



SEAFDEC NEWSLETTER

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SEAFDEC announces the Conference “Fish for the People 2020” to be held in 2011

On 21 January 2010 in Bangkok, Thailand, SEAFDEC organized a Press Conference to announce the “ASEAN-SEAFDEC Conference on Sustainable Fisheries for Food Security Towards 2020” or the so-called “Fish for the People 2020”, which would be jointly organized by the ASEAN and SEAFDEC, and hosted by the Department of Fisheries Thailand, tentatively from 13 to 17 June 2011 in Bangkok, Thailand.

In 2001, ASEAN and SEAFDEC jointly organized the “ASEAN-SEAFDEC Conference on Sustainable Fisheries for Food Security in the New Millennium: “Fish for the People”.



From left to right: Mr.Suriyan Vichitlekarn, Dr.Somying Piumsombun and Dr.Chumnarn Pongsri, from ASEAN Secretariat, DOF Thailand and SEAFDEC respectively, announcing the Conference: Fish for the People 2020”

Based on the “Resolution and Plan of Action on Sustainable Fisheries for Food Security for the ASEAN Region”

adopted by the ASEAN-SEAFDEC ministers during that time, ASEAN and SEAFDEC have made significant progress in the implementation of priority actions to support sustainable fisheries development and food security of the region. However, with further deterioration of the fishery resources and the emerging fisheries-related issues and initiatives during the past decade, ASEAN and SEAFDEC are now planning to organize the Conference targeting to address the emerging situation and priority issues that could impede the sustainable contribution of fisheries to food security of the region.

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SEAFDEC convenes meeting to discuss international fisheries related issues

SEAFDEC Secretariat in collaboration with ASEAN organized the ASEAN-SEAFDEC Regional Technical Consultation on International Fisheries Related Issues (2010) from 2 to 4 February 2010 in Bangkok, Thailand to provide platforms for regional discussion on the issues that may have implications to fisheries development of the region, and develop regional coordinated positions among the ASEAN-SEAFDEC countries on the respective issues to be reflected at the relevant regional/international fora.

For 2010, the important issues discussed at the Consultation include: the proposed listing of commercially exploited aquatic species at the 15th Meeting of the Conference of Parties for the Convention on International Trade in Endangered Species of Wild Flora and Fauna (COP15-

CITES); the development of the FAO Legally-binding Instrument on Port State Measures; the implementation of the EC Regulations on Catch Certification; the progress of WTO discussion on Fisheries Subsidies; the progress in the development of the FAO Technical Guidelines on Aquaculture Certification.

One of the significant outcomes from the Consultation is the coordinated



Representatives from the ASEAN-SEAFDEC Member Countries attending the RTC

position on the proposals for the listing of several commercially exploited aquatic species in CITES appendices, e.g. the Atlantic bluefin tuna, several sharks species, and all species under the family Coralliidae, making use of the scientific information gathered from the Member Countries as well as relevant SEAFDEC research program. For the other issues e.g. the Agreement on Port State Measures, Fisheries Subsidies, and the FAO Technical Guidelines on Aquaculture Certification, the individual countries are being requested to provide their respective responses and inputs to facilitate the finalization and adoption of such initiatives, while SEAFDEC was also urged to take leading role in facilitating the information and experiences sharing among the Member Countries on their respective views and position, as well as the approaches and directions in response to the issues. ☒

EDITORIAL

During the first quarter of 2010, SEAFDEC provided regional fora for Member countries to discuss important fisheries-related issues. The first one was the RTC on International Fisheries Related Issues 2010 where discussions were particularly on the listing of commercially-exploited aquatic species to CITES appendices (the COP15-CITES), the development of the FAO Legally Binding Port State Measures, and the EC Regulation on Catch Certification, *etc.*, as well as on the common/coordinated positions for submission and consideration by the SEAFDEC Council and the ASEAN Sectoral Working Group in Fisheries. In addition, SEAFDEC also convened several consultations to discuss the fisheries-related themes, the outcomes of which would form basis for the ASEAN-SEAFDEC Conference "Fish for the People 2020" planned to be held in June 2011.

The period also marked the completion of the SEAFDEC project supported by the ASEAN Foundation on the Promotion of One Village, One Fisheries Product (FOVOP) in the region implemented since November 2007 with the organization of the second RTC to assess the outcomes/achievements and come up with regional guidelines for the promotion of FOVOP in the region. Another project supported by the ASEAN Foundation, on HRD for Poverty Alleviation and Food Security by Fisheries Intervention, is also reaching its final stage with the organization of several national HRD activities, and the final consultation being planned in August 2010. Supported by the ASEAN Foundation, these two projects are envisaged to contribute to enhancing the contribution from fisheries to food security and alleviation of poverty for the region in the years to come. ☒

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SEAFDEC announces the Conference “Fish for the People 2020” to be held in 2011

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The priority fisheries issues to be discussed at the “Fish for the People 2020” include: Enhancing Governance in Fisheries Management; Sustainable Aquaculture Development; Ecosystem-based Fisheries Management; Post-harvest and Safety of Fish and Fisheries Products; Sustainable Fish Trade/Certificate; Climate Change: Adaptation and Mitigation towards Food Security; Enhance Monitoring System on Social Aspects, Economy and Labour Mobility; and Integrated Inland Fisheries. The Conference, placing particular emphasis on “adaptation to the changing environment”, would also come up with the policy framework and guiding principle in achieving sustainable

fisheries for food security towards 2020. In addition, it is also expected that the participants would gain awareness on the importance of sustainable fisheries and food security, and enhance the closer cooperation among ASEAN, SEAFDEC Member Countries, as well as other regional/international organizations for enhancing the contribution of fisheries to food security in the years to come.

To run parallel with the Conference are side events, *e.g.* trade fair/exhibitions, display of the best drawings from a series of contests organized by individual ASEAN-SEAFDEC countries, and post-Conference study tour (optional). ☒

SEAFDEC participation in the CWP-23 and FIRMS FSC6

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core member of the Ad-Hoc Group for developing the draft revision of CWP Standard Gear Classifications (ISSCFG); ii) SEAFDEC to formally communicate with IOTC and WCPFC and relevant countries in implementing the proposed change of the northern boundary between fishing area 57 and 71 in the Malacca Strait to be consistent with sub-national boundaries (under the new Framework of fishery statistics in SEA); and iii) SEAFDEC potential collaboration with WCPFC on Tuna catch data collection in the area with no responsible RFBs for a 3-year project in Indonesia, Philippines and Vietnam to improve tuna catch statistics and tuna fisheries monitoring in east Asia and the west Pacific – including in the South China Sea under the WCPFC co-funding support from the Global Environment Facility (GEF).

Regarding the FIRMS-FS6, SEAFDEC presented the regions concerns on the issues discussed namely: i) Review of FIRMS activities during the intersession period, including activities

by partner organizations and key topics on status of the FIRMS website, in which SEAFDEC has already completed the development on shark inventories of the region and supported the Member Countries in development of the Resources and Fisheries Inventories for development planning and management of fisheries in the region under FIRMS and produces information in the form of Fact Sheets that are accessible through the FAO Fisheries Global Information System (FIGIS) website; ii) Report of virtual technical working group in which SEAFDEC led the review of Marine resources bio-eco controlled terms; iii) NatFIRMS (national level participation) and identification of potential FIRMS users; iv) Other technical topics including enhancing communication through a FIRMS Collaborative Wiki tool, and Ecosystem Approach to Fisheries in FIRMS; v) FIRMS Information Management Policy (IMP) – FSC5 version; vi) Intersessional work plan; and vii) Planning for the seventh session of FSC (FSC7). ☒

Six trainees complete pond/cage culture course at AQD

"I am really happy," says Mr. Pelson Moses of the Federated States of Micronesia upon completing the training course on Cage/pond culture of selected aquaculture species at AQD from 8 to 25 March 2010. He was happy because of the knowledge imparted by the AQD mentors and the skills gained by him and his five co-trainees from China, Kingdom of Saudi Arabia and the Philippines.

The course included extensive lectures and practical sessions on biology and ecology of marine fish and crustaceans, feed processing, health management, value-addition, business planning, pond preparation, cage design and construction.



On the other hand, Mr. Nasruddin Ali Alameen, the trainee from Saudi Arabia, noted that in his company, 75% of the hundreds of employees are Filipinos, of which 90% passed through or were trained by AQD. He said he intends to send more people from his company to be trained by AQD. ✖

On-site training courses on deep sea fisheries held in Brunei Darussalam

TD organized two on-site training courses on deep sea fisheries (Training Course on Deep Sea Fish Book Preparation and Training Course on Fisheries Data Management System) for staff of the Department of Fisheries of Brunei Darussalam from 2 to 4 February 2010.

In 2009, the Department of Fisheries, Brunei Darussalam aimed to assess deep sea fish stock in their waters. One of the envisaged outcomes of their deep sea study is "Brunei deep sea fish book". SEAFDEC using the MV.SEAFFDEC 2 in cooperation with Brunei researchers conducted the deep sea resource survey in Brunei Darussalam waters from

7 March to 11 April 2009. Deep sea fishes were collected using deep sea beam trawl. During the survey period, SEAFDEC researchers also conducted on the job training on the collection and preservation of deep sea specimens including digital imaging that support the preparation of the publication. In order to follow up the deep sea survey activity, the training course on Deep Sea Fish Book Preparation was arranged for Brunei researchers on the necessary software for preparing the book. In addition, the other Member Countries were also encouraged to conduct deep sea fisheries resources exploration.

During the same period, the Training Course on Fisheries Data Management System was also arranged for marine biologists of Brunei Darussalam engaged in fish landing data collection and/or analysis. This training discussed on the Fisheries Data Management System (FishBio) which was developed as stand-alone version for analyzing the data acquired by the national project. ✖



On-site Training Course on Fisheries Data Management System in Brunei

AQD convenes RTC on Aquaculture

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For thematic area 2 (on better seeds for sustainable aquatic food production), RTC-A noted that seedstock availability is still a problem and that there are now socioeconomic and legal issues associated with genetic improvement. In general, the recommendation was better public/private sector partnerships so that small-scale farmers can seek assistance for capacity building in broodstock and hatchery management.

For thematic area 3 (wholesome and healthy aquaculture), RTC-A was concerned about the emergence of zoonotic diseases, lack of fish health professionals, current disease diagnostic procedures favoring the intensive and large-scale operators, non-production of fish meal substitutes in commercial scale despite experimental successes, and over development of aquaculture areas that has led to fish kills. The recommendations included promotion of organic farming, certification and quarantine, cost-effective training, government investment in domestication to produce SPF stock, better enforcement of zoning policies, and promoting on-farm feed production.

For thematic area 4 (on protecting the environment and climate change), RTC-A took note that, there is still excessive use of antibiotics, chemicals, feeds and fertilizers which has led to eutrophication. The recommendation was basically good management practices, and new research on integrated and multi-trophic aquaculture. For climate change, the meeting discussed some impacts to aquaculture like temperature, acidification, flooding (which would necessitate finding new species for culture that are adaptable to developing entirely new culture systems), sea level rise (investment in habitat protection), and greenhouse gas emission (new research on seaweed as biofuel). There was also a recommendation to draw new maps of sites that are not suitable for aquaculture. ✖

DEPARTMENTAL ACTIVITIES

SEAFDEC-Sida Convenes Annual Review Meeting.

With financial support from the Swedish International Development Agency (Sida), the SEAFDEC-Sida program on “Activities related to climate change and adaptation in Southeast Asia with special focus on the Andaman Sea, 2009-2011” is implemented by SEAFDEC. This program specifically aims to achieve the long-term sustainability of fisheries and to mitigate the impacts of climate change

on the livelihoods of the fisherfolk in the Andaman Sea area with five sub-component, namely: 1) Integration of habitat and fisheries management, 2) Monitoring, record and control of large and small-scale fishing, 3) Local knowledge, cross-cutting and safety at sea, 4) policy dialogue and regional cooperation, and 5) Project management and coordination.



The SEAFDEC-Sida Project Annual Review Meeting

On 1 February 2010, the SEAFDEC-Sida project Annual Review Meeting for 2009 was conducted at the SEAFDEC Secretariat in Bangkok, Thailand. The Meeting was attended by Ms. Gunilla Eitrem from Sida, Mr. Ola Möller from Swedish Environmental Secretariat for Asia at the Embassy of Sweden (SENSA/Sida), and Mr. Joacim Johannesson from Swedish Board of Fisheries (SBF) as well as staff of the SEAFDEC Secretariat and Training Department.

The meeting reviewed the activities and achievements of the SEAFDEC-Sida project during 2009 and introduced the plan and activities for 2010. The Meeting was also informed on the ASEAN-SEAFDEC Strategic Partnership (ASSP) and the work on fisheries management issues within the ASEAN-SEAFDEC framework including those that are supported by Sida under the ASEAN framework.

Plans include processes to come forward and develop regional and sub-regional agreements and arrangements around Southeast Asia including the Andaman sea sub-region. Important key issues related to the integration of fisheries and habitat management and the management of fishing capacity in order to build up a platform for long term management responses, would also be addressed under the SEAFDEC-Sida Project. ☒

SEAFDEC participation in the CWP-23 and FIRMS-FSC6

As member of the Coordinating Working Party on Fishery Statistics (CWP) and partnership to the Fisheries Resources Monitoring System (FIRMS), SEAFDEC was represented by Ms. Pouchamarn Wongsanga, Information Program Coordinator during the 23rd session of the Coordinating Working Party on Fishery Statistics (CWP-23) and the 6th Session of FIRMS Steering Committee (FIRMS-FSC6), hosted by CCAMLR, Hobart, Australia on 22-26 February 2010.

The CWP-23 and FIRMS FSC 6 were participated by 10 members from Regional Fisheries Management Organizations and Regional Fisheries Bodies including SEAFDEC. The CWP-23 discussed a number of important issues, *i.e.* i) Progress of activities by CWP and participating organizations during intersessional

period; ii) Establishment of Capture Group and Aquaculture Group; iii) Revision of standards, concepts, and codes particularly on Gear classifications, Diagram – definition of by catch, SDMX, Global standards on automated data transmission (*e.g.* VMS) and data types, International codes for fishing effort; iv) Modification of area boundary, and Trade certificate/ HS modification; v) Methodology and new data needs, including methodological description of national data collection system, standard methodologies to collect data on capture-based aquaculture, electronic logbook system, estimation of catch taken by IUU activities, and data requirement to monitor fisheries in the ecosystem context; vi) Revision of the CWP Handbook for Aquaculture Components, and Other component; vii) Integrating the regional databases which comprised data collection after termination of

MoU between SEAFDEC and FAO on tuna fishery statistics, efforts to remove data discrepancies, Integrated Catch Information System, toward globally consolidated vessel lists (authorized/IUU): harmonization of fields and codes, unique identifier, criteria to include in the IUU list, and progress in development of unique vessel identifier for small vessels and vessel owner. In addition, the Meeting was also presented and seeking advice on: the new version of the FishStat; Reports from relevant expert consultations and workshops; and improvement in visibility of CWP.

Among agenda mentioned above, relevant issues concluded and recommended by the CWP-23 for SEAFDEC to play key role and provide input in the follow-up activities are i) SEAFDEC participation as the

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TD joins national Children's day event

TD collaborated with the Fish Marketing Organization of Thailand and the Thai Navy Dockyard for the organization of a Children's Day event on 9 January 2010 at the Agriculture Museum, Pathumtani Province and the Pomprachunlajomklao Navy Dockyard, respectively.



The children visited TD booth and participated in activities for children

The exhibition organized by TD featured information on responsible fishing and resource conservation. The TD exhibition was visited by more than 3,500 children.

Moreover, TD also organized on the same day an exhibition at the Pomprachunlajomklao Navy Dockyard in Samut Prakan, Thailand where models of fishing gear such as long line, hook and trawl installed with JTED, were displayed. The event, which was held in collaboration with the Thai Navy Dockyard, had more than 2,500 children visitors. ❖

GOJ-TF has new set of projects for aquaculture

With 2009 being the final year for GOJ-Trust Fund IV, a new set of projects will be implemented for 2010-2014 under the ASEAN-SEAFDEC Strategic Partnership (ASSP) of the Fisheries Consultative Group (FCG) programs funded by GOJ Trust Fund.

AQD Deputy Chief and GOJ-TF Manager Dr. Teruo Azuma noted that the new projects are (i) resource enhancement of internationally threatened and overexploited species in Southeast Asia through stock release; (ii) accelerating information dissemination and capacity building in fish health management in Southeast Asia; (iii) promotion of sustainable and region-oriented aquaculture practices; and (iv) food safety of aquaculture products in Southeast Asia.

For resource enhancement, the focus would be on improving hatchery and nursery technologies for internationally threatened and overexploited species so that there will be quality seedstock to release in selected areas.

For fish health, the focus would be on rural communities or small-scale farms so that on-farm health management could be developed.

For sustainable aquaculture, studies would focus on selective breeding as this is a key factor in producing commodities with faster growth, better reproductive performance and higher disease resistance.

For food safety, AQD would work with the SEAFDEC/MFRD, to conduct studies on antibiotic and chemical residues to ensure safe aquaculture products. ❖

AQD co-sponsors Philippine shrimp congress

Addressing the issue of diseases was the main focus of the 7th Philippine Shrimp Congress held from 7 to 19 March 2010 at the Planta Hotel, Bacolod City. The congress was organized by PHILSHRIMP in cooperation with AQD, DA-BFAR and DOST.

Foreign and local experts who spoke during the congress have agreed that, to improve the quality of indigenous shrimp species, breeding programs must

be supported to come up with highly disease-resistant seedstock. Upgrading of laboratory facilities used in screening emerging viruses and microbes can also help prevent the spread of diseases because of early detection. For growers, it would help if organic farming methods are developed.

AQD Scientist Dr. Emilia Quintino presented the updates of AQD's research on crustaceans. Five more senior staff attended while other AQD staff served on the congress secretariat. AQD also put up an exhibit booth. ❖



AQD attends expert meetings in the US and Vietnam

AQD scientists participated in the World Aquaculture Conference 2010 on 1-5 March 2010 in San Diego, California, USA. The said conference was organized by a consortium headed by the World Aquaculture Society.

The papers presented include: (i) Review of shellish R&D at AQD by Dr. Joebert Toledo; (ii) Influence of net mesh size on the performance of the giant freshwater prawn *Macrobrachium rosenbergii* cultured in lake-based cages by Dr. Ma. Lourdes Aralar; (iii) Effect of different feeding management schemes on the aquaculture production of Nile tilapia *Oreochromis niloticus* in Lake Bato, Camarines Sur, Philippines also by Dr. Aralar; and (iv) Protective immunity against viral nervous necrosis in brown-marbled grouper *Epinephelus fuscoguttatus* following vaccination with an inactivated betanodavirus by Dr. Rolando Pakingking.

Also present in the conference were RD Head Dr. Evelyn Grace de Jesus-Ayson, scientist Dr. Relicardo Coloso, and BFS Head Engr. Emiliano Aralar.

Prior to attending WAS, Dr. Coloso presented a paper on "Soy diet research for milkfish" during the Global Soy in Aquaculture Planning Meeting that was organized by the U.S. Soybean Export Council and the American Soybean Association International Marketing. The meeting was held from 27 to 28 February 2010 at the same WAS venue. His trip was funded by the United Soybean Board.

Meanwhile, Dr. Mae Catacutan, AQD's Nutrition and Feed Development Section Head, attended the 9th Practical Course on aquaculture Feed Extrusion, Nutrition and Feed Formulation that was held from 25 to 26 January 2010 in Ho Chi Minh City, Vietnam. Almost 100

participants came, mostly from Thailand. They focused on feed ingredients, feed formulation, feed manufacturing technology, aquatic feed extrusion, plant design and quality assurance. She also noted that one of the speakers from Europe had cited two papers by AQD.

In addition, AQD Chief Dr. Joebert Toledo attended the Business summit of the Coral Triangle Initiative (CTI) held from 19 to 20 January 2010 in Makati City. This was organized by the World Wildlife Fund in collaboration with DA and DENR with the aim of stimulating investment by public and private partnerships and securing sustainability and profitability of key sectors dependent on healthy marine resources in the Coral Triangle. Gracing the event was Philippine President Gloria Macapagal-Arroyo. ❖

Integrated coastal resources management seminar

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authorities in July 2005. However, the actual approval of the project had dragged until November 2005 when the project was officially inaugurated at the project site.

After the start of the project in Cambodia, an additional donor, the Japanese Embassy in Phnom Penh, Cambodia participated in the project operation with a fund contribution in the form of Grass-route Level Fund which was approved in August 2006. This fund was specifically utilized for the mud crab culture activity of the project. The project has progressed towards its goals as regularly reported through the biannual project progress reports and taking the project scope into account its tenure was extended until December 2009. As planned, upon completion of the project operation, its impacts on the target communities and the project achievement in line with the original conceptual goals should be summarized and reviewed with the participation of concerned parties

including the representatives from the SEAFDEC Member Countries. This is envisaged so that the lessons and implications derived from the review would be reflected and incorporated in similar project operations not only in the country site but also in other parts of the region.

Hence, this regional seminar on project ICTM-SV was organized to report on the achievement and outcome of the project during its over 4-year implementation period. Moreover, the Seminar also reviewed the progress in line with the original project concept, verified the impacts to the beneficiaries from the project's activities in terms of quantity as well as quality in the light of both facets of community development as well as sustainable coastal fishery resources management, and discussed the project's resultant rationale and implication in the dissemination of the project concept to other SEAFDEC Member Countries. ❖

AQD welcomes interns from France and Hong Kong

Mr. Antoine Fry is French national learning about socioeconomics and the role of aquaculture in communities. He arrived on 22 February 2010 and will be at AQD until August 2010. As part of his political science thesis at the Institute of Political Science of Grenoble.

Ms. Fong Yin Shan and Mr. Pun Sin Fat attended a specialized training course on Detection of viral diseases of fish and crustaceans 22-26 February at AQD's Tigbauan Main Station in Iloilo, Philippines. Both are from Hong Kong SAR, working as fisheries technical officer and laboratory technician, respectively.

Meanwhile, twelve 6th year students from Aklan State University (Philippines) underwent a Hands-on training in fish diseases 8-19 February. The clinical internship included bacterial, viral, parasitic and fungal diseases which form part of the students' requirements to obtain the degree of Doctor of Veterinary Medicine. ❖

SEAFDEC promotes human capacity building for university students

TD organized the two-week training course for Thai university students. The University Student Training Course on Fishery Resource and Fishers Community around Estuaries was organized on 15-26 March 2010 in Samut Prakan, Thailand. Forty one students from eight universities studying fisheries attended the training course which aimed to develop skills and experience in fishery practices and methods. As part of the training course, the students joined the a study tour and observed fishery



resources around Bangpakong River and the fishers' community around TD. They also planted mangroves to alleviate global warming crisis. Moreover, practice on fishing operations such as gill net, trawl, and oceanographic survey were conducted in the estuaries in the Gulf of Thailand. TD hopes that the students can apply the new experience from the training course to their work in the future. ❖

SEAFDEC joins JSPS-NRCT international symposium

Two TD staff, Mr. Aussanee Munprasit and Dr. Worawit Wanchana and the Policy and Program Coordinator, Dr. Somboon Siriraksophon joined the JSPS-NRCT International Symposium hosted by the Tokyo University of Marine

Science and Technology (TUMSAT) in Japan from 24 February to 6 March 2010. The review and Perspective on Technologies Transfer of Japanese-type set-net in Southeast Asia was presented by Mr. Aussanee in the poster session and oral presentation. Moreover, the future collaborative program between TD and TUMSAT such as IFCOME network, impact of fishing operation on environment, safety at sea for small fishing boat and set-net technology transfer in Southeast Asia were also discussed. ❖



ASEAN Foundation supports the Program on Human Resource Development (HRD)

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fisheries communities to develop means of alleviating their poverty through the selected thematic areas. The on-site activities include lectures, practices, on-site study, fishery technical demonstrations, discussions between the fishery officers and fishermen on the current problems to find alternative ways to improve their livelihoods.

The 2nd ASEAN-SEAFDEC RTC in Fisheries HRD for Poverty Alleviation will be organized in August 2010 in Bangkok as the final activity of the project to evaluate the project activities,

identify the follow up activities to be conducted with respect to poverty alleviation by fisheries intervention. Considering the existing regional policy frameworks and priority actions in fisheries and HRD particularly the "Resolution and Plan of Action on Sustainable Fisheries for Food Security for the ASEAN Region" adopted in 2001 and the "Strategy for Human Resource Development in Fisheries in the ASEAN Region", adopted in 2004, the consultation is expected to strengthen these policy directions on fisheries for poverty alleviation where appropriate. ❖

Data collection on light fishing in Malaysia

Data Collection on Light Fishing was conducted in Malaysia under TD program on Responsible Fishing Technology and Practices from 19-22 January 2010 with support from JTF. TD staff, Mr. Bundit Chokesanguan and Mr. Suppachai Ananpongsuk together with MFRDMD staff conducted the survey through interviewing the fishing masters/skippers including fishers. Questionnaire survey was also carried out in Kuala Terengganu, Malaysia. Moreover, they visited the NATC office, Ministry of Agriculture, Putrajaya, Kuala Lumpur and discussed further collaboration in the future. ❖

Two Senior staff from SEAFDEC attended the CITES COP15 in Doha, Qatar

The Deputy Secretary-General, Mr. Hideki Tsubata and Policy and Program Coordinator, Dr. Somboon Siriraksophon attended the Fifteenth Meeting of the Conference of the Parties of Convention on International Trade in Endangered Species of Wild Fauna and Flora on 13-25 March 2010, Doha, Qatar. With the aims to keep monitoring



the emerging environment related tasks especially on the CITES issues as well as supporting the Member Countries, the coordinated position of the SEAFDEC member countries on rejecting the proposed Listing of Commercially Exploited Aquatic Species, such as Atlantic bluefin tuna, spiny dogfish, porbeagle shark, scalloped hammerhead and look-alike species, Oceanic whitetip shark and all species in the family Coralliidae into the CITES Appendices, was provided to the Meeting. ❖

Deep-Sea Fishery Resources Exploration in the Southeast Asian Waters: What are the achievements so far?

Capture Fishery Technology Division, Training Department, Samut Prakan, Thailand

The project on “Deep-Sea Fishery Resources Exploration in the Southeast Asian Region” has been implemented since 2007 with funding support from the Japanese Trust Fund. The overall objectives of the project are to collect information on deep-sea fishery resources in the Southeast Asian region through actual exploration using M.V. SEAFDEC 2 and National Research Vessels in cooperation with the SEAFDEC Member Countries; to encourage the Member Countries to initiate deep-sea resources exploration; and to support the issues related to the international concerns on ecosystem approach and avoid misunderstanding of deep-sea fishery management through human resources development.



Deep-sea exploration in Lingayen Gulf, Philippines onboard the M.V. DA-BFAR in May 2008

Supporting actual surveys

The project has been supporting investigations of deep-sea fishery resources in the Southeast Asian waters in close collaboration with the Member Countries. Since 2007, the project implemented a survey using the M.V. SEAFDEC2 for the actual fishing trial of deep-sea beam trawl and IKMT (Isac-Kid Mid-Water Trawl) in the Andaman Sea of Thailand in March 2007; deep-sea resources survey in Brunei Darussalam waters in June 2008 and March 2009; and in the Lingayen Gulf, Philippines on-board the M.V. DA-BFAR in May 2008. The activities in 2010 will be continued to support the survey in the EEZs of Malaysia and Brunei Darussalam waters.

Development/ improvement of the deep-sea Sampling gears and technology

The workshop on the standard operating procedure (SOP) on the methodologies for deep-sea fishery exploration and development/ improvement of appropriate sampling gears was conducted from 26 to 28 May 2009 under this program. The workshop addressed the need to formulate and develop the standard operating procedures for deep-sea fishery resources exploration in the Southeast Asian waters. Experience sharing and standardization of the specific procedures for the operation of sampling gears and data collection were achieved. Moreover, the workshop also formulated future plan of activities on deep-sea fishery resources exploration at the regional and national levels.



The workshop on the standard operating procedure (SOP) on the methodologies for deep-sea fishery exploration and development/improvement of appropriated samplings gears

Human resources development (HRD)

HRD activities were conducted to encourage the Member Countries to take initiatives in conducting deep-sea resources exploration in their EEZ waters in order to investigate the status and potentials of the deep-sea fishery resources. TD in collaboration with the Philippine Bureau of Fisheries and Aquatic Resources (BFAR) conducted shipboard training on the survey methodology using three main sample gears such as deep-sea beam trawl, bottom trawl, and deep-sea trap onboard the M.V. DA-BFAR from 11 to 25 May 2008. Also included was the capacity building on deep-sea fish identification through a training workshop from 18 to 22 January 2009 in order to enhance the participants' ability to identify fish species commonly captured at the depth between 100 m and 900 m through morphology and habitat preferences.



Training workshop on identification of deep-sea fishes

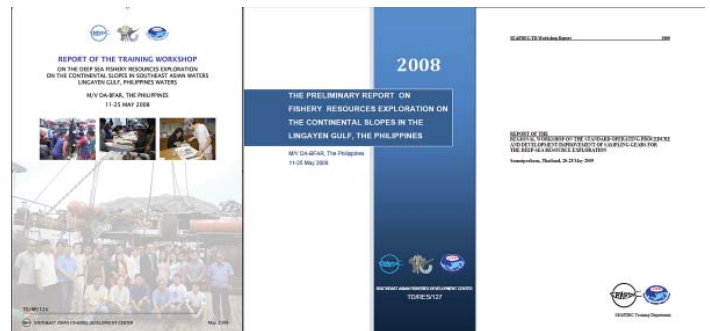


Specimens collection identification and photography

Deep-sea ecosystem and impact from fishery

From the point of view of the international concerns on ecosystem approach for the deep-sea fisheries and based on the data collected through the actual surveys since 1998, collaboration and coordination with other relevant initiatives will be enhanced. An expert meeting will be organized in August 2010 to discuss the issues related to the deep-sea

ecosystems and impacts from fishing. In addition, the results of the study under this project and other relevant initiatives on the impact from fishery will be discussed during the said expert meeting.



Set of preliminary reports on the results of the survey and training workshops

Information dissemination


The initial progress report on the project had been disseminated to the project participants and public in the form of set of preliminary reports on the results of the survey; set of guidelines and standard operating procedures in the level of scientific survey/operation; set of posters of fishes

Catalog Data

Catalog Number	SEAFDEC00010	
Species	Family	Lophioidae
	Genus	Lophiomus
	Species	setigerus
Standard Length	18.5 cm	
Locality	Brunei Waters	
Sampling date	2008-06-13	
Vessel name	M.V. SEAFDEC 2	
Cruise number	29-2/2008	
Sampling gear	BOTTOM TRAWL	
Sampling Depth (meter)	162	
Number of specimens	1	
Remark		

User: [natinee]

Fish collection database available at http://map.seafdec.org/deep_sea/search.php

More information on the project's current activities and free publications as separate downloadable reports and proceedings including catalog of fishes, are available at <http://map.seafdec.org/DeepSea/>. 

REGIONAL PROGRAMS

AQD convenes Regional Technical Consultation on Aquaculture

AQD convened the Regional Technical Consultation for Sustainable Aquaculture (RTC-A) Development of Southeast Asia towards 2020 in Bangkok, Thailand from 17 to 19 March 2010.

RTC-A formed part of a series of consultations to be organized by SEAFDEC as a center-wide activity to assess the progress of Member Countries and AQD in six thematic areas, to wit: good quality seeds, environment-friendly aquaculture, getting out of the fish meal trap, healthy and wholesome aquaculture, biotechnology and rural aquaculture. These were the thematic areas first identified nine years ago, during the 2001 ASEAN-SEAFDEC Millennium Conference.

Country presentations were made by participants from Brunei Darussalam, Cambodia, Indonesia, Lao PDR,

Myanmar, Philippines, Singapore, Thailand and Vietnam. Around 55 participants attended the RTC-A.

For thematic area 1 (on meeting social and economic challenges), the RTC-A considered the issues as very complex and unique to each country. But overall, aquaculture still plays an important part in national government plans for food security and poverty alleviation, rural development being a

strong focus of all the countries. For this area, RTC-A recommended (1) a careful assessment of the contribution and impact of aquaculture in addressing poverty, food security and livelihood; and (2) multi-agency collaboration between and among SEAFDEC and its Member Countries, and other regional organizations such as NACA, FAO-RAP, MRC, the WorldFish Centre (all sent representatives to RTC-A) and other interested stakeholders.

(To be continued on Page 3)



Participants of the RTC for Sustainable Aquaculture Development

FOVOP is concluded at the Second Regional Technical Consultation in Chiang Mai, Thailand

The Second Regional Technical Consultation (RTC) on the Promotion of “One Village, One Fisheries Product (FOVOP)” in the ASEAN Region was organized by SEAFDEC from 22 to 26 March 2010 in Chiang Mai, Thailand. This RTC was the final activity of the Project on the Promotion of “One Village, One Fisheries Product” System to Improve the Livelihood of the Fisheries Communities in the ASEAN Region implemented by SEAFDEC in collaboration with the ASEAN Member Countries, with financial support from the ASEAN Foundation through Japan-ASEAN Solidarity Fund.

The RTC discussed the experiences in the implementation of FOVOP in the ASEAN region, specifically experiences in the implementation of 6 pilot processes for the promotion of FOVOP in the participating countries (Cambodia, Indonesia, Lao PDR,

Philippines, Myanmar and Vietnam), and the experiences in the implementation of FOVOP-like initiatives in other ASEAN Countries (Brunei, Malaysia and Thailand). Awareness on the generic and cross-cutting issues to support the development and promotion of FOVOP in the ASEAN region, including the ASEAN Policy and Cooperation for the Promotion of SMEs in Agriculture; Policy and Challenges for the Development

of Agricultural and Fishery Products for Small Holdings: Experiences in Thailand; and Rural and Agricultural Credit for Small Holders and SMEs: Issues, Challenges and Future Prospect for the ASEAN Region were also provided to participants.

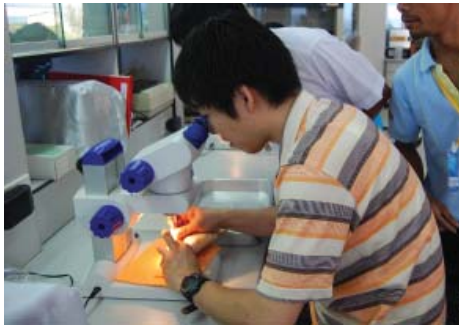
The RTC came up with major outputs of the FOVOP Project, namely the Regional Guidelines for the Promotion of FOVOP in the ASEAN Region; the Strategy for Future Promotion of FOVOP in the ASEAN Region; and the Policy Brief on the Promotion of FOVOP in the ASEAN Region. The Regional Guidelines and Policy brief will be submitted to the high authorities both in SEAFDEC and the ASEAN for policy support for future promotion and implementation of the Regional Guidelines on FOVOP in the ASEAN Region. ❏



Press Conference : with the representatives for ASEAN, SEAFDEC and the ASEAN Foundation was organized as part of RTC

TD conducts deep sea training workshop

The training workshop on Identification of Deep-Sea Fishes was organized by the SEAFDEC Training Department from 18 to 22 January 2010 at the Training Department, Samut Prakan, Thailand. The Workshop was attended by 12 researchers and specialists in the field/area of deep-sea taxonomy and fish identification from the SEAFDEC Member Countries. One expert from Fisheries Science Center of the Hokkaido University Museum, senior researcher from the Research Center for Capture Fisheries of Indonesia, and Japanese expert and former Deputy Chief of the Marine Fishery Resources Development and



The participants of deep sea workshop identifying species fish in the deep sea water

Management Department of SEAFDEC served as resource persons during the workshop. The workshop provided a comprehensive set of knowledge on the identification of deep-sea demersal

fishes with emphasis on the species found in the South China Sea. The workshop also attempted to build the capacity of the participants to identify species commonly captured at water depths between 100 and 900 meters by using morphology and habitat preferences. The envisaged outcomes of the training include: enhanced human resource capacity in deep-sea fish identification, practical works, including specimen measurement, counting; and description on morphological characteristics of the deep-sea fish collected from the actual survey. ☒

MFRDMD conducts the Regional Program Planning Workshop on “Research and Management of Sea Turtles Foraging Habitat in the Southeast Asia Waters”

The Regional Program Planning Workshop on “Research and Management of Sea Turtles Foraging Habitat in the Southeast Asia Waters” (Japanese Trust Fund V Program) was held from 10 to 12 March 2010 in Melaka, Malaysia. The workshop was attended by participants from Brunei Darussalam, Cambodia, Indonesia, Malaysia, Myanmar, Philippines, Thailand and Vietnam; and representatives from SEAFDEC Secretariat, TD and MFRDMD. Four resource persons were invited from Japan (Dr. Masaya Katoh) and from Malaysia: DOF Malaysia (Dr. Sukarno Wagiman), Department of Marine Parks Malaysia (Mr. Kamarruddin Ibrahim) and Universiti Malaysia Terengganu (Assoc. Prof. Liew Hock Chark). The workshop was also attended by observers from DOF Brunei Darussalam, WWF Malaysia, UMT and DOF State of Melaka. The workshop discussed the five year project/activities under the Japanese Trust Fund V Program (JTF V) 2010-2014 as well as and finalized the 2010 implementation plan.



One of the major outcomes from the JTF IV Program revealed several migrating corridors and possible foraging habitats of regional sea turtles from the satellite telemetry studies. Most of these foraging areas and migrating corridors are shared among the ASEAN-SEAFDEC Member Countries, sometimes located in countries separated from the original nesting countries. Furthermore, it was also revealed that most probably many sea turtle subpopulations in the region share the same foraging habitats. These results indicate that the collaborative management of sea turtle population in the ASEAN region would require even stronger regional efforts not only among neighboring countries.

Therefore, SEAFDEC/MFRDMD in collaboration with TD proposed to conduct “Research and Management on Foraging Habitat of Sea Turtles in the Southeast Asian Region” under the JTF V Program for the next five years (2010-2014). In this program, several project/activities had been proposed:

- i) Conduct/organize regional workshops/meetings;
- ii) Conduct research on sea turtle foraging populations, which include scientific survey of the foraging habitats, genetics study, tagging study, satellite telemetry study, information collection of sea turtle poaching;
- iii) Study on sea turtle interaction in marine capture fisheries, which include information gathering, fishing trials and demonstration of the modified specific fishing gears, and to promote capacity building on the responsible fishing gears and practices; and
- iv) Formulate management plans for conservation of regional sea turtles. ☒

SEAFDEC convenes consultation to discuss fishery information and statistics

SEAFDEC organized a Regional Technical Consultation on Fishery Information and Statistics in Southeast Asia from 19 to 21 January 2010 in Bangkok, Thailand to review the outcomes and achievements in the implementation of the program on “Improvement of Statistics and Information for Planning and Management of Fisheries in the ASEAN Region” implemented by SEAFDEC in collaboration with the Member Countries, exchange the experiences of the Member Countries in the development of the relevant activities, and recommend areas and strategies for future development and implementation of program as well as for further improvement of fishery statistics and information development planning and management in the ASEAN Region.

As part of the activities undertaken from 2007 to 2009 under the said program, SEAFDEC developed a new Regional Framework for Fishery Statistics of Southeast Asia which has been used as basis in harmonizing the standards, classifications and definitions of fishery statistics of the region with the internationally accepted standards. Based on the Framework, the statistics reporting system from the Member Countries to FAO and SEAFDEC was also harmonized. In addition, SEAFDEC also assisted three ASEAN

pilot countries in the development of their respective national STF/STA Reports, of which the experiences of the countries were also shared and discussed during the Consultation.

While noting the potential contribution from fishery statistics to food security and the ASEAN community building by 2015, the Consultation made a brief review of the progress and achievements of the Member Countries and SEAFDEC in the improvement of fishery statistics and information to support development planning and management of fisheries, and discussed the areas where further improvement is required. In addition, the Consultation also discussed other initiatives relevant to improving fishery information and statistics to support

policy planning and management of fisheries of the region, *i.e.* the Resources and Fisheries Inventory: case study of Malaysia; the Database on Fishery Statistics developed by SEAFDEC/TD; SEAFDEC initiative on harmonization of Fishing Vessels Record and Inventory of the region; Regional Advisory Committee on Fisheries Management (RAC); tuna information collection in Southeast Asia; the relevant activities of the Bay of Bengal Large Marine Ecosystem (BOBLME) Project; as well as other fisheries information and knowledge system and initiatives at the global levels such as FIRMS and D4Sciences.

Based on the discussion, SEAFDEC also developed the draft “Issues,

Challenges and Ways Forward for Future Cooperation on Fishery Statistics”, which would be used as basis for the preparatory works on the issues towards improvement of fishery statistics for the ASEAN-SEAFDEC Conference “Fish for the People 2020” to be held in 2011. ☒



Participants of the RTC on Fishery Information and Statistics in Southeast Asia

SEAFDEC conducts Ad-Hoc Meeting of Shark Experts in the Southeast Asian Region

Considering the proposals by various CITES parties on the listing of 8 Shark species to the CITES Appendices during the 15 Conference of CITES Parties on 13-25 March 2010 in Doha, Qatar, the 12th Meeting of the Fisheries Consultative

Group (FCG) of the ASEAN-SEAFDEC Strategic Partnership (ASSP) held on 19-20 November 2009 in Kota Kinabalu, recommended that SEAFDEC should prepare either a coordinated position or joint position to oppose the proposed CITES listing.

In following up this recommendation, the SEAFDEC Secretariat convened the Ad-Hoc Meeting of Shark Experts in the Southeast Asian region in Samut Prakan, Thailand from 28 to 29 January 2010.

The Meeting reviewed and discussed the current status of shark fisheries in

Southeast Asia and also developed the technical/scientific recommendations to support the drafting of Country Positions or Joint Positions, at the ASEAN-SEAFDEC Regional Technical Consultation (RTC) on International Fisheries Related Issues, before the CITES COP-15.

The meeting discussed and agreed on the coordinated position of the SEAFDEC Member Countries to reject all listing of commercially aquatic species to the CITES Appendices. ☒



The Ad-Hoc shark expert meeting


SEAFDEC held the 3rd Core Expert Meeting on Tagging Program for Economically Important Pelagic Species in the South China Sea and Andaman Sea

The 3rd Core Expert Meeting on Tagging Program for Economically Important Pelagic Species in the South China Sea and Andaman Sea (Japanese Trust Fund II Program) was held from 8 - 9 March 2010 in Melaka, Malaysia. The meeting was attended by participants from Brunei Darussalam, Cambodia, Indonesia, Malaysia (Peninsula, Sabah and Sarawak), Myanmar, Philippines, Thailand and Vietnam; and representatives from SEAFDEC-Secretariat, TD and MFRDMD. The meeting was also attended by observers from Japan, DOF Brunei Darussalam and DOF Malaysia.

MFRDMD and TD in collaboration with SEAFDEC Member Countries launched the five-year “Tagging Program for Economically Important Pelagic Species in the South China Sea and Andaman Sea” under the 2nd phase of the Japanese Trust Fund II Program (2007-2011). In this program, tagging experiments were conducted to ascertain



the existence of subpopulation of the small economically important pelagic fish species in the Andaman Sea and South China Sea.

The 3rd Core Expert Meeting was organized one and half years after the 2nd Core Expert Meeting held in 13-14 October 2008 in Kuala Lumpur, Malaysia. The meeting concluded the outcomes of the tagging activities conducted in each participating Member Countries until early 2010 and discussed issues that emerged during the implementation. The meeting also formulated and finalized the implementation plan of the program for 2010 and onwards. 

ASEAN Foundation supports the activities on Poverty Alleviation and Food Security by Fisheries Intervention in the ASEAN Region

In 2009, SEAFDEC organized a series of the HRD on-site activities in eight ASEAN countries (Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Philippines, Thailand and Vietnam) with funding support from the ASEAN Foundation, through the Japan-ASEAN Solidarity Fund. The project objectives are to enhance human capacity of fishers of selected rural fishery communities as well as relevant fisheries government officials and those working at the local level in support of fishery communities in order to alleviate the identified poverty status through fisheries intervention. The program covers thematic areas on

co-management, responsible fishing practices, backyard post-harvest fisheries technology, rural aquaculture, and inland fisheries development. A special focus was also given to the rural areas and fishery communities in the ASEAN region.

HRD activities in respective thematic areas were conducted in five different sites mobilizing technical experiences and facilities of SEAFDEC Departments. Participants of each activity were government officials who were introduced the knowledge and technology, which they could apply to afterwards while working with technical staff at the selected project sites. This was envisioned to narrow the gap between national policies of countries and requirements of fishery communities.

Pilot on-site HRD activities were also conducted, where the participating countries prioritized the HRD thematic issues to be implemented. At the on-site activities, participating countries mobilized the HRD materials that have



Participants of the on-site activities in Vietnam with resource persons on responsible fishing technology

been developed under the supervision of SEAFDEC Departments and translated into local languages.

More than 500 participants of the selected fisheries communities from participating countries have participated in the on-site activities. The on-site activities were conducted with the cooperation of host governments and SEAFDEC technical departments, responsible for each thematic area. The government officers, who attended the HRD activities, implemented the on-site activities by using the knowledge from previous activities to guide the

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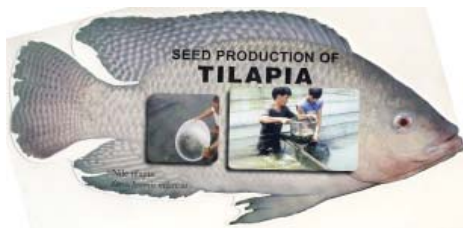


Resource person from the Department of Fisheries Myanmar lectured on Fishery Extension Methodology

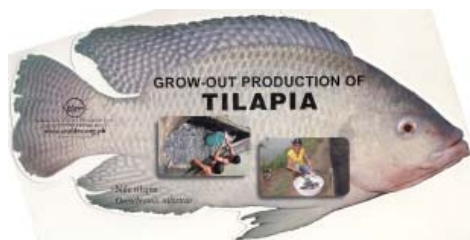
FUTURE ACTIVITIES

Date	Venue	Title	Organizer
2010			
5-9 April	Luang Prabang, Lao PDR	42 nd Meeting of the SEAFDEC Council	Secretariat
6-13 April	Tigbauan, Iloilo, Philippines	Training Course on Mangrove Ecology, Taxonomy & Community Structure	AQD
12-16 April	Binangonan, Philippines	Training Course on Catfish Hatchery and Grow-out Operations	AQD
14 April-5 May	Tigbauan, Iloilo, Philippines	Training Course on Crab Hatchery & Grow-out	AQD
20-23 April	Samut Prakan, Thailand	2 nd Regional Technical Workshop on Safety at Sea for Small Fishing Boats	TD
26-30 April	Buenos Aires, Argentina	12 th Session of the COFI Sub-Committee on Fish Trade	FAO
17 May-4 June	Binangonan, Philippines	Training Course on Freshwater Aquaculture	AQD
24-29 May	Udon Thani, Thailand	Training Program on Freshwater Fish Cage Culture for Local Fisher Folk in Nam Ngum Reservoir	TD
26 May-1 July	Tigbauan, Iloilo, Philippines	Training Course on Marine Fish Hatchery	AQD
10-11 June	Phuket, Thailand	3 rd Meeting of Working Group of Highly Migratory Species Information Collection	TD
21-22 June	Brunei Darussalam	2 nd Meeting ASEAN Fisheries Consultative Forum (AFCF)	ASEAN
23-25 June	Brunei Darussalam	18 th Meeting of the ASEAN Sectoral Working Group in Fisheries (ASWGFi)	ASEAN
28-30 June	Phuket, Thailand	Marine Science Conference 2010 "Marine Biodiversity in Thailand: Challenge and Opportunity"	TD
June-July (Tentative)	Singapore	Japanese Trust Fund II - Regional Training Course on Biotoxins Analyses	MFRD
8-28 July	Tigbauan, Iloilo, Philippines	Training Course on Abalone Hatchery and Grow-out	AQD
July (Tentative)	Samut Prakan, Thailand	Expert Meeting on Deep-sea Fishing and Its Impact to Marine Environment	TD
26 July-17 December	Online	Distance Learning Course: Principle of Health Management in Aquaculture	AQD
2-4 August	Brunei Darussalam	31 st of Special Senior Official Meeting of the ASEAN Minister on Agriculture and Forestry (SSOM-AMAF)	ASEAN
5 August	Brunei Darussalam	9 th of Special Senior Official Meeting of the ASEAN Minister on Agriculture and Forestry +3 (SSOM-AMAF+3)	ASEAN
17-19 August	Singapore	Regional Technical Consultation on Issues related to Post-harvest and Safety of Fish and Fishery Products	MFRD
10 August-3 September	Samut Prakan, Thailand	International Training on Coastal Fisheries Management and Extension Methodology	TD
16-20 August	Binangonan, Philippines	Training Course on Carp Hatchery and Grow-out Operation	AQD
17-19 August	Bangkok, Thailand	2 nd ASEAN-SEAFDEC Regional Technical Consultation on Fisheries Human Resources Development (HRD) for Poverty Alleviation	Secretariat
August (Tentative)	Thailand	3 rd Meeting of the Gulf of Thailand Sub-region	Sida
1-3 September	Korea Rep.	3 rd Session of the APFIC Regional Consultative Forum	FAO
6-8 September	Korea Rep.	31 st Session of APFIC-Asia Pacific Fishery Commission	FAO

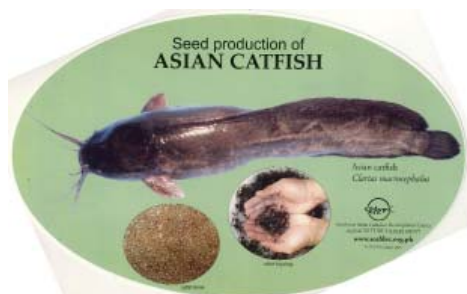
New flyers and videos



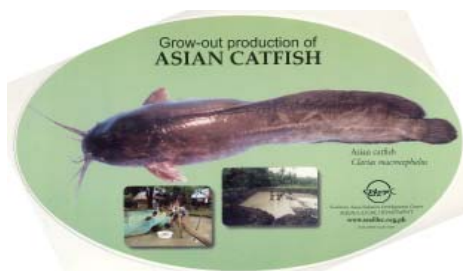
Seed production of tilapia – describes the hatchery and nursery techniques for *Oreochromis niloticus* in net cages



Grow-out production of tilapia – includes the technology profile and grow-out culture of *O. niloticus* in ponds



Seed production of the Asian catfish – contains technology profile, catfish spawning and larval rearing techniques of *Clarias macrocephalus*



Grow-out production of Asian catfish – contains technology profile, site selection and grow-out culture in ponds of *C. macrocephalus*

Igang Marine Station – shows the facilities and activities at AQD's station in Guimaras

Dumangas Brackishwater Station – shows the facilities and projects of AQD's station in Iloilo



Note for contributors

The SEAFDEC Newsletter publishes quarterly news on all aspects of fisheries in Southeast Asia. The Editors reserve the right to accept and/or abridge articles based on available space. Anyone wishing to submit an article to the SEAFDEC Newsletter is requested to send it to the Editor in Chief or Editors at the given addresses.

Information in this Newsletter may be quoted only if reference is made to SEAFDEC.

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Integrated coastal resources management seminar convened by TD

TD organized the Regional Seminar on Integrated Coastal Resources Management Approach in Southeast Asia: Review on Project ICRM-SV from 26 to 27 January 2010 at Bangkok, Thailand. The Seminar was participated in by 32 representatives from local people in project site and SEAFDEC Member Countries such as Brunei Darussalam, Indonesia, Lao PDR, Malaysia, Myanmar, Philippines, Thailand and Vietnam.



Since 2001, the collaborative project between TD and the Department of Fisheries of Thailand on Locally Based Coastal Fishery Management in Pathew District (LBCFM-PD) was implemented. The knowledge and experiences gained through the first

project site implemented in Thailand was subsequently transferred to the second project site in Langkawi, Malaysia, in collaboration with the Department of Fisheries Malaysia. The project on Locally Based Coastal Resources Management in Pulau Langkawi (LBCRM-PL) was initiated in August 2003. After the commencement of the project in Malaysia, other countries

continued to express interest in initiating a collaborative project with SEAFDEC/TD with regards to the CBRM approach. Cambodia was eventually chosen to implement the third project site for various justifiable reasons including the urgency to put in place their newly promulgated Royal Decree on the Establishment of Community Fisheries and the Sub-decree on Community

Fisheries Management which were eventually signed on 29 May 2005 and 10 June 2005, respectively. Thus, the preparatory stage commenced in January 2005 and the baseline survey was conducted in March 2005. Based on the findings and information from the survey, the project document was drafted and submitted to the Cambodian

(To be continued on Page 6)

SEAFDEC welcomes new Deputy Secretary-General and Deputy Chief of the MFRDMD



Mr. Kenji Matsumoto

Mr. Hideki Tsubata, who completed his four-year term of service as SEAFDEC Deputy Secretary-General on 31 March 2010. Mr. Matsumoto who also serves as the Deputy Chief of the SEAFDEC Training Department starting 1 April 2010, had worked at the Research and Development Extension of the Fishing Vessels Administration and Construction of Research Vessels and Patrol Vessels.

Considering the vast expertise of Mr. Matsumoto in various fields of fisheries, SEAFDEC is ensured that its capability would be enhanced to be able to continue providing support and technical assistance to the Member Countries

SEAFDEC welcomes its new Deputy Secretary-General and JTF Manager, Mr. Kenji Matsumoto succeeding

for the sustainable development of fisheries, and for SEAFDEC to achieve its revitalized mandate.

During the same quarter, MFRDMD also bid a farewell to Dr. Osamu Abe who has completed his 2.5 year term as the Deputy Chief of MFRDMD until 28 March 2010. Dr. Abe has served MFRDMD since 1 October 2007 and will move to the National Research Institute of Far Seas Fisheries, Fisheries Research Agency in Shizuoka, Japan. Dr. Abe has contributed and shared his knowledge and experiences in the various programs and activities of MFRDMD. As the Deputy Chief, he has assisted the project leaders in the successful implementation of the projects under Trust Fund II and the Trust Fund IV.

His post is now filled by another long term Japanese expert, Dr. Masaya Katoh, since 1 April 2010, whose last position was as Chief of the Planning and

Coordination Section at Seikai National Fisheries Research Institute, Fisheries Research Agency. Dr.



Dr. Masaya Katoh

Katoh is an expert on ecological genetics of aquatic organisms and has obtained his Ph.D. in Zoology in 1992 from Louisiana State University. His research interests cover physiology and ecology of commercially important shellfishes and fishes in coral reefs and mangrove swamps. Dr. Katoh has also participated in technical consultation meetings on information collection for sustainable pelagic fisheries in the South China Sea conducted by MFRDMD. Dr. Katoh was an adjunct professor at Nagasaki University of Japan from 2001 to 2009. ☒