AQD Facilities and Stations (26-29 May, TMS / DBS / IMS), for Thai Officials | 5 | 3 | AQD |
| Study tour on Abalone Hatchery and AQD Facilities (02 Jun 2008, TMS / IMS), for Chinese nationals | 5 | 5 | AQD |
| Study tour on AQD Hatcheries (18 Jun 2008, TMS), for Phil Navy Officers | 5 | 25 | AQD |
| Study tour on Milkfish and Tilapia Hatcheries (14 Jul 2008, TMS), for Phil-American nationals | 5 | 7 | AQD |
| Study tour on AQD Hatcheries and Facilities (30 Jul 2008, TMS), for entrepreneurs | 5 | 3 | AQD |
| Study tour on Abalone & Mudcrab Hatcheries and AQD Facilities (6-8 Aug 2008, TMS), for LGUs of southern Negros | 5 | 41 | AQD |
| Study tour on AQD Facilities and Exploring Future Collaborative Projects (6-8 Aug 2008, TMS), for Gov't & school officials | 5 | 4 | AQD |

| | | | |
|---|---|-----|------------|
| Study tour on AQD Facilities and Information Technology (IT) Network (22 Sept 2008, TMS), for ISCOF faculty members | 5 | 12 | AQD |
| Internship on Finfish Hatchery (7 Jan-16 Oct 2008) TMS, for private, out-of-school youth | 6 | 8 | AQD |
| Internship on Fish Health Diagnostic Analysis (4 Feb-24 Sept 2008, TMS) for private, out-of-school youth | 6 | 6 | AQD |
| Internship on Mollusk/Abalone Hatchery (26 Feb-15 Sept 2008, TMS), for private, out-of-school youth | 6 | 14 | AQD |
| Internship on Feed Processing & Feed Mill Operation (16 Apr-16 May 2008, TMS), for out-of-school youth | 6 | 1 | AQD |
| Internship on Natural Food Culture (2 May-22 Aug, TMS), for out-of-school youth | 6 | 1 | AQD |
| Internship on Library/Data Bank/Engineering (19 May-11 Jul 2008, TMS), for out-of-school youth | 6 | 5 | AQD |
| Internship Crustacean Hatchery (19 May-17 Oct 2008, TMS), for private , out-of-school youth | 6 | 6 | AQD |
| Internship Catfish Hatchery (5 Jun-5 Jul 2008, TMS), for out-of-school youth | 6 | 2 | AQD |
| Internship Seahorse Hatchery (14 Jul-14 Aug 2008, TMS), for out-of-school youth | 6 | 2 | AQD |
| Internship Brackishwater Aquaculture (22 Jul-22 Aug 2008, DBS), for out-of-school youth) | 6 | 1 | AQD |
| On-the Job training on Abalone Hatchery / Crustacean Hatchery / Integrated Fish Broodstock Hatchery / Fish Hatchery / Fish Health Diagnostic Analysis / Catfish Hatchery and Freshwater Aquaculture (Jan-Sept 2008, TMS / IMS / DBS / BFS), for students from 27 schools/universities all over the Phil | 7 | 200 | AQD |
| Second Core Expert Meeting Tagging Program for Economically Important Pelagic Species in the South China Sea and Andaman Sea JTFII13-14 October 2008 Kuala Lumpur | 1 | 25 | MFRDM D |
| Third Regional Technical Consultation on Research for Stock Enhancement of Sea Turtles 15-17 October 2008 Kuala Lumpur | 1 | 25 | MFRDM D |

* Category:

- 1) International/regional meetings, seminar, workshop
- 2) National/local meeting, seminar, workshop, consultation, etc.
- 3) International/regional training course
- 4) National, On-site training courses
- 5) Study tour
- 6) Internship
- 7) On-the-Job training

SEAFDEC Participation to Meetings organized by other (non-SEAFDEC) Organizations, including SEAFDEC Missions to Member Countries

| Title (Date, Venue) | Organizer | Category | Department |
|--|-------------------|-----------------|--------------------------------------|
| CWP Aquaculture (8-9 January 2008, Nakorn-nayok, Thailand) | CWP | 1 | Sec (1) |
| International Workshop on Educational Cooperation in Fisheries Sciences in Asia (15-21 March 2008, Japan) | Hokkaido U | 2 | Sec (2) |
| Technical visit to DOF Malaysia, INFOFISH and Malaysia Centre for Remote Sensing (MACRES) (4-6 February 2008, Malaysia) | DOF Malaysia | 3 | Sec (2) |
| 10 th Meeting of Regional Working Group for Fisheries Component of the UNEP/GEF Project (2-5 June 2008, Philippines) | UNEP | 1 | Sec (2) |
| Mission to visit the ASEAN Secretariat, ASEAN Foundation, and the Directorate-General of Product Processing and Marketing | DOF Indonesia | 3 | Sec (2) |
| 16 th Meeting of ASEAN Sectoral Working Group on Fisheries (21-23 May 2008, Thailand) | ASEAN | 1 | Sec (5) |
| 11 th Session of the Sub-Committee on Fish Trade and the Resumed Session of the Technical Consultation for Technical Guidelines for Responsible Fish Trade (2-6 June 2008, Germany) | FAO | 1 | Sec (1) |
| Technical Consultation to Draft a Legally-binding Instrument on Port State Measures to Prevent, Deter and Eliminate Illegal, Unreported and Unregulated Fishing, (23-27 June 2008, Italy) | FAO | 1 | Sec (2) |
| 15 th Annual Meeting of MRC Programme for Fisheries Management and Development Cooperation, (18-19 June 2008, Lao PDR) | MRC | 1 | Sec (2) |
| Mission to Lao PDR on Inland Fisheries Management and Freshwater Aquaculture (23-27 June 2008, Lao PDR) | DLF, Lao PDR | 3 | Sec (4) |
| SEAFDEC visits Myanmar in response to Cyclone Nagris (6-8 July 2008, Myanmar) | DOF, Myanmar | 3 | Sec (2), AQD (1) |
| 6 th Session of the Fishery Resources Monitoring System (FIRMS) and the Inter-sessional Meeting of the Coordinating Working Party on Fishery Statistics (CWP) (7-9 July 2008, Canada) | FAO | 1 | Sec (1) |
| Special SOM for the 29 th AMAF (5-7 August 2008, Chiangmai, Thailand) | ASEAN | 1 | Sec (4) |
| Meeting between SEAFDEC and OFCA in Japan | OFCA, Japan | 3 | Sec (1) |
| APFIC Regional Consultative Forum Meeting, (6-9 August 2008, Indonesia) | APFIC | 1 | Sec (2) |
| COFI - 4th Session of the Sub-Committee on Aquaculture (6-10 October 2008, Chile) | FAO | 1 | Sec (1) |
| Draft Fisheries Law Workshop (7-8 October 2008, Lao PDR) | DLF, Lao PDR | 2 | Sec (2) |
| Global Conference on Small-scale Fisheries (13-17 October 2008) | FAO, DOF Thailand | 1 | Sec (7), TD (8), AQD (2), MFRDMD (1) |

| | | | |
|--|---|---|---------|
| WIO-Marine Turtle Task Force (26 February – 2 March 2008, Tanzania) | FAO | 1 | TD |
| The Regional Workshop on Fish Trawling Management (14-17 April 2008, Iran) | FAO | 1 | TD |
| National Coordinators Meeting and ICES-FAO Working Group on Fishing Technology and Fish Behavior (18-27 April 2008, Faroe Islands) | FAO | 1 | TD |
| A Workshop on Monitoring, Control and Surveillance (5-9 June 2008, Bangladesh) | BOBP-IGO /DANIDA | 1 | TD |
| Expert Meeting on Fishing Vessel Registration (29 June – 2 July 2008, Phuket Thailand) | SIDA | 1 | TD |
| Seminar and Workshop on National Marine Science (11 July 2008, Bangkok) | Ministry of Natural Resource and Environment | 2 | TD |
| Tropical Shrimp Experts Workshop (21-26 July 2008, Australia) | WWF | 1 | TD |
| Seminar on Marine Fisheries 2008 (28 July – 1 August 2008, Chiang Mai Thailand) | Department of Fisheries | 2 | TD |
| 1 st Meeting of BIMSTEC (13 August 2008, Bangkok) | Department of Fisheries | 2 | TD |
| Research and Development of Fisheries Resource Workshop (14 August 2008, Bangkok) | National Research Council of Thailand | 2 | TD |
| 5 th SSS/IOSEA meeting (18-23 August 2008, Indonesia) | IOSEA | 1 | TD |
| Seminar of Marine Science 2008 (24-27 August 2008, Phuket Thailand) | Department of Marine and Coastal Resource | 2 | TD |
| Seminar on Technology for Library(28-29 August 2008, Bangkok) | Thai Library Association | 2 | TD |
| IMT-GT conference (Phuket, Thailand) | DOF Thailand | 2 | TD |
| 7 th The Seminar on Assembly of Science and Technology for Development | Ministry of Science and Technology | 2 | TD |
| The 5 th World Fisheries Congress and JSPS-NSCT Core University Program | Tokyo University of Marine Science and Technology | 2 | TD |
| | | | |
| ASEAN Training Course on Post-Harvest Technologies on Aquaculture Fishery (16-27 June 2008, Vietnam) | ICD, RIMF of Vietnam, ASEAN Sec | 1 | MFRD |
| 5th World Fisheries Congress, Yokohama, Japan (20 to 24 Oct 2008) | WCFS, etc. | 1 | MFRD |
| | | | |
| World Fisheries Congress 2008 (20-24 Oct 2008; Yokohama, Japan) | WCFS, etc. | 1 | AQD (4) |
| Fifth International Symposium of the Japanese Society for Fish Pathology (18-19 Oct 2008; Tokyo, Japan) | Japanese Society for Fish Pathology | 1 | AQD (2) |
| UNITAR Training Workshop on Sea and Human Security – Towards a comprehensive security for seas and oceans: The Hiroshima Initiative (28 Sept – 3 Oct 2008; Hiroshima, Japan) | UNITAR | 1 | AQD (1) |
| World Bank's 2008 Development Marketplace Global Competition (22-27 Sept 2008, Washington DC) | World Bank | 1 | AQD (4) |

| | | | |
|--|--|---|---------|
| Japan International Cooperation Agency (JICA) Training Program for Young Leaders in the field of Economic Development in Japan (10-27 Sept 2008; Japan) | JICA | 1 | AQD (1) |
| 2008 NFRDI-FFTC International Workshop on Integrated Coastal Zone Management for Sustainable Aquaculture (26 Aug 2008; Pusan, Korea) | National Fisheries Research & Dev't. Institute - Food and Fertilizer Tech. Center for the Asian and Pacific Region | 1 | AQD (1) |
| Crustacean Diseases and Immunity Seminar (27-28 June 2008; Taipei, Taiwan) | Asian Fisheries Society, Fish Health Section | 1 | AQD (5) |
| Diseases in Asian Aquaculture Symposium (23-26 June 2008; Taipei, Taiwan) | Asian Fisheries Society, Fish Health Section | 1 | AQD (5) |
| World Aquaculture 2008 (19-23 May 2008; Busan, South Korea) | World Aquaculture Society | 1 | AQD (1) |
| Giant Malaysian Prawn 2008 International Seminar (27-30 Mar 2008; Kuala Lumpur, Malaysia) | Malaysian Fisheries Society | 1 | AQD (1) |
| OIE / NACA Regional Workshop on Aquatic Animal Health (25-28 Mar 2008; Bangkok, Thailand) | Office of Internationale Des Epizooties and NACA | 1 | AQD (1) |
| 19th Network of Aquaculture Centers in Asia-Pacific Meeting (NACA) (6-8 Mar 2008; Kathmandu, Nepal) | NACA | 1 | AQD (1) |
| International Workshop on CyHV-3 Koi Herpesvirus (17-18 Feb 2008; Caesaria, Israel) | The Hebrew University of Jerusalem among others | 1 | AQD (1) |
| International Conference Workshop on Biodiversity and Climate Change in Southeast Asia (19-20 Feb 2008; Manila) | SEAMEO- SEARCA | 1 | AQD (1) |
| HIPON (Penaeus vannamei) Summit 2008 (21-22 Aug 2008; Dagupan City) | BFAR-NFRDI and Samahan at Ugnayan sa Alagang Hipon, Inc. (SUAHI) | 2 | AQD (7) |
| 3 rd Public Consultative Meeting on Phil. National Standards for Grouper and Abalone (6-8 Aug 2008; Cebu City) | DA –BFAR | 2 | AQD (1) |
| 2 nd Public Consultative Meeting on Phil. National Standards for Grouper and Abalone (30 July – 1 Aug 2008; Tacloban City) | DA-BFAR | 2 | AQD (1) |
| Seminar Workshop on Proficiency Testing (4-5 June 2008; DOST-FNRI, Manila) | DOST -Food and Nutrition Research Institute | 2 | AQD (1) |
| National Stakeholders Workshop (5 June 2008; Manila) | Ecosystem Services for Poverty Alleviation Project, U.P. Visayas | 2 | AQD (1) |

| | | | |
|--|--|-----------------|----------|
| 1 st Public Consultative Meeting on Phil. National Standards for Grouper and Abalone (29-30 May 2008; Puerto Princesa, Palawan) | DA-BFAR | 2 | AQD (1) |
| 6 th Philippine Shrimp Congress (28-30 May 2008; Bacolod City) | PhilShrimp Inc, Negros Prawn Cooperative, SEAFDEC, BFAR | 2 | AQD (22) |
| Department of Agriculture-State, Universities & Colleges Collaborative Service Consultation (21 May 2008; Manila) | DA-Bureau of Agricultural Research | 2 | AQD (1) |
| 5 th General Membership Assembly of the NRCP Visayas Regional Cluster (16 May 2008; Cebu City) | National Research Council of the Philippines – Visayas | 2 | AQD (1) |
| Eco-tourism Seminar and Participatory Action Plan Development (12-15 May 2008; Sagay, Negros Occidental) | Sagay Eco-tourism Board | 2 | AQD (2) |
| 37 th Annual Convention and Scientific Meeting of the Philippine Society of Microbiology, Inc (7-9 May 2008; Boracay, Aklan) | Phil Society for Microbiology Inc | 2 | AQD (5) |
| First Public Consultative Meeting on Draft Philippines National Standards (PNS) for Grouper (24 Apr 2008; New Washington, Aklan) | DA-BFAR | 2 | AQD (1) |
| Sandfish Release Strategies Workshop (14-18 Apr 2008; Dagupan City) | WorldFish Center and ACIAR | 2 | AQD (1) |
| National Food Summit (4 Apr 2008; Manila) | Department of Agriculture | 2 | AQD (1) |
| Technology Investment Forum and Seminar (27 Mar 2008; BFAR, Palawan) | DA-BFAR Region IV-B | 2 | AQD (1) |
| Expert Forum on Organic Aquaculture (12 Mar 2008; Bacolod City) | German Technical Cooperation | 2 | AQD (1) |
| National Workshop on Mitigating Impact from Aquaculture in the Philippines (31 Jan- 1 Feb; Manila) | PHILMINAQ, DILG, DENR, UP-MSI, Marine Environment & Resources Foundation, Scottish Association for Marine Science, AKVAPLAN NIVA | 2 | AQD (1) |
| Roundtable Workshop (30 Jan 2008; PCAMRD, Los Baños, Laguna) | PCAMRD | 2 | AQD (1) |
| PHILMINAQ National Workshop (Mitigating impacts from aquaculture in the Phil.) (21 Jan 2008; Manila) | BFAR | 2 | AQD (1) |
| 10th Eurasia Conference on Chemical Sciences (7-11 Jan 2008; PICC, Manila) | Kapisanang Kimika sa Pilipinas-Division of Inorganic Chemistry in Allied Field (KKP-DICAF); Philippine Federation of Chemistry Society | 2 | AQD (1) |
| *Bycatch Reduction Techniques in Sea Turtles: Where have We Been and Where We Go Next? 18-19 Aug 2008, Bali, Indonesia | Udayana University, Indonesia dan WWF | Paper presenter | MFRDMD |



| | | | |
|--|---|--------------------|--------|
| *National Fisheries Symposium 2008 (NafiS 2008), 14-17 July 2008, Kuala Terengganu | DoF, UMT & UPEN Terengganu | Paper presenter | MFRDMD |
| *The South China Sea : Sustaining Ocean Productivities, Maritime Communities and the Climate (SCS 2008), 25-29 Nov 2008, Kuantan, Pahang | IOES, University of Malaya, MSMS, MOSTI | Paper presenter | MFRDMD |
| *APFIC Consultative Forum Meeting (RCFM) in Manado, Indonesia, 6-9 August 2008 | APFIC | Paper presenter | MFRDMD |

Category:

- 1) International/regional level
- 2) National level
- 3) Mission to Member Countries

Press Statements Produced in 2007

| Title (Date, Venue) | Department |
|--|------------|
| SEAFDEC 40 th Council Meeting (7-11 April 2008, Bangkok, Thailand) | Sec |
| ASEAN-SEAFDEC Regional Technical Consultation on Fisheries Human Resources Development for Poverty Alleviation in ASEAN' (3 to 5 July 2008, Bangkok, Thailand) | Sec |
| Regional HRD Workshop on Identification of Potentials and Problem Areas for Promotion of "FOVOP" in the ASEAN Region (18 to 23 August 2008, Chiang Mai, Thailand) | Sec |
| AQD website-posted news: Good deals for fishfarmers | AQD |
| Paid advertisement on aquaculture training courses | AQD |
| 1 Feb: Marine fish hatchery training course for the Philippines | AQD |
| 20 Feb: SEAFDEC to conduct training on mangroves | AQD |
| AQD website-posted news on the seminar for Overseas Filipino Workers | AQD |
| AQD website-posted news on the agree-build-operate-transfer project | AQD |
| AQD website-posted news on mangrove-friendly shrimp farming | AQD |
| June 18: Ilonggo heads world-class research center | AQD |
| June 20: Shrimp farmers in the Philippines go for the Pacific white shrimp | AQD |
| Sept 25: SEAFDEC is developing early warning system for pollution in mariculture parks | AQD |
| Press Statements during Second Core Expert Meeting Tagging Program for Economically Important Pelagic Species in the South China Sea and Andaman Sea JTFII13-14 October 2008 Kuala Lumpur | MFRDMD |
| Press Statements during Third Regional Technical Consultation on Research for Stock Enhancement of Sea Turtles 15-17 October 2008 Kuala Lumpur | MFRDMD |

Appearance in Press

| Description | Department |
|---|------------|
| 2 nd Joint Regional Training on Community-Based Aquaculture for Remote Rural Areas of Southeast Asia (1-14 September 2008, Lao PDR) in Vientienne Times, 10 September 2008 | Sec |
| SEAFDEC support "Thai University Student Participate in Sustainable Fishery", February 2008, Samutprakarn Post | TD |
| Andaman Survey by M.V.SEAFFDEC, March 2008, Samutprakarn Post | TD |
| SEAFDEC organize Thai Youth Fishery and Fishery Resource Conservation Seminar, April 2008, Samutprakarn Post | TD |
| Special report on New Way for Thai Fisherman by Sailing Fishing Boat, 10 June 2008, Daily news Newspaper. | TD |
| Special report on Collaborative in Fishery in Southeast Asia, May 2008, Samutprakarn Post | TD |
| Special report on Tuna Purse Seine, June 2008, Samutprakarn Post | TD |
| Special report on Introduction of Puffer, July 2008, Samutprakarn Post | TD |
| Special report on Sea Turtle in Thailand, August 2008, Samutprakarn Post | TD |
| Special report on TEDs, September 2008, Samutprakarn Post | TD |
| Special report on Coral Reef, October 2008, Samutprakarn Post | TD |
| Special report on Mangrove, November 2008, Samutprakarn Post | TD |
| Special report on Jelly Fish, December 2008, Samutprakarn Post | TD |
| Training course on Sailing Boat for fishing, MCOI(Modernnine TV) | TD |
| International Training Course on Coastal Fisheries Management for Managers , http://www.sea-ex.com/commercial1/news11.htm (www.sea-ex.com) | TD |

| | |
|--|-----|
| Radio Spot on Responsible Fishery and promote SEAFDEC (3 months) | TD |
| <i>Philippine Daily Inquirer</i> Jan 4, p B2: <i>Fisheries center opens door to investors</i> by Amy Remo | AQD |
| http://business.inquirer.net/money/breakingnews/view/20080104-110294/Fisheries_center_opens_door_to_investors , 04 Jan, Fisheries Center Opens Doors to Investors | AQD |
| http://aquaculture-center.com/?p=19 , 13 Jan, Fisheries center opens door to investors | AQD |
| <i>Fishfarming International</i> February 2008: Centre opens door to investors | AQD |
| <i>EntrePinoyos Atbp</i> , 22 Feb: <i>ABOT Aquaculture Business</i> | AQD |
| <i>The Daily Guardian</i> , 26-27 Jan, p 7: <i>Training courses for 2008</i> | AQD |
| <i>Panay News</i> , 21 April, p C26: <i>ABOT and training programs</i> | AQD |
| <i>The Daily Informer</i> 8 Feb, p 8 (editorial): <i>Marine fish hatchery training course</i> | AQD |
| http://www.thenewstoday.info/2008/02/04/marine.fish.hatchery.training.course.for.the.philippines.html , 04 Feb, Marine fish hatchery training course for the Philippines | AQD |
| http://www.pia.gov.ph/?m=12&r=&y=&mo=&fi=p080204.htm&no=18 , 04 Feb, 1st in-country marine fish hatchery course for RP slated by ES Subong | AQD |
| http://visayas.p7107.com/iloilo/2008/02/04/1st-in-country-marine-fish-hatchery-course-for-rp-slated/ , 04 Feb, 1st in-country marine fish hatchery course for RP slated by ES Subong | AQD |
| http://www.visayandailystar.com/2008/February/12/businessnews1.htm , 12 Feb, Hatchery training course set in Iloilo | AQD |
| <i>The Daily Informer</i> 26 Feb, p 8: <i>Training course on mangroves at SEAFDEC</i> | AQD |
| http://www.visayandailystar.com/2008/February/25/businessnews3.htm , 25 Feb, Instruction course on mangroves slated | AQD |
| 15. http://madyaaspublishing.blogspot.com/2008/02/business.html , 08 Feb, BSP Briefs OFWs, Families On Investment Opportunities by Venus Villanueva | AQD |
| http://www.mixph.com/2008/02/agree-build-operate-transfer-abot-aquaculture-business.html , 22 Feb, Agree-Build-Operate-Transfer (ABOT) Aquaculture Business | AQD |
| <i>EntrePinoyos Atbp</i> , 14 May: <i>Mangrove-friendly shrimp farming</i> | AQD |
| <i>The News Today</i> , 24 June, p 18: <i>Ilonggo heads world-class research center</i> | AQD |
| http://www.visayandailystar.com/2008/June/23/businessnews4.htm , 23 June, Toledo appointed anew as AQD chief | AQD |
| http://www.thenewstoday.info/2008/06/24/ilonggo.heads.world.class.research.center.html , 24 June, Ilonggo heads world-class research center | AQD |
| <i>The Daily Guardian</i> , 25 June, p 8: <i>Shrimp farmers in the Phil. go for the Pacific white shrimp</i> | AQD |
| <i>The Philippine Star</i> , 10 July, p B7: <i>Shrimp production to double in 5 years – DA by Marianne Go</i> | AQD |
| <i>The News Today</i> , July 11-13, p 8: <i>DA eyes shrimp production of 100,000 MT</i> | AQD |
| <i>The Philippine Star</i> , 23 March, p C-6: <i>Zamboanga stakes claim as RP's top seaweed producer</i> | AQD |
| <i>Manila Standard Today</i> , 11 April, p A2: <i>The dark side of prawn farming</i> by <i>Cecil Morella</i> | AQD |
| <i>The Manila Times</i> , 11 April, p A5: <i>Prawn sandwich destroys Philippines fish nurseries</i> by <i>Cecil Morella Agence France-Presse</i> | AQD |
| <i>Philippine Daily Inquirer</i> , 11 April, p A1: <i>Prawn farms destroying nation's fish nurseries</i> | AQD |
| <i>BusinessWorld</i> , 11-12 April, p s1/11: <i>Prawn sandwich destroys fish nurseries : expert</i> | AQD |
| <i>Visayan Daily Headlines</i> , 2 May, p 2: <i>BFAR establishes P1.5-M seabass satellite hatchery in Aklan</i> | AQD |
| <i>Visayan Daily Headlines</i> , 19 May, p 3: <i>6th Philippine shrimp congress slated in Bacolod City</i> | AQD |
| <i>The Manila Times</i> , 5 June, p A6: <i>DOST names 50 top Pinoyos</i> | AQD |
| <i>The News Today</i> , 5 June, p 5: <i>Capicenos get more gov't help for aqua-marine sector</i> | AQD |
| <i>GMA News</i> 9 July 02:19 PM : <i>RP seeks to regain status as top shrimp exporter</i> | AQD |
| <i>Philippine Star</i> 10 July: <i>Shrimp production to double in 5 yrs – DA by Marianne V. Go</i> | AQD |

| | |
|---|-----|
| Manila Bulletin 10 July DA hopes to double shrimp output in 5 years <i>By Marvyn N N. Benaning</i> | AQD |
| http://asters.multiply.com/photos/album/17/SEAFDEC , 09 Jan, SEAFDEC by Dianne Yunque | AQD |
| http://ibcrmdppmpc.blogspot.com/2008/01/project-components.html , 09 Jan, Project components | AQD |
| http://igppresent.blogspot.com/2008/01/events-prior-to-presentation.html , 13 Jan, Integrated Grouper Project: Events Prior to Presentation | AQD |
| http://www.scribd.com/doc/1016362/Integrated-Grouper-Project-Dec-26-2007 , 13 Jan, INTEGRATED GROUPE CULTURE: AN ALTERNATIVE LIVELIHOOD PROJECT FOR ILIGAN BAY WATERS | AQD |
| http://www.thefishsite.com/fishnews/6110/2000plus-tagging-programme-to-aid-sustainability , 17 Jan, 2000-Plus Tagging Programme to Aid Sustainability | AQD |
| http://www.eskwelahan.net/news/?p=1514 , 18 Jan, RP extends aquaculture tech assistance to German university | AQD |
| http://www.spc.int/Coastfish/News/Training/15/Sig15-P13-1.htm , 22 Jan, Seafdec Aquaculture Department: An overview | AQD |
| http://vinapineda.blogspot.com/2008/01/iloilo-adventures-2008.html , 24 Jan, Iloilo Adventures 2008 by Vina Pineda | AQD |
| http://patrishabarby.multiply.com/photos/album/117/SEAFDEC# , 31 Jan, SEAFDEC | AQD |
| http://r-initiatives.blogspot.com/2008/02/grouper-culture.html , 03 Feb, Grouper Culture | AQD |
| http://laniecortez.multiply.com/photos/album/4/working_at_SEAFDEC# , 06 Feb, working at SEAFDEC by Melanie Cortez | AQD |
| http://www.pia.gov.ph/default.asp?m=12&fi=p080213.htm&no=98 , 13 Feb, Kalibo to operate hatchery soon; aims to be WV's "bulgan" supplier | AQD |
| http://visayas.wowphilippines.com/aklan/2008/02/13/kalibo-to-operate-hatchery-soon-aims-to-be-wvs-bulgan-supplier/ , 13 Feb, Kalibo to operate hatchery soon; aims to be WV's "bulgan" supplier , by Venus G. Villanueva | AQD |
| http://www.thenewstoday.info/2008/02/15/kalibo.to.operate.hatchery.soon.aims.to.be.wvs.bulgan.supplier.html , 15 Feb, Kalibo to operate hatchery soon; aims to be WV's 'bulgan' supplier by Venus G. Villanueva | AQD |
| http://jovalmartinez.multiply.com/journal/item/5/Tiresome week, 26 Feb, Tiresome week by Joval Martinez | AQD |
| http://www.thenewstoday.info/2008/02/29/daisys.one.woman.exhibit.html , 29 Feb, Daisy's One-Woman Exhibit by Kathy Villalon | AQD |
| http://globalaquagroup.com/?p=8 , 01 Mar, Workshop: Implementing the ASEAN Roadmap for Integration of Fisheries Sector | AQD |
| http://www.enaca.org/modules/news/article.php?storyid=1710 , 02 Mar, Marine Finfish Hatchery Training course for the Philippines | AQD |
| http://www.pia.gov.ph/?m=12&fi=p080305.htm&no=26&r=&y=&mo= , 05 Mar, Cotabato City holds dialogue on lease of public lands for fishpond dev't , by Sheryl Cabildo | AQD |
| http://cheekygadfly.blogspot.com/2008/03/it-takes-outsiders-to-stir-our.html , 07 Mar, It Takes Outsiders to Stir our Bureaucracy by <i>Marvin the Menace</i> | AQD |
| http://www.visayandailystar.com/2008/March/08/businessnews2.htm , 08 Mar, Guimaras milkfish project to end March 14 | AQD |
| http://www.pia.gov.ph/default.asp?m=12&fi=p080313.htm&no=71&r=&y=&mo= , 13 Mar, BFAR consults Samar fisherfolks on use of juvenile and trashfish excluder device by Ninfa Quirante | AQD |
| http://lifeisheaven.multiply.com/photos/album/41/oNE_dAY_gUIMARAS_aDVENTURE# , 18 Mar, ONE DAY GUIMARAS ADVENTURE! by Mabel Toledo | AQD |
| http://janrus.multiply.com/photos/album/20/seafdec , 07 Apr, seafdec by Russel Gaitan | AQD |
| http://mofocasnews.blogspot.com/2008/05/moavec-launches-integrated-grouper.html , 05 May, MOAVEC Launches the Integrated Grouper Project by Maeyen Poblete | AQD |

| | |
|--|-----|
| http://www.exploreiloilo.com/baras-beach-resort-a-peaceful-enclave-in-guimaras.html , 07 May, Baras Beach Resort - A peaceful enclave in Guimaras by Marcos Caratao, Jr. | AQD |
| http://redlan76.blogspot.com/2008/05/guimaras-is-island-with-beautiful-islets.html , 09 May, GUIMARAS is an island with beautiful islets by Redlan | AQD |
| http://www.enaca.org/modules/news/article.php?storyid=1745 , 08 May, Aquaculture certification : Workshop on Guidelines for Aquaculture Certification by Simon Wilkinson | AQD |
| http://www.thefilipinoentrepreneur.com/2008/05/17/abalone-seed-production-and-culture/ , 17 May, Abalone Seed Production and Culture by Lito Montala | AQD |
| http://SSIP2008miagao.multiply.com/photos/album/10/Field_trip_to_BAC_and_SEAFDEC , 22 May, Field trip to BAC and SEAFDEC by PSHSWV student interns | AQD |
| http://laniecortez.multiply.com/photos/album/4/working_at_SEAFDEC# , 06 Feb, working at SEAFDEC by Melanie Cortez | AQD |
| http://www.pia.gov.ph/default.asp?m=12&fi=p080213.htm&no=98 , 13 Feb, Kalibo to operate hatchery soon; aims to be WV's "bulgan" supplier | AQD |
| http://visayas.wowphilippines.com/aklan/2008/02/13/kalibo-to-operate-hatchery-soon-aims-to-be-wvs-bulgan-supplier/ , 13 Feb, | AQD |
| Kalibo to operate hatchery soon; aims to be WV's "bulgan" supplier , by Venus G. Villanueva | AQD |
| http://www.thenewstoday.info/2008/02/15/kalibo.to.operate.hatchery.soon.aims.to.be.wvs.bulgan.supplier.html , 15 Feb, | AQD |
| Kalibo to operate hatchery soon; aims to be WV's 'bulgan' supplier by Venus G. Villanueva | AQD |
| http://jovalmartinez.multiply.com/journal/item/5/Tiresome_week , 26 Feb, Tiresome week by Joval Martinez | AQD |
| http://www.thenewstoday.info/2008/02/29/daisys.one.woman.exhibit.html , 29 Feb, Daisy's One-Woman Exhibit by Kathy Villalon | AQD |
| http://globalaquagroup.com/?p=8 , 01 Mar, Workshop: Implementing the ASEAN Roadmap for Integration of Fisheries Sector | AQD |
| http://www.enaca.org/modules/news/article.php?storyid=1710 , 02 Mar, Marine Finfish Hatchery Training course for the Philippines | AQD |
| http://www.pia.gov.ph/?m=12&fi=p080305.htm&no=26&r=&y=&mo= , 05 Mar, Cotabato City holds dialogue on lease of public lands for fishpond dev't , by Sheryl Cabildo | AQD |
| http://cheekygadfly.blogspot.com/2008/03/it-takes-outsiders-to-stir-our.html , 07 Mar, It Takes Outsiders to Stir our Bureaucracy by <i>Marvin the Menace</i> | AQD |
| http://www.visayandailystar.com/2008/March/08/businessnews2.htm , 08 Mar, Guimaras milkfish project to end March 14 | AQD |
| http://laniecortez.multiply.com/photos/album/4/working_at_SEAFDEC# , 06 Feb, working at SEAFDEC by Melanie Cortez | AQD |
| http://www.pia.gov.ph/default.asp?m=12&fi=p080213.htm&no=98 , 13 Feb, Kalibo to operate hatchery soon; aims to be WV's "bulgan" supplier | AQD |
| http://visayas.wowphilippines.com/aklan/2008/02/13/kalibo-to-operate-hatchery-soon-aims-to-be-wvs-bulgan-supplier/ , 13 Feb, | AQD |
| Kalibo to operate hatchery soon; aims to be WV's "bulgan" supplier , by Venus G. Villanueva | AQD |
| http://www.thenewstoday.info/2008/02/15/kalibo.to.operate.hatchery.soon.aims.to.be.wvs.bulgan.supplier.html , 15 Feb, | AQD |
| Kalibo to operate hatchery soon; aims to be WV's 'bulgan' supplier by Venus G. Villanueva | AQD |
| http://jovalmartinez.multiply.com/journal/item/5/Tiresome_week , 26 Feb, Tiresome week by Joval Martinez | AQD |
| http://www.thenewstoday.info/2008/02/29/daisys.one.woman.exhibit.html , 29 Feb, Daisy's One-Woman Exhibit by Kathy Villalon | AQD |
| http://globalaquagroup.com/?p=8 , 01 Mar, Workshop: Implementing the ASEAN Roadmap for Integration of Fisheries Sector | AQD |
| http://www.enaca.org/modules/news/article.php?storyid=1710 , 02 Mar, Marine Finfish Hatchery Training course for the Philippines | AQD |
| http://www.pia.gov.ph/?m=12&fi=p080305.htm&no=26&r=&y=&mo= , 05 Mar, Cotabato City holds dialogue on lease of public lands for fishpond dev't , by Sheryl Cabildo | AQD |

| | |
|--|-----|
| http://cheekygadfly.blogspot.com/2008/03/it-takes-outsiders-to-stir-our.html , 07 Mar, It Takes Outsiders to Stir our Bureaucracy by <i>Marvin the Menace</i> | AQD |
| http://www.visayandailystar.com/2008/March/08/businessnews2.htm , 08 Mar, Guimaras milkfish project to end March 14 | AQD |
| http://www.pia.gov.ph/default.asp?m=12&fi=p080313.htm&no=71&r=&y=&mo= , 13 Mar, BFAR consults Samar fisherfolks on use of juvenile and trashfish excluder device by Ninfa Quirante | AQD |
| http://lifeisheaven.multiply.com/photos/album/41/oNE_dAY_gUIMARAS_aDVENTURE# , 18 Mar, ONE DAY GUIMARAS ADVENTURE! by Mabel Toledo | AQD |
| http://janrus.multiply.com/photos/album/20/seafdec , 07 Apr, seafdec by Russel Gaitan | AQD |
| http://mofocasnews.blogspot.com/2008/05/moavec-launches-integrated-grouper.html , 05 May, | AQD |
| MOAVEC Launches the Integrated Grouper Project by Maeyen Poblete | AQD |
| http://www.exploreiloilo.com/baras-beach-resort-a-peaceful-enclave-in-guimaras.html , 07 May, Baras Beach Resort - A peaceful enclave in Guimaras by Marcos Caratao, Jr. | AQD |
| http://redlan76.blogspot.com/2008/05/guimaras-is-island-with-beautiful-islets.html , 09 May, GUIMARAS is an island with beautiful islets by Redlan | AQD |
| http://www.enaca.org/modules/news/article.php?storyid=1745 , 08 May, Aquaculture certification : Workshop on Guidelines for Aquaculture Certification by Simon Wilkinson | AQD |
| http://www.thefilipinoentrepreneur.com/2008/05/17/abalone-seed-production-and-culture/ , 17 May, Abalone Seed Production and Culture by Lito Montala | AQD |
| http://SSIP2008miagao.multiply.com/photos/album/10/Field_trip_to_BAC_and_SEAFDEC , 22 May, Field trip to BAC and SEAFDEC by PSHSWV student interns | AQD |
| http://sunstar.com.ph/static/bac/2008/05/30/bus/vietnam , overtakes.rp.in.shrimp.exports.html, 30 May, Vietnam overtakes RP in shrimp exports by Gil Alfredo Severino | AQD |
| http://www.pia.gov.ph/?m=12&fi=p080603.htm&no=48&r=&y=&mo= , 03 June, Capiceños get more gov't help for aqua-marine sector by Jemin B. Guillermo | AQD |
| http://ninoaspinas.wordpress.com/2008/06/05/a-reply-to-e-mel/ , 05 June, A reply to E. Mel by Niño A. Espinas | AQD |
| http://bayo2pisay.wordpress.com/2008/06/13/catfish-dissection-links/ , 13 June, Catfish dissection links by Ma'am Dawn | AQD |
| http://www.pci.org/blog/?p=2368 , 21 June, Reader weighs in on Taal Lake woes by Alecks P. Pabico | AQD |
| http://mofocasnews.blogspot.com/2008/06/moavec-hold-its-1st-stockholders.html , 26 June, MOAVEC HOLD ITS 1ST STOCKHOLDER'S ASSEMBLY by Jonnahsol E. Soria | AQD |
| http://theleganeans.blogspot.com/2008/06/history-of-leganes.html , 27 June, Leganes through the years by Jake | AQD |
| http://mofocasnews.blogspot.com/2008/06/moavec-staffs-attend-training-on.html , 28 June, MOAVEC Staffs Attend Training on Grouper Culture by Marie Reine Mosqueda-Gutierrez | AQD |
| http://www.manilastandardtoday.com/?page=politics3july21_2008 , 21 July, Manila, 7 neighbors begin tagging five species of fish by Othel V. Campos | AQD |
| http://mofocasnews.blogspot.com/2008/07/seafdec-conducts-season-long-training.html , 26 July, SEAFDEC CONDUCTS SEASON-LONG TRAINING COURSE ON GROUPEER CULTURE , by Mae Yen O. Poblete | AQD |
| http://filfishsci.blogspot.com/2008/07/dr.html , 31 July, Dr. Jesus Juario: The A1 Filipino Fisheries Scientist , by Melchor F. Cichon | AQD |
| http://nadsnads.blogspot.com/2008/07/trying-our-very-best.html , 31 July, trying our very best , by Nadine Dominisse. | AQD |
| http://www.pia.gov.ph/?m=12&r=&y=&mo=&fi=p080820.htm&no=15 , 20 Aug, RP continues initiatives on aquaculture and fisheries production | AQD |
| http://www.pia.gov.ph/?m=12&r=&y=&mo=&fi=p080821.htm&no=57 , 21 Aug, Negros Oriental allocates P3-M for organic fertilizer program , by Rachelle M. Nessia | AQD |
| http://www.sunstar.com.ph/static/dum/2008/08/24/news/p3m , allocated.for.organic.fertilizer.program.html, 24 Aug, P3M allocated for organic fertilizer program , by Edmund B. Sestoso | AQD |

| | |
|--|-----|
| http://www.pia.gov.ph/default.asp?m=12&fi=p080828.htm&no=91 , 28 Aug, 38-M people engage in fisheries in Southeast Asia, says DA | AQD |
| http://www.pia.gov.ph/?m=12&r=&y=&mo=&fi=p080902.htm&no=55 , 02 Sept. DA-BAR launches children's book on rice and other publications | AQD |
| http://www.mb.com.ph/BSNS20080902134032.html , 02 Sept, DA bans fishing, trading of small tuna , by Melody M. Aguiba | AQD |
| http://www.icsf.net/icsf2006/ControllerServlet?handler=EXTERNALNEWS&code=getDetails&id=38280&userType=&fromPage= , 02 Sept, Philippines bans fishing, trading of small tuna , by Melody M. Aguiba | AQD |
| http://www.thefishsite.com/fishnews/7798/philippines-bans-tuna-fishing-and-tuna-trade , 02 Sept, Philippines Bans Tuna Fishing and Tuna Trade | AQD |
| http://www.illegal-fishing.info/item_single.php?item=news&item_id=3447&approach_id=8 , 02 Sept, DA bans fishing, trading of small tuna | AQD |
| http://www.pia.gov.ph/default.asp?m=12&fi=p080908.htm&no=41&r=&y=&mo= , 08 Sept, BAR deploys E-Pinoy farms , by AML Talavera | AQD |
| http://www.asianjournal.com/?c=186&a=29857 , 10 Sept, Neglect of RP science and technology holding back progress , by Allison Lopez | AQD |
| http://newsinfo.inquirer.net/breakingnews/nation/view/20080911-159899/Neglect-of-RP-science-and-technology-holding-back-progress , 11 Sept, Neglect of RP science and technology holding back progress , by Allison Lopez | AQD |
| http://www.sunstar.com.ph/static/bac/2008/09/16/life/school.awards.outstanding.alumni.html , 16 Sept, School awards outstanding alumni | AQD |
| http://mofocasnews.blogspot.com/2008/09/moavec-conducts-phase-ii-grouper-grow.html , 20 Sept, MOAVEC Conducts Phase II – Grouper Grow Out Cage Culture Training in Panaon, Misamis Occidental , by Ruby Yee | AQD |

SEAFDEC PROGRAM FRAMEWORK

Background

Due to changes in SEAFDEC funding arrangement and programming modality, the SEAFDEC Program Committee requested the SEAFDEC Secretariat to prepare a new SEAFDEC Program Framework that is expected to contribute to maximize the benefits and minimize the cost of program implementation in the region and SEAFDEC Member Countries. This could be achieved by consolidating and streamlining various projects with common focus across the Departments to achieve the SEAFDEC Mandate. The framework aims to enable the SEAFDEC programming exercise to employ an integrated approach focusing on the promotion of sustainable fisheries development to strengthen the capability of Member Countries; to address especially emerging international fisheries issues and global threats; and to avoid duplication of efforts.

1. SEAFDEC Mandate

“To develop and manage the fisheries potential of the region by rational utilization of the resources for providing food security and safety to the people and alleviating poverty through transfer of new technologies, research and information dissemination activities.”

2. Principle

The SEAFDEC Program Framework is based on:

- Resolution and Plan of Action on Sustainable Fisheries for Food Security for the ASEAN Region;
- Statement for ASEAN-Japan Cooperation on Sustainable Fisheries through SEAFDEC;
- Code of Conduct for Responsible Fisheries and Regional Guidelines for Responsible Fisheries in the Southeast Asian Region; and
- Cooperation with ASEAN including ASSP and Roadmap for integration of fisheries sector under the ASEAN framework agreement for the integration of priority sectors.

3. Program Strategic Objectives

- To promote rational and sustainable use of fisheries resources in the region
- To enhance the capability of fisheries sector to address emerging international issues and for greater access to international trade
- To alleviate poverty among the fisheries communities in Southeast Asia
- To enhance the contribution of fisheries to food security and livelihood in the region

4. Program Formulation

The programs of SEAFDEC should include research, training and information collection and dissemination related components. In the formulation of the SEAFDEC Programs, the following approaches should be considered:

- Adopting a regional approach to program formulation reflecting the needs of Member Countries
- Incorporating inter- and intra-regional exchange of expertise and information
- Strengthening mechanisms for regional collaboration
- Increasing the visibility of SEAFDEC

5. Operational Guidelines

Considering long-term perspective with the objective of careful monitoring and evaluation, the operational guidelines for SEAFDEC Program implementation could include:

- Prioritization of project activities based on needs of Member Countries
- Establishment of clear outcome objectives and outputs relevant to the region
- Establishment of policy on cost-sharing, cost-effectiveness and financial accountability
- Establishment of annual critical review/feedback from stakeholders and target groups from member countries involved in the project
- Optimizing human and IT resources in the implementation of the projects to minimize costs

6. Program Thrusts

The SEAFDEC Program Framework would comprise the following major thrusts, based on the competence of SEAFDEC:

- i) **Developing and promoting responsible fisheries for poverty alleviation and food security**
 - ✓ Research and development for best practices, and technology transfer
 - ✓ Pre and post-harvest technologies
 - ✓ Capacity building in best practices
 - ✓ Aquaculture

Description: The growing domestic and international demand for fish and fish products has resulted in the excessive exploitation of the aquatic resources in the region. In this context, the projects under this thrust would provide ways to ensure the sustainability of fisheries resources. This thrust involves research and development in relevant technologies and best practices, as well as capacity building for efficient and sustainable use, management and development in capture fisheries, aquaculture and post-harvest. The activities would also cover post-harvest practices, aquaculture, responsible fishing technologies and practices to achieve effective and sustainable use of fisheries resources in the Southeast Asian region.

- ii) **Enhancing capacity and competitiveness to facilitate international and intra-regional trade**
 - ✓ Quality and safety standards and assurance system⁷
 - ✓ Food traceability through the supply chain
 - ✓ ASEAN Economic Community-ASEAN Roadmap Measures and Initiatives

Description: ASEAN is currently promoting the “Roadmap to Fisheries Integration”. The efforts of the ASEAN Member States to systematize the flow of capital and goods among the ASEAN region in the fishery sectors would contribute to the reduction of poverty and

⁷ According to the International Standards Organization (ISO), Quality Assurance (Q.A) consists of all planned and systematic actions necessary to provide adequate confidence that a product or service will satisfy given requirements for quality

inequality, particularly through sustainable management and development of fisheries in the region. This component aims to assist the Member Countries in enhancing capacity and competitiveness to facilitate international and intra-regional fish trade through consultations, demonstration and dissemination of techniques, testing methods, standards and/or other relevant approaches and systems, etc.

iii) Improving management concepts and approaches for sustainable fisheries

- ✓ Co-management
- ✓ Rights-based fisheries
- ✓ Community strengthening
- ✓ Fisheries governance
- ✓ Overcapacity and IUU fishing
- ✓ Ecosystem based management
- ✓ Small-scale fisheries

Description: *The establishment of appropriate management mechanisms is vital to ensure stable fish supply and achieving long-term food security in the region. Currently, policies, legal and institutional or regulatory frameworks established by the member countries focus on fisheries management that are generally based on increased concerns about decreasing fish stocks and/or overexploited fish stocks. Thus, there is a need to enhance national fisheries management frameworks through the incorporation of various requirements for sustainable fisheries development in the region. This thrust highlights the need for innovative management for sustainable fisheries to improve, develop and promote appropriate approaches for fisheries management in particular for fishing communities and rural aquaculture.*

iv) Providing policy and advisory services for planning and executing management of fisheries

- ✓ Fishery information and statistics
- ✓ Technical advisory services
- ✓ Fisheries issues and initiatives in the region

Description: *This thrust supports the Member Countries by providing recommendations for regional policy and advisory services, especially in the areas of long term planning for management and development of fisheries. This would be done through the promotion of process and information dissemination of appropriate best practices developed. To facilitate better planning and implementing management of fisheries, the program activities under this thrust would cover improvement of fisheries statistics through capacity building of both human resources and statistical institutions, and the promotion of unified statistical systems to facilitate data and information sharing among Member Countries and other regional and international fisheries agencies.*

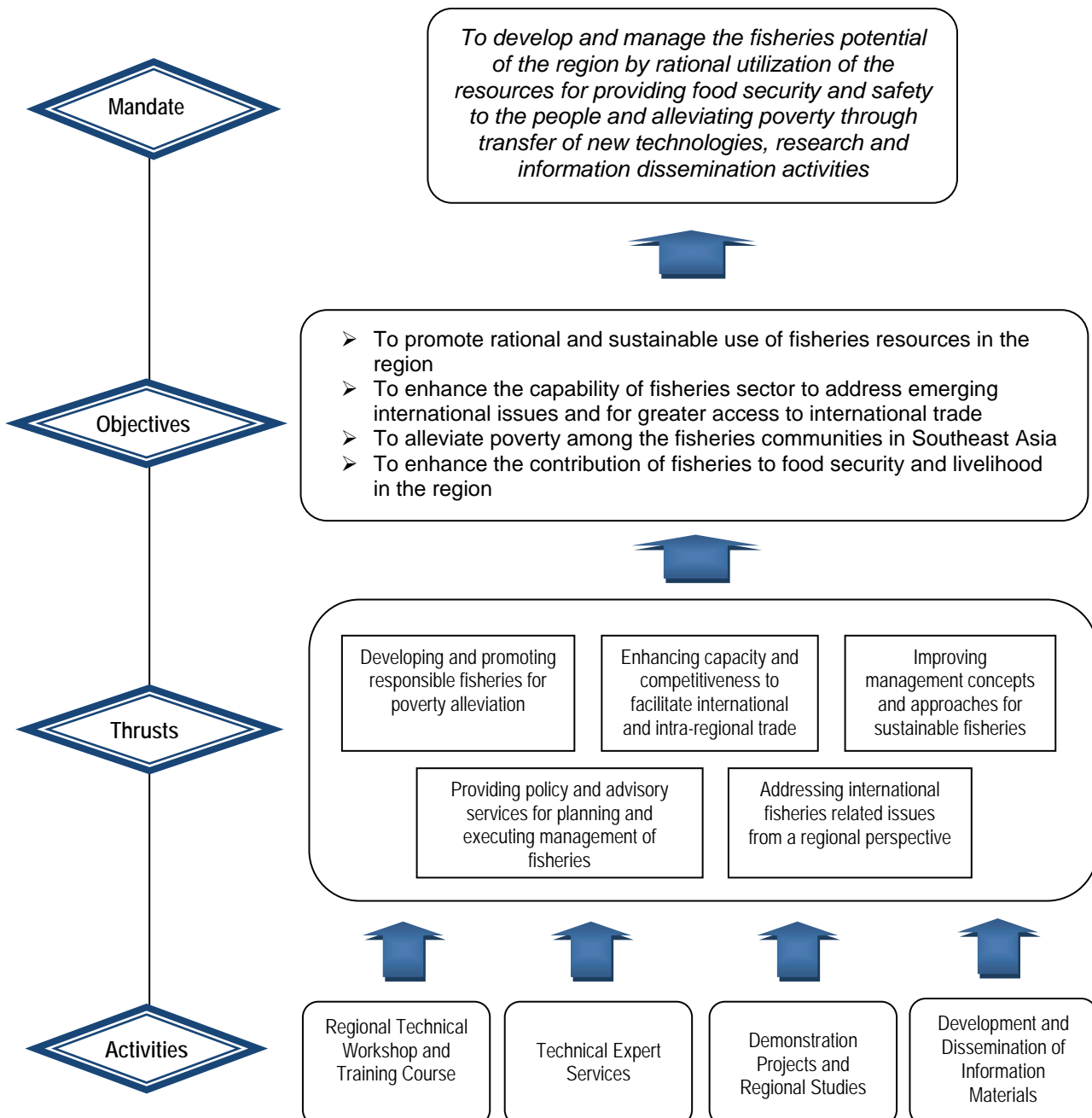
v) Addressing international fisheries related issues from a regional perspective

- ✓ Emerging international issues and their impact on fisheries
- ✓ Policy and common/coordinated position

Description: *The growing global economic integration and liberalization, trade regulation/deregulation, impact of climate change, globalization of information systems, etc., inevitably affect fisheries in Southeast Asia. These result in both positive and negative impact on food security, well-being of fisheries communities, poverty alleviation, equity within countries and between developing and developed countries, and others. The effects on the socio-economic aspects of fisheries in the region may not always be managed from within the sector or even*

at the national level. Regional collaboration is necessary to address these issues. Thus, this thrust is developed with the aim of generalizing the regionally common/coordinated approaches by providing a platform for Member Countries and other relevant organizations to discuss important international related issues and recommend necessary actions that could be adopted regionally and sub-regionally.

Strategy/Structure for SEAFDEC Program Framework



Annex 19

OPERATION OF SEAFDEC TRAINING AND RESEARCH VESSEL: MV SEAFDEC2

INTRODUCTION

The Government of Japan gave a fisheries research and training vessel named MV SEAFDEC-2 to SEAFDEC/Training Department under the Japan's Grant Aid Scheme for Eligible Countries in March 2004. The vessel has been utilized by the Grant Aid Eligible Countries and other SEAFDEC member countries in order to conduct coastal fishery stock surveys while providing training in fishing and catch handling operations. To achieve these activities and to ensure main benefit of the MV SEAFDEC 2 given to SEAFDEC member countries, Eligible countries and operational committee was set up. Due to budgetary constraints in 2006 the meeting of Eligible Countries and Operation Committee is ceased. However, the utilization of MV SEAFDEC2 for the national fisheries resources program requested by member countries has continued. In 2007, funding support to the operation of MV SEAFDEC2 has mainly received from the Minimum Regular Contribution (MRC) and the cost-sharing policy on the use of MV SEAFDEC2.

MV SEAFDEC2 OPERATION IN 2008

The final operation plan in 2008 for the utilization of MV SEAFDEC2 requested by two countries, namely, Brunei Darussalam and Thailand appears in the Table 1. A total operational day was 95days.

Table 1: Operational Plan of M.V. SEFADEC2 in 2008

| N o. | Item | J | F | M | A | M | J | J | A | S | O | N | D | Request ed by | Main Activities | Status | Tot al day s |
|------|--|---|---|---|---|---|---|---|---|---|---|---|---|-------------------|--|-----------------------|--------------|
| 1 | Survey on Ocean-Reef Coupling and Investigation of Biogeochemical Process in Andaman Sea | | | █ | | | | | | | | | | Thailand | ACDP Morning, oceanographic survey, fishing trials on deep-sea sampling gear (beam trawl, IKMT) | Completed 3Mar~4 Apr | 31 days |
| 2 | Resource survey in Waters of Brunei Darussalam | | | | | | █ | | | | | | | Brunei Darussalam | Demersal fish resources, oceanographic, and acoustic survey | Completed 4Jun~5Jul | 31 days |
| 3 | Pelagic fisheries resources survey in Andaman Sea | | | | | | | | | | | | █ | Thailand | Deployment of the fixed FADs in the EEZ, oceanographic survey, fishing trials on pelagic resources | Completed 24Nov~25Dec | 33 days |

PROPOSED OPERATION PLAN FOR THE YEAR 2009

The proposed operation plan for the utilization of MV SEAFDEC2 in 2009 by three Member Countries, namely, Brunei Darussalam, Indonesia, and Thailand was endorsed at the 31st SEAFDEC Program Committee Meeting held at Singapore in December 2008. However, based on the adjustment made from the Member Countries and Departments concerned, the plan was revised and finalized as shown in Table 2. Total numbers of operation day in 2009 for M.V. SEAFDEC2 is approximately 97 days.

Table 2: Operational Plan of M.V. SEAFDEC2 in 2009

| No | Item | J | F | M | A | M | J | J | A | S | O | N | D | Requested by | Main Activities | Status | Total days |
|----|--|-------------------|---|---|---|---|---|---|---|---|---|---|---|-------------------|---|----------|------------|
| 1 | Resource survey in Waters of Brunei Darussalam | | | | | | | | | | | | | Brunei Darussalam | Acoustic and oceanographic survey, fishing trials on demersal and pelagic resources | On going | 37days |
| 2 | Resource survey in Celebes and Molucca Sea | (to be finalized) | | | | | | | | | | | | Indonesia | To be finalized | | |
| 3 | Fisheries resources survey in Andaman Sea | (to be finalized) | | | | | | | | | | | | Thailand | To be finalized | | |

Budgetary Matters:

Referring to the funding support for the operation of MV SEAFDEC2 that is mainly from the Minimum Regular Contribution (MRC) and the cost-sharing policy on the use of MV SEAFDEC2, the available MRC budget is in total amount of 150,000USD per year since 2007. This amount of budget to be spent for three categories- 1) Annual Insurance, 2) Annual Maintenance, and 3) Operating Cost of Vessels based on request from MCs. However, the available MRC does not include the calibration and maintenance cost of scientific instruments (such as ICTD, PAR, TSG equipments, etc.), the special survey and docking costs of MV SEAFDEC2 in accordance with the relevant regulations of NKK and Marine Department of Thailand which stipulate that the vessels need to undergo the special check and dry dock at least twice within 5 years period. The approximated cost for those calibration and maintenance of scientific instruments and the special survey and dry docking of MV SEAFDEC2 is 210,000USD for every 5 years cycle. Regarding this, since SEAFDEC have received MV SEAFDEC2 in 2004 till present, TD conducted the special survey and dry docking in 2006 one time and the second time will be made in 2009. With the available budget constrains in 2009, therefore SEAFDEC requested to use the Japanese unspent budget for the second special survey and dry docking.

In order to maintain the efficiency and accuracy of regional research surveys and as well as safety of the vessels for the future operation of MV SEAFDEC2, the calibration and *maintenance of scientific instruments, special survey and dry docking* is significantly required. Therefore, SEAFDEC proposes to secure the budget for these *expenditures*

amount of 210,000 USD for 5-year cycle. In doing so, there is a need to adjust the use of MRC for operation of MV SEAFDEC2, the Council may wish to consider the following scenarios and provide directions to SEAFDEC:

| Scenarios for the Use of MRC for Operation of MV SEAFDEC2 starting from 2010 | Possible Impacts |
|---|--|
| <p>1) Secure 28% or 42,000 USD of the current MRC for MV SEAFDEC2 (150,000 USD) on yearly basis (42,000 USD x 5 years = 210,000 USD)</p> | <ul style="list-style-type: none"> • MRC budget for MV SEAFDEC2 will remain 108,000 USD per year (<i>which will be used for conducting the survey as requested by MCs, insurance and maintenance of MV SEAFDEC 2</i>) • annual cost for insurance and maintenance of MV SEAFDEC 2 is fixed about 45,000USD per year • accordingly, budget for conducting the survey as requested by MCs will be remained only 63,000USD per year • MV SEAFDEC2 could operate activities approximately 50-65 days per year (depends upon survey area/cruising distance/ operation day per cruise/) |
| <p>2) Increase additional 42,000 USD per year to the current allocated MRC budget for MV SEAFDEC2, therefore the new allocated MRC budget for MV SEAFDEC2 will be 192,000USD per year</p> | <ul style="list-style-type: none"> • MRC budget for MV SEAFDEC2 will remain 150,000 USD per year (<i>which will be used for conducting the survey as requested by MCs, insurance and maintenance of MV SEAFDEC 2</i>) • annual cost for insurance and maintenance of MV SEAFDEC 2 is fixed about 45,000USD per year • accordingly, budget for conducting the survey as requested by MCs will be remained only 105,000 USD per year • MV SEAFDEC2 could operate activities approximately 90-110 days per year (depends upon survey area/cruising distance/ operation day per cruise/) • Need to review the level of contribution and the use of MRC. • 40th Meeting of SEAFDEC Council agreed that the level of MRC should be reviewed every 5-year and appropriately adjusted in order to ensure the sustainable operation of SEAFDEC [para. 69]. If the Council at this meeting would select this scenario, the level of MRC need to be discussed |
| <p>3) Adjustment of cost sharing scheme (Refer to Appendix 1: especially in the part III. Outline of Cost Sharing Policy, article 1) by applying a new article 1) as follows:</p> <p>1) Supply of fuel that would be consumed by vessel during operation of research in the national waters, covering the fuel consumption occurred by cruising back and forth to the requested country.</p> <p>Article 2) – 4) no change</p> | <ul style="list-style-type: none"> • SEAFDEC can secure some remaining MRC budget (28%) on yearly basis. • MV SEAFDEC2 could operate activities approximately 90-110 days per year (depends upon survey area/cruising distance/ operation day per cruise/) • Member countries have to supply of fuel for full period of utilizing the vessel. |

REQUIRED ACTIONS BY SEAFDEC COUNCIL

The Council is requested to: 1) take note of operational plan for MV SEAFDEC2 in 2008, and; 2) endorse the operational plan of MV SEAFDEC2 in 2009, 3) provide policy direction for future operation of MV SEAFDEC2 and budgetary matters for operation of MV SEAFDEC2.

Guidelines for The Cost Sharing Policy on the Operation of the “M.V. SEAFDEC 2”

I. Introduction

With favorable understandings of Japanese Government about SEAFDEC' function assisting fisheries development of member countries, SEAFDEC could successfully agree with Japanese Government for provision of a new research vessel, namely M.V. SEAFDEC2 under Japanese Grant Aid Program to SEAFDEC.

Through a series of consultations with Japanese Government, it was reached to the agreement between Japan and SEAFDEC that the utilization of M.V. SEAFDEC2 should be secured to be beneficial to countries which are eligible to Japanese Grant Aid Program. On the other hand, it was also agreed among SEAFDEC member countries that operation of the M.V. SEAFDEC2 should be based on cost sharing policy taking into account of both benefits of operation of the vessel to member countries and expected budgetary constraint of SEAFDEC in future. Cost sharing policy regarding operation of the M.V. SEAFDEC2 is also recognized as an important element to establish ownership of researches by member countries and to promote sustainable research activities using the M.V. SEAFDEC2 in the region.

As for exploration of research needs of member countries, SEAFDEC will organize two mechanisms, the eligible countries committee where the eligible countries could provide or propose their own research needs or plans of using the M.V. SEAFDEC2 and the operation committee where the annual plan of operation of M.V. SEAFDEC2 should be developed taking into account of needs of SEAFDEC member countries other than eligible countries as well.

In last Program Committee held in Manila in January 2004, three categories of expected operation using the M.V. SEAFDEC2 were presented. All categories of collaborative operation that are related to the needs of member countries and operation in the national waters would be under the cost sharing policy except operation by SEAFDEC to verify application of standardized research methods using the M.V. SEAFDEC2, which have been considered through Technical Consultative Meeting in October 2003 and 3 November 2004.

II. Objectives

This Guideline is to provide the outline of expected cost sharing policy to be considered by member countries, the policy which will apply for operation of M.V. SEAFDEC2 arrived at SEAFDEC in early March 2004.

III. Outline of Cost Sharing Policy

Regardless in cash or in kind, following financial items related to operation cost should be borne as a matter of principle by member country that will request collaborative operation of the M.V. SEAFDEC2 in her national waters in response to her needs and interests.

- 1) **Supply of fuel** that would be consumed by vessel during operation of research in the national waters.
- 2) **Supply of fresh water** that would be consumed by vessel during operation of research in the national waters.

- 3) **Salary and necessary DSA of the local or national participant** on-board research activities should be borne by member country based on its own standard.
- 4) **Agency fee and port clearance fee** should be borne by member country when the vessel visits and stays at the port for implementation of collaborative research program.

IV. Work scheme for collaborative research with member countries

1) Each member country is requested to prepare her research proposal, if any, taking into account of short or mid-term respect. The proposal should be presented to the eligible countries committee and/or operation committee for consideration of cruise plans for the M.V. SEAFDEC2.

As a matter of principle, staying period in operation of M.V. SEAFDEC2 in the national waters can be limited to a maximum period of one month, taking into account of ensuring availability of the M.V. SEAFDEC2 to other member countries.

2) Through consultation at operation committee, each proposal from member countries and Departments are to be reviewed and finalized based on priority, practicability, readiness and financial background on the proposed research programs. Schedule of research program of the country finalized at operation committee could be adjusted to next priority country's needs or be postponed until financial arrangement become ready by the country.

3) Two months prior to the implementation of the individual research program, TD staff who are in charge of operation will communicate with through E-mail/or visit each beneficiary member country to discuss with the concerned staff on the detailed arrangements of the cruise and research program. SEAFDEC WGRFP will be mobilized for effective communication.

4) Preliminary cruise report including comments on the immediate impacts of the utilization of M.V. SEAFDEC 2 on the results of national research program should be submitted to SEAFDEC/TD within six months after the cruise.

COLLABORATIVE ARRANGEMENT BETWEEN SEAFDEC AND OTHER ORGANIZATIONS

Cooperation across the global organizations and non-member governments particularly the approaches that effect directly to develop fisheries and aquaculture of the Southeast Asian region is main policy of SEAFDEC. For the past year, SEAFDEC and its departments have expanded its cooperation in both manner new establishment and renewal.

Cooperation with Academic Institutions

Kagoshima University (KUFF)

With the early main objectives of SEAFDEC and Faculty of Fisheries of the Kagoshima University (KUFF) wish to retain: 1) to sustain development of fisheries in the Southeast Asian region; 2) to build significant channel for exchange programs on educational and training for staff members and students; and 3) to look for exchange of data of researches, SEAFDEC Secretariat and KUFF have agreed to promote academic and educational cooperation and research in the area of mutual interest since 2003. Hence the Arrangement in related with the above agreement was signed then on 3rd December 2003. After five years of the cooperation, SEAFDEC and KUFF achieve fruitful success in their goals and mutual benefits. As the first five-year Arrangement terminated in 2008, thus the two organizations had considered and decided to continue the cooperation and extend the Arrangement for another five years. The renewal of the Arrangement was signed on 24 December 2008

North Carolina State University of USA

SEAFDEC/AQD continued its partnership arrangement with North Carolina State University for the implementation of the Philippine portion of the USAID-funded cooperative research program 'Improved Cost Effectiveness and Sustainability of Aquaculture in the Philippines and Indonesia'. Under this partnership arrangement, AQD is responsible for conducting a 3-year research project on 'Alternative Feeding Strategies to Improve Milkfish Efficiency in the Philippines'. The project involves evaluating the efficacy of feed schedules that incorporate different increments of feed restrictions and re-feeding on milkfish production characteristics and the compensatory (catch-up) growth response in marine and brackish water tanks, and the efficacy of alternate feed schedules on full grow-out trials in brackish water ponds and fish cages in marine environment.

National Institute of Fisheries of Ecuador

SEAFDEC/AQD signed an Agreement with Ecuador's National Institute of Fisheries on 3 December 2008 for a 2-year collaboration. The collaboration involves evaluation of endogenous marine finfish in Ecuador for aquaculture and feasibility of establishment of multi-species marine fish hatchery; provision of technical assistance in the establishment of demonstration facilities for seed production (hatchery and nursery) and grow-out (ponds and cages) of multi-species marine fishes; and implementation of training programs on marine fishes in Ecuador.

Cooperation with donors and partner organization

Australian Centre for International Agricultural Research (ACIAR)

SEAFDEC/AQD entered into a Contract of Agreement with the Commonwealth of Australia represented by ACIAR last January 2008 to provide technical services on abalone. The services include undertaking of an assessment mission to Eastern Indonesia to provide recommendations to ACIAR on R&D investment opportunities which could enhance the production and profitability of their abalone industry. Such assessment will take into account the smallholder agribusiness development initiative of ACIAR in Indonesia.

SEAFDEC INTELLECTUAL PROPERTY POLICY

Introduction

Intellectual property (IP) and IP rights (IPR) creation and protection have assumed an increasingly profound, unexpected and unprecedented influence on the progress of technological research and development of entities as well as communities of peoples across the world. SEAFDEC as an organization for research and development of fisheries in Southeast Asia has created many kinds of works, i.e. literary and scientific works; computer and related databases as well as designs for some fishing gears and boat's machineries; sails; and even aquacultural feeds and related medicines (chemical substances and useful drugs), etc. To ensure that the works of SEAFDEC as the Center, are protected and recognized as useful for the development of the fisheries in the region, this IPR policy has been initiated.

Purpose

The IPR policy reflects the following goals:

- To create a Center-wide environment that encourages the generation of new knowledge by the staff and employees;
- To facilitate wide transfer of useful inventions and writings to the society;
- To motivate the development and dissemination of intellectual property by providing appropriate financial rewards to the creators and the Center, and administrative assistance to the creators; and
- To ensure that the financial returns from the development of the intellectual property does not distort the decisions and operations of the Center in a manner contrary to the mission of the Center.

The policy is based on the following principles relating to the Center:

- The mission of the Center remains the generation and dissemination of knowledge; and that
- Intellectual property will be generated within the Center, where there exists an obligation to disseminate it. An interface is needed in order that better technology transfer would be achieved with the Center providing the mechanisms for such function.

The policy is based on the following principles relating to the Center staff and employees.

- Intellectual property is created by individuals or by groups of individuals, who are entitled to choose the course of disclosure; academic freedom of individuals is a higher priority than possible financial rewards
- There exists a historical tradition allowing authors to retain the ownership of intellectual property rights from textbooks, related articles as well as works of art
- The Center is the support of all Departments, and is thereby entitled to share the financial rewards
- There should be incentives for all parties to pursue financial rewards together, consistent with the expressed goals of the policy. The distribution of the rewards should reflect, in so far as possible, the creative contributions of the creator, and the resources contributed by and risks assumed by both the creator and the Center in developing the intellectual property

- Since it is frequently difficult to meaningfully assess the risks, resources and potential rewards, negotiated agreements are to be encouraged whenever possible.

Policies

There are at least 2 IPR policies that are being considered:

1. Copyright Policies
2. Patent Policies

COPYRIGHT POLICIES

General Statement

Copyright protects the original expression contained in a work. Copyright is intended to promote and encourage excellence and innovation in scholarly research and teaching by identifying and protecting the rights of the Center, its staff, employees and affiliates.

The basic rights included in the copyright regulation are:

- i. the right to make copies;
- ii. the right to distribute copies to the public (to publish the work);
- iii. the right to make derivative works (translations, abridgements, adaptations); and
- iv. the moral right against mutilation and misattribution.

Policies

As a part of the copyright of research studies, the staff concerned should be required to sign a permission of the Center to make the work available for inspection, to copy and circulate the work for scholarly purposes, and to make use of the work and paper for publication.

1. All staff of SEAFDEC working for any research program should abide by these policies.
2. All staff while working for the Center/Department should sign the agreement form waiving all the copyrights of the work done as part of their research in the Department to the Center.
3. The agreement will be part of the appointment procedure, which will be mandatory.
4. All works will be given the corresponding ISBN Code Numbers and code numbers by the Department, and will be put in an electronic documentation system.
5. The electronic documentation will have a standard format for the Departments and the Center.

PATENT POLICIES

1. Disclosure of Patentable Inventions

Staff, employees, affiliates, contractors and participants who have patentable inventions (ideas, concepts, methods, materials, processes, etc.), in which the Department may have ownership rights, shall bring them to the attention of the Patent Committee.

2. Ownership of the Inventions

In general, all the patentable inventions conceived or first reduced to practice by the researcher in the conduct of a Center research will belong to the Center/Department.

The rights of the Center/Department in patents arising from research will vary depending on the proportionate contribution of the Center/Department to the performance of the research projects or on the type of contract agreed upon with cooperating agencies. Research projects can vary from those wholly financed by the Center/Department or by Center/Department-administered funds to projects which receive no significant Center/Department support.

- 2.1 The Center/Department will have ownership rights of all inventions of Center/Department research that are conceived or first actually deduced to practice as a part of or as a direct result of any research activity in a Department.
- 2.2 To the extent that an invention is conceived, developed or deduced to practice by a staff, affiliate, contractor and participant, on his/her own time, outside the scope of his/her employment or association with the Center/Department and without utilizing Center/Department facilities, materials, or resources, ownership of such invention shall belong to such person.
- 2.3 The inventor will cooperate and assist the Center/Department in all the phases of the patent application processes and will assign such applications or any patents resulting thereof to the Center/Department for possible patenting and/or commercial exploitation and management under the terms to be agreed upon by the inventor and the Center.
- 2.4 The provisions of the Center patent procedures are subject to any applicable laws, regulations or specific provisions of the grants or contracts which govern the rights of the inventions made in connection with sponsored research.
- 2.5 In order to avoid any question concerning the tax exempt status of financing used for certain Center/Department facilities, SEAFDEC shall seek to:
 - retain the ownership of inventions arising during the performance of research sponsored by any private entity at the Center/Department and/or Government-sponsored, and;
 - grant to such sponsor(s) any right in the invention only under compensation terms that are set after the time when the invention comes into existence and that are at a fair market level of compensation to the Center/Department. The Center/Department may be required to license patent rights to the contracting party. The Center/Department retains the right to enter into such agreements whenever such action is considered to be both in its best interest and in the public interest. The Center/Department will not agree to grant any rights in future inventions to private corporations or businesses unless such provision is included in the contract with the sponsor of the work leading to the invention.
- 2.6 Final decision of the conflicts of interest arising shall be considered by the Patent Committee and the appropriate recommendations submitted to the Center/Department Administration.
- 2.7 In cases where the Center has an ownership interest pursuant to item 2.1, and either the inventor or Center/Department does not file a patent application within one year, or fails to make a positive determination regarding the pursuit

of a patent within a period of six months from the date of disclosure, all of the Center's/Department's rights shall be reassigned to the inventor(s) upon request, subject only to external sponsor restrictions which may apply.

3. Royalty Distribution

"Patent income" can be defined to include income associated with any patent disclosure made to the Patent Committee for exploitation, even if the income is received before a patent application has been filed or a patent has been issued, and includes such money received as royalties, fees, advanced payments, court-awarded infringement damages, payments received in settlement of infringement disputes, and the like, calculated after the costs of exploiting the disclosure have been reimbursed to the Center, some examples of such costs are the cost of securing the patent, appropriate licenses, and other legal efforts as required.

3.1 The Patent Income will be divided according to the amount of the income generated as:

- i. For the income of less than 30,000 US\$:
 - a. 50% to the researcher
 - b. 50% to the Department
- ii. For the income of 30,000 to 100,000 US\$:
 - a. 40% to the researcher
 - b. 40% to the Department
 - c. 20% to the Center
- iii. For the income of more than 100,000US\$:
 - a. 30% to the researcher
 - b. 40% to the Department
 - c. 30% to the Center

Note: The % distribution among the researcher(s) of the income amount provided for the researcher(s) should be decided according to the contribution made to the research by the researcher(s) involved in the research.

Any prior agreements with regard to any of the patents arising from the research made by the sponsor should be taken into consideration, and the agreed amount or money amounting up to 10% should be given to the sponsor.

3.2 In the case of irresolvable disputes over the distributions in item 3.1, the net royalty income distribution shall be allocated and made on an equitable basis determined by the Center.

4. Licensing Policy

Furtherance of the Patent Policy may require various forms of agreements including the granting of exclusive licenses. The Center/Department should follow the International or the National License Policies as the case may be. In general it should follow the international practices.

5. Waiver requests

Each Department under the Chief should maintain a separate account for the payment of patent fees. Waiver of any provisions of the Patent Policy shall be granted only in extraordinary and compelling circumstances and pursuant to the procedure described below.

A request of the waiver of any of the provisions of this Patent Policy shall be submitted to the Secretary-General of the Center for transmittal to the DCM

(hereinafter defined). Such requests shall include an identification of the provisions of the policy requested to be waived, and a full explanation of the reasons for the waiver including, but not limited to, the manner in which the waiver is consistent with the educational purposes of the Center and the public interest.

Certain sponsors may wish to impose as a condition of the award of conduct or grant funds, special provisions, which are at variance with this Patent Policy. Under such circumstances, the Center may entertain such proposals as requests for waiver under this paragraph subject to additional conditions that all researchers engaged in research to be supported by the proposed grant or contract, containing such provisions, shall acknowledge and accept those specific provisions.

The Department Chiefs Meeting (DCM) shall review each request for waiver and submit the report of its findings and recommendations to the Secretary General whose decision shall be final. Each action under this section shall be considered on its own merits in the light of all the facts surrounding the particular request and shall have no implication for consideration of subsequent requests. Waiver of provisions relating to the distribution of the net royalty income shall, in addition, require the approval of the Department Chief from which the invention emanated.

6. Deferral

This statement of Patent Policy shall not prevent the participation, under research agreements with, or the conduct of research for, government agencies (local, state or federal) subject to laws or regulations which require a different disposition of patent rights than herein provided, or impose other provisions which are inconsistent with its provisions. Such provisions which are inconsistent with this Patent Policy shall be deemed superseded and the management and licensing of and such provisions shall apply.

7. Patent Management Agencies

The Center/Department may make suitable arrangements not inconsistent with the provisions of this Patent Policy with patent management agencies or firms for the purpose of obtaining services and advice with respect to the patentability of inventions, the obtaining of the patents thereon, and the management and licensing of any such patents.

8. Patent Agreements

In order to facilitate the distribution of patent rights and benefits consistent with the provision of this Patent Policy, each participant in the Center/Department research shall execute a patent agreement. Pursuant to such an agreement each participant shall acknowledge that all such research are subject to the terms of this Patent Policy, and shall agree to cooperate with the Center/Department or its designee in the assignment to the Center/Department of patent rights for inventions or discoveries conceived or first deduced to practice during such research and the preparation and prosecution of patent applications, as may be required to implement its provision. This requirement may be waived by the Secretary-General only in those cases where a Center research occurs within a discipline in which the prospect of a patentable invention is, in his/her judgment, extremely remote.

9. The DCM as the Patent Advisory Committee

The DCM will act as the Patent Advisory Committee. It shall be the function of the Committee to advise and recommend to the Secretary-General with respect to the:



- guidelines and procedures for implementation of this Patent Policy,
- proposed amendments to the Patent Policy,
- granting of individual exceptions to this policy,
- Center's ownership of particular inventions, and such matters as the Secretary-General may deem appropriate.

10. Patent Committee

Each Department has to establish the Patent Committee which will take care of the activities concerned with the patent procedures lead by the Chief. The Chief will coordinate with the Secretary General and the senior staff of the center for other concerned matters.

SOUTHEAST ASIAN FISHERIES DEVELOPMENT CENTER
ABRIDGED CONSOLIDATED FINANCIAL STATEMENTS
DECEMBER 31, 2007 AND 2006

| | In US\$ | |
|-------------------------------------|--------------------------|----------------------|
| | 2007 | 2006 |
| REVENUES | | |
| Contributions from :- | | |
| Member governments | 6,269,324 | 6,186,999 |
| Other sources | 318,602 | 405,106 |
| Other income | 403,264 | 415,329 |
| TOTAL REVENUES | 6,991,190 | 7,007,434 |
| EXPENDITURES | | |
| Operating and Capital Expenditure | | |
| Research | 875,186 | 818,635 |
| Training | 675,624 | 716,699 |
| Information | 725,788 | 387,583 |
| Collaborative | 151,041 | 16,780 |
| Special 5-year | - | 141,596 |
| Administrative | 4,626,685 | 4,916,437 |
| TOTAL EXPENDITURES | 7,054,324 | 6,997,730 |
| SURPLUS (DEFICIT), For the year | (63,134) | 9,704 |
| FUND BALANCE, Beginning of year | 5,217,107 (1) | 4,750,609 |
| FUND ADJUSTMENT | (7,363) | - |
| FUND BALANCE, End of year | 5,146,610 | 4,760,313 (1) |
| | | |
| REPRESENTED BY : | | |
| Cash at Bank | 4,954,066 | 4,365,185 |
| Other receivables | 167,026 | 306,314 |
| Advances and Deposits | 157,820 | 144,409 |
| Supplies inventory | 51,590 | 47,701 |
| Fuel oil for vessels | 67,794 | 82,953 |
| Prepayments | 18,858 | 18,391 |
| Total Current assets | 5,417,154 | 4,964,953 |
| Termination indemnity fund | 1,552,274 | 1,287,045 |
| Other assets-Net | 196,271 | 195,169 |
| Total Assets | 7,165,699 | 6,447,167 |
| Less : Liabilities | | |
| Accrued payable | 293,595 | 221,709 |
| Fund held in trust | 173,220 | 178,100 |
| Provision for termination indemnity | 1,552,274 | |
| 1,287,045 | Total Liabilities | |
| 2,019,089 | 1,686,854 | |
| TOTAL NET ASSETS | 5,146,610 | |
| 4,760,313 | | |

(1) The difference of US\$456,794 (US\$ 5,217,107 – US\$ 4,760,313) resulted from the change of rate in US\$ translation.

**SOUTHEAST ASIAN FISHERIES DEVELOPMENT CENTER
THE SECRETARIAT**

**ABRIDGED FINANCIAL STATEMENTS
DECEMBER 31, 2007 AND 2006**

| | In US\$ | |
|-------------------------------------|----------------|----------------|
| | 2007 | 2006 |
| REVENUES | | |
| Contributions from :- | | |
| Member governments | 400,000 | 661,143 |
| Other sources | 7,600 | 30,400 |
| Other income | (9,552) | 31,002 |
| TOTAL REVENUES | 398,048 | 722,545 |
| EXPENDITURES | | |
| Operating and Capital Expenditure | | |
| Training | 4,141 | 24,549 |
| Information | 67,624 | 47,199 |
| Collaborative | 151,041 | 16,780 |
| Special 5-year | - | 11,868 |
| Administrative | 188,726 | 162,854 |
| TOTAL EXPENDITURES | 411,532 | 263,250 |
| SURPLUS (DEFICIT), For the year | (13,484) | 459,295 |
| FUND BALANCE, Beginning of year | 605,591 (1) | 188,136 |
| FUND ADJUSTMENT | 39,568 | (82,325) |
| FUND BALANCE, End of year | 631,675 | 565,106 |
| (1) | | |
| REPRESENTED BY : | | |
| Cash at Bank | 622,335 | |
| 529,319 | | |
| Other receivables | 30,521 | |
| 40,089 | | |
| Advances and Deposits | 16,259 | |
| 10,901 | | |
| Prepayments | 3,014 | |
| <u>2,759</u> | | |
| Total Current assets | 672,129 | |
| <u>583,068</u> | | |
| Total Assets | 672,129 | |
| 583,068 | | |
| Less : Liabilities | | |
| Accrued payable | 40,454 | |
| <u>17,962</u> | | |
| Total Liabilities | 40,454 | |
| <u>17,962</u> | | |
| TOTAL NET ASSETS | 631,675 | |
| 565,106 | | |

(1) The difference of US\$ 40,485 (US\$ 605,591 – US\$ 565,106) resulted from the change of rate in US\$ translation.

**SOUTHEAST ASIAN FISHERIES DEVELOPMENT CENTER
TRAINING DEPARTMENT**

**ABRIDGED FINANCIAL STATEMENTS
DECEMBER 31, 2007 AND 2006**

| | <u>In US\$</u> | |
|-------------------------------------|-------------------------|-------------------------|
| | <u>2007</u> | <u>2006</u> |
| REVENUES | | |
| Contributions from :- | | |
| Member governments | 1,908,087 | 1,717,198 |
| Other sources | 140,612 | 249,396 |
| Other income | 129,244 | 116,144 |
| TOTAL REVENUES | <u>2,177,943</u> | <u>2,082,738</u> |
| EXPENDITURES | | |
| Operating and Capital Expenditure | | |
| Research | 238,926 | 192,842 |
| Training | 654,570 | 624,175 |
| Information | 176,422 | 171,757 |
| Special 5-year | - | 9,728 |
| Administrative | 1,216,754 | 1,037,760 |
| TOTAL EXPENDITURES | <u>2,286,672</u> | <u>2,036,262</u> |
| SURPLUS (DEFICIT), For the year | (108,729) | 46,476 |
| FUND BALANCE, Beginning of year | 2,912,286 (1) | 2,588,792 |
| FUND ADJUSTMENT | - | 82,325 |
| FUND BALANCE, End of year | <u>2,803,557</u> | <u>2,717,593</u> |
| (1) | | |
| REPRESENTED BY : | | |
| Cash at Bank | 2,595,182 | 2,416,228 |
| Other receivables | 133,123 | 226,517 |
| Advances and Deposits | 46,432 | 29,787 |
| Fuel oil for vessels | 67,794 | 82,953 |
| Prepayments | 15,844 | 15,632 |
| Total Current assets | 2,858,375 | 2,771,117 |
| Termination indemnity fund | 1,552,274 | 1,287,045 |
| Total Assets | <u>4,410,649</u> | <u>4,058,162</u> |
| Less : Liabilities | | |
| Accrued payable | 54,818 | 53,524 |
| Provision for termination indemnity | 1,552,274 | 1,287,045 |
| Total Liabilities | <u>1,607,092</u> | <u>1,340,569</u> |
| TOTAL NET ASSETS | <u>2,803,557</u> | <u>2,717,593</u> |

1) The difference of US\$ 194,693 (US\$2,912,286 – US\$2,717,593) resulted from the change of rate in US\$ translation.

**SOUTHEAST ASIAN FISHERIES DEVELOPMENT CENTER
MARINE FISHERIES RESEARCH DEPARTMENT**

**ABRIDGED FINANCIAL STATEMENTS
DECEMBER 31, 2007 AND 2006**

| | In US\$ | |
|-----------------------------------|----------------|--------------------|
| | 2007 | 2006 |
| REVENUES | | |
| Contributions from :- | | |
| Member governments | - | 1,058,845 |
| Other income | 6,887 | 61,413 |
| TOTAL REVENUES | 6,887 | 1,120,258 |
| EXPENDITURES | | |
| Operating and Capital Expenditure | | |
| Training | - | - |
| Information | - | - |
| Special 5-year | - | 60,000 |
| Administrative | 61,944 | 1,137,010 |
| TOTAL EXPENDITURES | 61,944 | 1,197,010 |
| | | |
| SURPLUS (DEFICIT), For the year | (55,057) | (76,752) |
| FUND BALANCE, Beginning of year | 474,422 (1) | 523,057 |
| FUND ADJUSTMENT | (7,749) | - |
| FUND BALANCE, End of year | 411,616 | 446,305 (1) |
| | | |
| REPRESENTED BY : | | |
| Cash at Bank | 428,045 | 421,756 |
| Other receivables | 1,056 | 36,081 |
| Total Current assets | 429,101 | 457,837 |
| Total Assets | 429,101 | 457,837 |
| Less : Liabilities | | |
| Accrued payable | 17,485 | 11,532 |
| Total Liabilities | 17,485 | 11,532 |
| TOTAL NET ASSETS | 411,616 | 446,305 |

(1) The difference of US\$ 28,117 (US\$ 474,422 – US\$ 446,305) resulted from the change of rate in US\$ translation.

**SOUTHEAST ASIAN FISHERIES DEVELOPMENT CENTER
AQUACULTURE DEPARTMENT**

**ABRIDGED FINANCIAL STATEMENTS
DECEMBER 31, 2007 AND 2006**

| | In US\$ | |
|-----------------------------------|------------------|----------------------|
| | 2007 | 2006 |
| REVENUES | | |
| Contributions from :- | | |
| Member governments | 3,112,888 | 2,038,944 |
| Other sources | 170,390 | 125,310 |
| Other income | 276,685 | 205,978 |
| TOTAL REVENUES | 3,559,963 | 2,370,232 |
| EXPENDITURES | | |
| Operating and Capital Expenditure | | |
| Research | 636,260 | 625,793 |
| Training | 16,913 | 67,975 |
| Information | 481,742 | 168,627 |
| Administrative | 2,310,912 | 1,849,523 |
| TOTAL EXPENDITURES | 3,445,827 | 2,711,918 |
| | | |
| SURPLUS (DEFICIT), For the year | 114,136 | (341,686) |
| FUND BALANCE, Beginning of year | 1,220,567 (1) | 1,369,008 |
| FUND ADJUSTMENT | (34,941) | - |
| FUND BALANCE, End of year | 1,299,762 | 1,027,322 (1) |
| | | |
| REPRESENTED BY : | | |
| Cash at Bank | 1,308,504 | 993,236 |
| Advances and Deposits | 95,129 | 99,595 |
| Supplies inventory | 51,590 | 47,701 |
| Other Current Assets | 2,326 | 3,627 |
| Total Current assets | 1,457,549 | 1,144,159 |
| Other assets-Net | 196,271 | 195,169 |
| Total Assets | 1,653,820 | 1,339,328 |
| Less : Liabilities | | |
| Accrued payable | 180,838 | 133,906 |
| Fund held in trust | 173,220 | 178,100 |
| Total Liabilities | 354,058 | 312,006 |
| TOTAL NET ASSETS | 1,299,762 | 1,027,322 |

1) The difference of US\$ 193,245 (US\$1,220,567 – US\$1,027,322) resulted from the change of rate in US\$ translation.

**SOUTHEAST ASIAN FISHERIES DEVELOPMENT CENTER
MARINE FISHERIES RESOURCES DEVELOPMENT
AND MANAGEMENT DEPARTMENT**

**ABRIDGED FINANCIAL STATEMENTS
DECEMBER 31, 2007 AND 2006**

| | In US\$ | |
|-----------------------------------|----------------|------------------|
| | 2007 | 2006 |
| REVENUES | | |
| Contributions from :- | | |
| Member governments | 848,349 | 710,869 |
| Other income | - | 792 |
| TOTAL REVENUES | 848,349 | 711,661 |
| EXPENDITURES | | |
| Operating and Capital Expenditure | | |
| Special 5-year | - | 60,000 |
| Administrative | 848,349 | 729,290 |
| TOTAL EXPENDITURES | 848,349 | 789,290 |
| | | |
| SURPLUS (DEFICIT), For the year | - | (77,629) |
| FUND BALANCE, Beginning of year | 4,241 (1) | 81,616 |
| FUND ADJUSTMENT | (4,241) | - |
| FUND BALANCE, End of year | - | 3,987 (1) |
| | | |
| REPRESENTED BY : | | |
| Cash at Bank | - | 4,646 |
| Advances and Deposits | - | 4,126 |
| Total Current assets | - | 8,772 |
| Total Assets | - | 8,772 |
| Less : Liabilities | | |
| Accrued payable | - | 4,785 |
| Total Liabilities | - | 4,785 |
| TOTAL NET ASSETS | - | 3,987 |

- (1) The difference of US\$ 254 (US\$ 4,241 – US\$ 3,987) resulted from the change of rate in US\$ translation.

Annex 23

SOUTHEAST ASIAN FISHERIES DEVELOPMENT CENTER

UN-AUDITED CONSOLIDATED BALANCE SHEETS
DECEMBER 31, 2008 AND 2007

| | In US\$ | |
|---|------------------|------------------|
| | 2008 | 2007 |
| ACCUMULATED FUND | | |
| As at December 31 | 4,775,416 | 5,146,610 |
| REPRESENTED BY : | | |
| Current assets | | |
| Cash in hand and at banks | 4,499,986 | 4,954,066 |
| Other receivables | 149,741 | 167,026 |
| Advances and deposits | 162,138 | 157,820 |
| Supplies inventory | 67,782 | 51,590 |
| Fuel oil for vessels | 54,020 | 67,794 |
| Prepayments | 16,378 | 18,858 |
| Total Current assets | 4,950,045 | 5,417,154 |
| Termination indemnity fund | 1,526,464 | 1,552,274 |
| Other assets - Net | 7,798 | 196,271 |
| Total Assets | 6,484,307 | 7,165,699 |
| <u>Less</u> : Liabilities | | |
| Accounts payable | 182,427 | 293,595 |
| Funds held in trust | 0 | 173,220 |
| Provision for staff termination indemnity | 1,526,464 | 1,552,274 |
| Total Liabilities | 1,708,891 | 2,019,089 |
| NET | 4,775,416 | 5,146,610 |

SOUTHEAST ASIAN FISHERIES DEVELOPMENT CENTER
**UN-AUDITED CONSOLIDATED STATEMENT OF INCOMES AND EXPENDITURES
FOR THE YEARS ENDED DECEMBER 31, 2008 AND 2007**

| | In US\$ | | | | Total | |
|---------------------------------|------------------|----------------|---------------|----------------|------------------|------------------|
| | Operating Fund | | Fellowship | | Others | 2008 |
| | Host Department | MRC | Fund | Fund | | |
| INCOME | | | | | | |
| Contributions from :- | | | | | | |
| Government of Brunei Darussalam | | 7,000 | | | | 7,000 |
| Government of Cambodia | | 6,000 | | | | 6,000 |
| Government of Indonesia | | 26,000 | | | | 26,000 |
| Government of Japan | | 280,000 | | | | 280,000 |
| Government of Lao PDR | | 4,000 | | | 4,000 | 4,000 |
| Government of Malaysia | 889,464 | 10,000 | | | 899,464 | 858,349 |
| Government of Myanmar | | 10,000 | | | 10,000 | 10,000 |
| Government of Philippines | 2,696,917 | 15,000 | | | 2,711,917 | 3,127,888 |
| Government of Singapore | | 8,000 | | | 8,000 | 8,000 |
| Government of Thailand | 1,963,402 | 20,000 | 22,184 | | 2,005,586 | 1,928,087 |
| Government of Vietnam | | 14,000 | | | 14,000 | 14,000 |
| Sub-total | 5,549,783 | 400,000 | 22,184 | 0 | 5,971,967 | 6,269,324 |
| Other income | 542,454 | (18,670) | 3,816 | 315,887 | 843,487 | 721,866 |
| TOTAL INCOME | 6,092,237 | 381,330 | 26,000 | 315,887 | 6,815,454 | 6,991,190 |

SOUTHEAST ASIAN FISHERIES DEVELOPMENT CENTER

UN-AUDITED CONSOLIDATED STATEMENT OF INCOMES AND EXPENDITURES
FOR THE YEARS ENDED DECEMBER 31, 2008 AND 2007

| | In US\$ | | | | Total | |
|--|-----------------------------------|----------------|--------------------|------------------|------------------|------------------|
| | Operating Fund Host Department | MRC | Fellowship Fund | Others Fund | 2008 | 2007 |
| EXPENDITURE | | | | | | |
| Operating Expenditure | | | | | | |
| Program of Activities : | | | | | | |
| Research | 688,824 | | 7,727 | 112,998 | 809,549 | 875,186 |
| Training | 450,739 | | 27,552 | 109,135 | 587,426 | 675,624 |
| Information | 482,377 | 50,323 | | 159,310 | 692,010 | 725,788 |
| Collaborative | | 149,989 | | 2,126 | 152,115 | 151,041 |
| | 1,621,940 | 200,312 | 35,279 | 383,569 | 2,241,100 | 2,427,639 |
| Administrative & Capital expenditure | 4,376,624 | 181,003 | | 86,452 | 4,644,079 | 4,626,685 |
| TOTAL EXPENDITURE | 5,998,564 | 381,315 | 35,279 | 470,021 | 6,885,179 | 7,054,324 |
| SURPLUS(DEFICIT) FOR THE YEAR | 93,673 | 15 | (9,279) | (154,134) | (69,725) | (63,134) |



SOUTHEAST ASIAN FISHERIES DEVELOPMENT CENTER

**UN-AUDITED CONSOLIDATED STATEMENT OF FUND BALANCE
DECEMBER 31, 2008 AND 2007**

| | In US\$ | | | | |
|-----------------|----------------------------------|--------------------------|----------------------|------------------------------|------------------------------------|
| | Balance as at January 1, 2008 | Adjustment of fund | Surplus (Deficit) | Balance December 31, 2008 | Balance as at December 31, 2007 |
| Operating fund | 3,496,962 | | 93,688 | 3,590,650 | 3,784,585 |
| Fellowship fund | 170,272 | | (9,279) | 160,993 | 176,727 |
| Others fund | 1,177,907 | | (154,134) | 1,023,773 | 1,185,298 |
| Net | 4,845,141 | 1/ | (69,725) | 4,775,416 | 5,146,610 |

(1) The difference of US\$ 301,469 (US\$ 5,146,610 - 4,845,141) resulted from the change of rate in US\$ translation.

Annex 24

STATUS OF FINANCIAL SITUATION FOR THE YEAR 2009

**Contribution received from SEAFDEC Member Countries as
Annual Minimum Regular Contribution (MRC) in 2009**

| Countries | Minimum Regular Contribution (MRC) | Amount Received (In US\$) |
|-------------------|---|----------------------------------|
| Brunei Darussalam | 7,000 | 7,000 |
| Cambodia | 6,000 | 6,000 |
| Indonesia | 26,000 | |
| Japan | 280,000 | 280,000 |
| Lao P.D.R. | 4,000 | |
| Malaysia | 10,000 | 10,000 |
| Myanmar | 10,000 | |
| Philippines | 15,000 | 7,500 |
| Singapore | 8,000 | 8,000 |
| Thailand | 20,000 | 20,000 |
| Vietnam | 14,000 | |
| TOTAL | 400,000 | 338,500 |

PROPOSED BUDGETARY REQUIREMENTS OF THE CENTER FOR 2010

Table 1. Estimated Contributions Received by SEAFDEC from the Member Countries and Other Sources (in US Dollars) in Fiscal Year 2009

| Sources | Secretariat | Training Department | Marine Fisheries Research Department | Aquaculture Department | Marine Fishery Resources Development and Management Department | Total | |
|----------------------|--------------------------------|-------------------------|--------------------------------------|-------------------------|--|------------------|-------------|
| | | | | | | in US\$ | % |
| Brunei Darussalam | 7,000 | | | | | 7,000 | 0.07 |
| Cambodia | 6,000 | | | | | 6,000 | 0.06 |
| Indonesia | 26,000 | | | | | 26,000 | 0.27 |
| Japan | 280,000 | | | | | 280,000 | 2.90 |
| Lao PDR | 4,000 | | | | | 4,000 | 0.04 |
| Malaysia | 10,000 | | | | 1,355,270 ^{a/} | 1,365,270 | 14.12 |
| Myanmar | 10,000 | | | | | 10,000 | 0.10 |
| Philippines | 15,000 | | | 3,622,226 ^{d/} | | 3,637,226 | 37.61 |
| Singapore | 8,000 | | 0 | | | 8,000 | 0.08 |
| Thailand | 20,000 | 2,081,200 ^{e/} | | | | 2,101,200 | 21.74 |
| Vietnam | 14,000 | | | | | 14,000 | 0.14 |
| Sub-total | 400,000 | 2,081,200 | - | 3,622,226 | 1,355,270 | 7,458,696 | 77.13 |
| Others ^{g/} | 1,560,575 ^{b/} | | | 651,503 | | 2,212,078 | 22.87 |
| Total | 1,960,575 ^{a/} | 2,081,200 | 0 | 4,273,729 | 1,355,270 | 9,670,774 | 100% |

^{a/} Including Minimum Regular Contribution (MRC) from all SEAFDEC Member countries = US\$ 400,000

^{b/} Including extra-budgetary sources from Japanese Trust Fund = US\$ 1,183,575 and Sida Fund = US\$ 377,000

^{c/} Contribution in cash from Thailand

^{d/} No Contribution from Singapore

^{e/} Contribution in cash from Philippines

^{f/} Contribution in kind from Malaysia

^{g/} Including contributions from non-member governments, international organizations/agencies and miscellaneous receipts.

Table 2. Expected Contributions Received by SEAFDEC from Member Countries and Other Sources (in US Dollars) in Fiscal Year 2010

| Sources | Secretariat | Training Department | Marine Fisheries Research Department | Aquaculture Department | Marine Fishery Resources Development and Management Department | Total | |
|----------------------|--------------------------------|-------------------------|--------------------------------------|-------------------------|--|------------------|-------------|
| | | | | | | in US\$ | % |
| Brunei Darussalam | 7,000 | | | | | 7,000 | 0.07 |
| Cambodia | 6,000 | | | | | 6,000 | 0.06 |
| Indonesia | 26,000 | | | | | 26,000 | 0.27 |
| Japan | 280,000 | | | | | 280,000 | 2.87 |
| Lao PDR | 4,000 | | | | | 4,000 | 0.04 |
| Malaysia | 10,000 | | | | 1,423,033 ^{f/} | 1,433,033 | 14.66 |
| Myanmar | 10,000 | | | | | 10,000 | 0.10 |
| Philippines | 15,000 | | | 3,373,819 ^{e/} | | 3,388,819 | 34.68 |
| Singapore | 8,000 | | 0 ^{d/} | | | 8,000 | 0.08 |
| Thailand | 20,000 | | | | | 2,253,500 | 23.06 |
| Vietnam | 14,000 | | | | | 14,000 | 0.14 |
| Sub-total | 400,000 | 2,233,500 ^{e/} | - | 3,373,819 | 1,423,033 | 7,430,352 | 76.03 |
| Others ^{e/} | 1,666,203 ^{b/} | | | 676,311 | | 2,342,514 | 23.97 |
| Total | 2,066,203 ^{a/} | 2,233,500 | 0 | 4,050,130 | 1,423,033 | 9,772,866 | 100% |

^{a/} Including Minimum Regular Contribution (MRC) from all SEAFDEC Member countries = US\$ 400,000

^{b/} Including extra-budgetary sources from Japanese Trust Fund = US\$ 1,289,203 and Sida Fund = US\$ 377,000

^{c/} Contribution in cash from Thailand

^{d/} No Contribution from Singapore

^{e/} Contribution in cash from Philippines

^{f/} Contribution in kind from Malaysia

^{g/} Including contributions from non-member governments, international organizations/agencies and miscellaneous receipts.

Table 3. Estimated Expenditure of the Center for 2009 (in US\$)

| Category | SEC ^{1/} | TD ^{2/} | MFRD ^{3/} | AQD ^{4/} | MFRDMD ^{5/} | Total | % |
|--|-------------------------|-------------------------|--------------------|-------------------|----------------------|------------------|-------------|
| I Program of Activities | | | | | | | |
| 1.1 Research Programs | | | | 607,564 | | 607,564 | 6.3 |
| 1.2 Training Programs | | 10,000 | | 552,508 | | 562,508 | 5.8 |
| 1.3 Information Programs | 52,000 | 45,000 | | 25,355 | | 122,355 | 1.3 |
| 1.4 Collaborative Programs | 150,000 ^{6/} | | | | | 150,000 | 1.6 |
| 1.5 Other Programs | 1,560,575 ^{7/} | | | 290,488 | | 1,851,063 | 19.1 |
| Sub-total | 1,762,575 | 55,000 | 0 | 1,475,915 | 0 | 3,293,490 | 34.1 |
| II Administrative and Non-Program Expenditure | | | | | | | |
| 2.1 Operating Expenditure | 190,500 | 2,026,200 ^{8/} | | 2,435,591 | | 4,652,291 | 48.1 |
| 2.2 Capital Expenditure | 7,500 | | | 362,223 | | 369,723 | 3.8 |
| 2.3 In-kind Expenditure | 198,000 | 2,026,200 | - | 2,797,814 | | 5,022,014 | 51.9 |
| Sub-total | 198,000 | 2,026,200 | 0 | 2,797,814 | 1,355,270 | 1,355,270 | 14.0 |
| TOTAL | 1,960,575 | 2,081,200 | 0 | 4,273,729 | 1,355,270 | 9,670,774 | 100% |

Remarks : ^{1/} Secretariat

^{2/} Training Department

^{3/} Marine Fisheries Research Department

^{4/} Aquaculture Department

^{5/} Marine Fishery Resources Development and Management Department

^{6/} Included operation cost , maintenance and insurance for M.V. SEAFDEC 2

^{7/} Included program expenses from Japanese Trust Fund = US\$ 1,183,575

^{8/} Included cost of maintenance and insurance for Office building, Dormitory, Office cars, Equipment and the vessels : M.V. SEAFDEC , M.V. PLALUNG-1 and M.V. PAYOON = US\$294,000

Table 4. Estimated Expenditure of the Center for 2010 (in US\$)

| Category | SEC ^{1/} | TD ^{2/} | MFRD ^{3/} | AQD ^{4/} | MFRDMD ^{5/} | Total | % |
|--|-------------------------|-------------------------|--------------------|-------------------|----------------------|------------------|-------------|
| I Program of Activities | | | | | | | |
| 1.1 Research Programs | | | | 563,424 | | 563,424 | 5.8 |
| 1.2 Training Programs | | 10,000 | | 546,668 | | 556,668 | 5.7 |
| 1.3 Information Programs | 54,000 | 45,000 | | 27,109 | | 126,109 | 1.3 |
| 1.4 Collaborative Programs | 150,000 ^{6/} | | | | | 150,000 | 1.5 |
| 1.5 Other Programs | 1,666,203 ^{7/} | | | 237,940 | | 1,904,143 | 19.5 |
| Sub-total | 1,870,203 | 55,000 | 0 | 1,375,141 | 0 | 3,300,344 | 33.8 |
| II Administrative and Non-Program Expenditure | | | | | | | |
| 2.1 Operating Expenditure | 188,500 | 2,178,500 ^{8/} | | 2,300,072 | | 4,667,072 | 47.7 |
| 2.2 Capital Expenditure | 7,500 | | | 374,917 | | 382,417 | 3.9 |
| 2.3 In-kind Expenditure | 196,000 | 2,178,500 | - | 2,674,989 | - | 5,049,489 | 51.6 |
| Sub-total | 196,000 | 2,178,500 | 0 | 2,674,989 | 1,423,033 | 6,472,522 | 66.2 |
| TOTAL | 2,066,203 | 2,233,500 | 0 | 4,050,130 | 1,423,033 | 9,772,866 | 100% |

 Remarks : ^{1/} Secretariat

^{2/} Training Department

^{3/} Marine Fisheries Research Department

^{4/} Aquaculture Department

^{5/} Marine Fishery Resources Development and Management Department

^{6/} Included operation cost, maintenance and insurance for M.V. SEAFDEC 2

^{7/} Included program expenses from Japanese Trust Fund = US\$1,289,203

^{8/} Included cost of maintenance and insurance for Office building, Dormitory, Office cars, Equipment and the vessels : M.V.SEAFDEC , M.V.PLALUNG-1 and M.V.PAYOON = US\$314,000

PROPOSED CHANGING OF FINANCIAL FORMAT OF THE SECRETARIAT

The proposed change of the financial format is aimed at providing the Council with much clearer perspective on the details of the administrative and non-program expenditures especially as regards travels and related expenses. The expected expenditures under this category are mainly related to the activities on coordination and consultation with the Member Countries, other SEAFDEC Departments, collaborators and partners as well as donor agencies including the attendance of SEAFDEC Senior Officers in the ASEAN Policy Related Meetings, the Regional and International Technical Meetings. The Secretariat therefore proposed to divide this category in to sub-items.

Another item included in this part is the Regular SEAFDEC Meetings which are now placed separately under independent items. We propose to place these items under the new the sub-category SEAFDEC Regular Annual Meetings and further, to be under the category Travels, Meetings and related expenses as shown below:

Administrative and non-program expenditures

| Old Format | US\$ (in 2010) | New Format | US\$ (in 2010) |
|-------------------------------------|---------------------------|---|---------------------------|
| Travels and related expenses | = 72,000 | Travels, Meetings and related expenses | |
| Annual Council Meeting | = 23,500 | (a) Consultation and Coordination | = 24,250 |
| Program Committee Meeting | = 27,500 | - Member Countries | |
| Department Chiefs Meeting | = 10,500 | - SEAFDEC Departments | |
| Regional Advisory Committee Meeting | = 12,000 | - SEAFDEC Collaborators | |
| | <u>= 145,500</u> | (b) International & Regional Meetings | = 47,750 |
| | | - Policy Meetings under ASEAN | |
| | | - Technical Meetings at International Level | |
| | | - Technical Meetings at Regional Level | |
| | | | <u>= 72,000</u> |
| | | (c) Internal Regular Meetings | = 73,500 |
| | | - Annual Council Meeting | |
| | | - Program Committee Meeting | |
| | | - Department Chiefs Meeting | |
| | | - Regional Advisory Committee Meeting | |
| | | - | <u>= 145,500</u> |

The amount of the total proposed budget under the old and new formats are the same as the proposed change is only meant to show more details and explanation on what and how the proposed amount is spent in the most beneficial manner as instructed by the Council.

PRESS STATEMENT

1. At the kind invitation of the government and people of Japan, the 41st Meeting of SEAFDEC Council was held in the beautiful City of Fukuoka, Japan from 7 to 10 April 2009, after its last hosting of the 31st Council Meeting in 1999. In attendance were the Council Directors and their delegations from the 11 Member Countries, namely Brunei Darussalam, Cambodia, Indonesia, Japan, Lao PDR, Malaysia, Myanmar, Philippines, Singapore, Thailand, and Vietnam.

2. With the mandate to promote sustainable development of fisheries in Southeast Asia, the Meeting reviewed the progress and achievement as well as the proposed program of activities of SEAFDEC to ensure that these are responding to the current fisheries situation and emerging challenges. These concerns include the impact of climate change, more stringent market and trade measures, high cost of fisheries and aquaculture inputs, and environmental concern movement.

3. The Council discussed the various issues that are important to the development of sustainable fisheries in Southeast Asian region and called for greater attention and cooperation. The key SEAFDEC initiatives deliberated on include efforts and achievements of SEAFDEC in the implementation of responsible fisheries, particularly in promoting the implementation of the Code of Conduct for Responsible Fisheries (CCRF) in the region, common positions on emerging international fisheries related issues, such as Illegal, Unreported and Unregulated (IUU) fishing (EC Catch Certificate, and Port State Measures), aquaculture certification and small-scale fisheries, to safeguard the region's fisheries interests.

4. Other issues discussed included fisheries management in the region, particularly on the promotion of innovative fisheries management, exploration and sustainable utilization of potential fishery resources, promotion of aquaculture and feed management, sharing and exchange of data and information.

5. The Council commended the progress made by SEAFDEC and the Member Countries in the implementation of CCRF in the region, particularly on the establishment of a regional fisheries management body/mechanism in Southeast Asia; improve capacity for the management of fisheries and important fish habitat (refugia), and the protection against natural hazards built up and improved in and around the Gulf of Thailand (Cambodia, Vietnam and Thailand); and understand the size and structure of large-scale (or industrial) fisheries, and strengthen capacity to monitor and record active fishing efforts in coastal fisheries as basis for the development and implementation of coordinated plans for management action on fishing capacity among the ASEAN-SEAFDEC Member Countries (both large and small scale fisheries).

6. The Council requested SEAFDEC Secretariat and Departments to provide support to the Member Countries in addressing the international fisheries related issues including EC Regulation Establishing the Community System to Prevent, Deter, and Eliminate Illegal, Unreported and Unregulated Fishing (IUU Fishing): Catch Certification Scheme; FAO Legally-binding Instruments on Port State Measures for

Combating Illegal, Unreported and Unregulated (IUU) Fishing; Aquaculture Certification; Small-scale Fisheries; Adaptive Measures to Mitigate the Impacts of Climate Change to Fisheries and Aquaculture; and Fisheries Subsidies.

7. The Council welcomed the cooperation and partnership initiated by SEAFDEC with regional and international organizations. Among others, the Council urged SEAFDEC to enhance closer cooperation with the Association of Southeast Asian Nations (ASEAN) through implementation of ASEAN-SEAFDEC Strategic Partnership (ASSP), the Food and Agriculture Organization of the United Nations (FAO), the Swedish International Development Cooperation Agency (Sida), and UNEP/GEF South China Sea Program.

8. The Council expressed its commitment for the continued strengthening of SEAFDEC in order to be able to continue its role in promoting sustainable fisheries development in the region. The Council Directors and delegations of the Meeting expressed their appreciation to the Government and the people of Japan for the kind hosting of the Meeting and hospitality accorded to them throughout the event.

9. The Council announced that its 42nd Meeting in 2010 will be hosted by Lao PDR.

For further information, please contact:

Mr. Jiro Hyugagi, SEAFDEC National Coordinator for Japan:

jiro_hyugaji@nm.maff.go.jp

Ms. Pouchamarn Wongsanga, Information Program Coordinator, SEAFDEC Secretariat, Thailand: pouch@seafdec.org

VOTE OF THANKS TO THE HOST COUNTRY

Mr. Gil A. Adora

SEAFDEC Alternate Council Director for the Philippines

Honorable SEAFDEC Council Directors,
Honorable SEAFDEC Secretary-General and Deputy Secretary-General,
Honorable Chiefs of the SEAFDEC Departments,
Distinguished Delegates,
Ladies and Gentlemen,
Good afternoon.

On behalf of the SEAFDEC Council of Directors and participants in the 41st Meeting of the SEAFDEC Council, I would like to extend our gratitude and appreciation to the Government of Japan and the Fisheries Agency of the Ministry of Agriculture, Forestry and Fisheries for successfully hosting the Meeting. Since the establishment of SEAFDEC in 1967 with the mandate to develop fishery potentials in the region through training, research and information services and improve food supply for food security in the region, the Government of Japan has always been a great provider and supporter of SEAFDEC's efforts. As an active member of SEAFDEC, Japan continued to provide advice in the formulation and implementation of various programs and projects for the benefit of the fisheries communities in the Southeast Asian region.

Starting in 1998, SEAFDEC has been implementing several regional activities with support from the Japanese Trust Fund Program or JTF of which accomplishments have been summarized and published through the Booklet on JTF Achievements in SEAFDEC in 1998-2007. The JTF's support has boosted significantly the sustainable development of fisheries in the Southeast Asian region. As we are all aware of, after the ASEAN-SEAFDEC Millennium Conference in 2001, the Government of Japan funded projects and activities conducted by the SEAFDEC Departments in the ASEAN region under the Special Five-Year Program on Sustainable Fisheries for Food Security in the ASEAN Region. Equally important and significant achievements had been attained by such Program which ran until 2006.

Up to the present, the JTF has continued to provide support to SEAFDEC for the implementation of projects under four major areas, namely: JTF 1 – Establishment of Regional Fisheries Policy in Southeast Asia (1998-2003); JTF 2 – Promotion of Sustainable Fisheries of Migratory Fish Stocks in Southeast Asia (2002-2007); JTF 3 – Establishment of Sustainable Regional Fisheries System in Southeast Asia (2003-2006); JTF 4 – Promotion of environment-friendly Regional Developments in Southeast Asia (2004-2009); and JTF 5 – Promotion of Sustainable Aquaculture and Resource Enhancement in the Southeast Asian Region (2009-2014).

Likewise, in commemoration of the ASEAN-Japan Exchange Year 2003, SEAFDEC and the ASEAN organized the Seminar on ASEAN-Japan Cooperation for Sustainable Fisheries through SEAFDEC in December 2003 in Tokyo, Japan. This year, the Government of Japan again hosted this 41st SEAFDEC Council Meeting after ten years

when it hosted the 31st Meeting of the SEAFDEC Council in Funabashi City, Chiba Prefecture in 1999.

During this Council Meeting, we discussed important policy issues that could affect the sustainable development of fisheries in the Southeast Asian region. Such issues focused on the EU Regulation on Catch Certification Scheme, FAO Legally Binding Instruments on Port State Measures for Combating IUU Fishing, Aquaculture Certification, Small-scale Fisheries, Adaptive Measures to Mitigate the Impact of Climate Change and Fisheries Subsidies. We also reviewed and approved the programs of the SEAFDEC Departments as well as those under the ASEAN-SEAFDEC Strategic Partnership for implementation in 2009. The issues and initiatives on fisheries management through the Regional Advisory Committee were also considered at this Council Meeting. It is envisaged that the policy recommendation will be put into action by SEAFDEC to ensure sustainable fisheries management and food security in the region.

I noted that through the discussions, the Member Countries were determined in supporting and strengthening SEAFDEC to enable it to continue performing its role in the region from the point of view of sustainable fisheries development. With the active participation and cooperation of the Council Directors and other personalities from the Member Countries, I believe that we were able to achieve our objectives in this Meeting. I hope that the contribution of SEAFDEC in the region will be further enhanced with more successful achievements in the years to come.

Finally, once again we would like to thank the Government of Japan for hosting this Meeting. We also appreciated very much the kind hospitality accorded to all participants during our stay here in Fukuoka City. Thank you.