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INSIDE THIS ISSUE

- 35th SEAFDEC Program Committee convened back-to-back with 15th FCG/ASSP Meeting 1
- RTC on International Fisheries-related Issues 1
- Special Report: Promotion of Coastal and Inland Small-scale Fisheries for Sustainable Fisheries Development in Southeast Asian Region 8
- End-of-Project Seminar on Chemical and Drug Residues in Fish and Fish Products in Southeast Asia 10
- Core Expert Meeting on Preventing the Export of IUU Fishing Products 16

EDITORIAL

During this quarter, SEAFDEC organized various events to address priority issues particularly the international fisheries-related issues focusing on those of CITES-CoP16, the outputs of which include the position of the ASEAN-SEAFDEC Member Countries on the proposed listing of commercially-exploited aquatic species into the CITES Appendices at the CoP16. The development of a regional record of fishing vessels 24 meters in length and over was also concurred with during the Meeting. The Core Expert on Preventing Export of IUU Fishing Products was able to address a great challenge for Southeast Asia, the output of which was an outline of the Regional Guidelines to prevent trading, import and export of IUU fishing products. The Expert Group Meeting on Port State Measures in Southeast Asia listed the common issues and constraints in the implementation of the PSM activities in the region and thus, needing follow-

(Continued on Page 2)

35th SEAFDEC Program Committee Meeting convened back-to-back with 15th FCG/ASSP Meeting

SEAFDEC/MFRD with the cooperation of the SEAFDEC Secretariat hosted the 35th Meeting of SEAFDEC Program Committee from 26 to 28 November 2012 in Chiang Mai, Thailand with the main objectives of reviewing the results of program implementation in 2012 and evaluating the proposed programs of activity for 2013. The SEAFDEC programs in 2012 and those proposed for 2013 have been categorized into Programs under the ASEAN-SEAFDEC Strategic Partnership and Fisheries Consultative Group (FCG/ASSP) Mechanism and classified further into groups corresponding to the Program Thrusts based on the SEAFDEC Framework adopted by the SEAFDEC Council; Departmental Programs; and Other Programs. While endorsing the programs undertaken by SEAFDEC

in 2012, the Program Committee also provided recommendations on important areas that should be improved to ensure that the program objectives are achieved. Moreover, the Program Committee also recommended that results of the projects under each program should be synthesized, packaged and disseminated to the Member Countries. Since several



Representatives from collaborating partners attending the 35th PCM

(Continued on Page 3)

RTC on International Fisheries-related Issues

The ASEAN-SEAFDEC Regional Technical Consultation (RTC) on International Fisheries-related Issues was organized in Bangkok, Thailand from 31 October to 2 November 2012 with the aim of developing the regional policy

and common/coordinated positions of the identified important international fisheries-related issues relevant to the region. This year the RTC focused on the CITES-CoP16 issues, and the

(Continued on Page 13)



Participants in the RTC on International Fisheries-related Issues

EDITORIAL

(Continued from Page 1)

up activities by the Member Countries in cooperation with FAO, RPOA-IUU and SEAFDEC. The 35th Meeting of SEAFDEC Program Committee which was convened back-to-back with the 15th FCG/ASSP Meeting held important discussions that focused on improving the SEAFDEC programming exercises to ensure that the program objectives are achieved and that the results of projects under each program should be synthesized, packaged and disseminated to the Member Countries. Moreover, activities under some projects that overlap with other projects should be merged especially those activities that deal with strengthening of data collection. In addition, the workshop on Work Planning-Year 1 of the Strategies for Trawl Fisheries Bycatch Management (REBYC-II CTI) Project was organized to harmonize and develop the detailed workplans and linkages under a common regional framework.

Based on the consultative meetings mentioned above, several HRD activities would be conducted for Member Countries (national officers and university students) e.g. training on fishing vessel operations, chemical and drug residues, freshwater aquaculture, community-based and co-management in inland fisheries, post-harvest practical fish handling techniques, and product traceability.

SEAFDEC also took part in various workshops convened by collaborative partners, e.g. FAO, BOBLME, RPOA-IUU, TBI, and CZAP, to exchange ideas and share experiences specifically on the importance of small-scale fisheries of the region and the development of sustainable fisheries in the region that would enable SEAFDEC to provide better services to the Member Countries. ❖

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secretariat@seafdec.org.

SEAFDEC pioneering pillar Dr. Shindo passed away in December



SEAFDEC deeply regrets to announce the passing of its former Deputy Secretary-General Dr. Shigeaki Shindo on 22 December 2012.

Dr. Shindo served as Deputy Secretary-General of SEAFDEC and Deputy Chief of SEAFDEC Training Department

from 1976 to 1984. He was one of the pillars who supported SEAFDEC during its formative years, and will be much remembered for his efforts in helping SEAFDEC build a strong base to support the sustainable development of fisheries in the Southeast Asian region. While expressing deep sympathy over the death of Dr. Shindo, the SEAFDEC family prays for the eternal repose of his soul. ❖

SEAFDEC co-organizes workshop for REBYC-II CTI Project

The SEAFDEC Training Department (TD), in collaboration with the Food and Agriculture Organization of the United Nations/Global Environment Facility (FAO/GEF), co-organized the FAO/GEF Regional Workshop on Work Planning-Year 1 of the Strategies for Trawl Fisheries Bycatch Management (REBYC-II CTI) Project from 6 to 9 November 2012 in Bangkok, Thailand. Representatives from executing partners

from the governments of Indonesia, Papua New Guinea, Philippines, Thailand and Vietnam as well as officials from SEAFDEC, and FAO attended the workshop that was tasked with harmonizing and developing detailed workplans and linkages under a common regional framework to implement the REBYC-II CTI Project. SEAFDEC was also tasked to serve as Regional Facilitating Unit for the Project. ❖



Participants of the planning workshop for the REBYC-II CTI project

Primary school children on study tour at TD



School children observing various fishing gears

SEAFDEC/TD extended its warm welcome to 200 primary school children from the Attamit School who

were on their extra-curricular tour to observe fishing-related activities at the Department's premises on 19 November 2012. The children were guided through the fishing workshop to see firsthand the various modern fishing gears where they also heard experts explaining the concept of sustainable fisheries, and on which modern fishing gears play a significant role. They were subsequently guided through the workshop to see for themselves the displayed fishing gears at the workshop, e.g. purse seine, trawl net, longlines. ❖

Seminar on aquaculture and stock enhancement at AQD

AQD with support from the Japanese Trust Fund conducted the “International Seminar on Environment-friendly Aquaculture and Stock Enhancement in Southeast Asia” on 3 December 2012 at AQD’s main station in Tigbauan, Iloilo.

This is one of the activities of the Asia-Africa Science Platform Program (AASPP) organized by Hokkaido University and funded by Japan Society

for Promotion of Science (JSPS). Dr. Katsutoshi Arai of Hokkaido University’s Faculty of Fisheries Sciences (HUFFS) in Japan updated the participants about the progress and future prospect of JSPS-AASP’s international exchange program. In addition, Dr. Tetsuya Takatsu, also from HUFFS, discussed the importance of otolith microstructure analysis as a useful tool for studying early life history of fishes.

The papers presented by AQD included: (1) “DNA study of seahorse and preparation of otolith for marking: implications to stock enhancement” by Ms. Shelah Mae Buen-Ursua; (2) “Chromosome and flow-cytometric studies for hybridization and polyploidization of abalones” by Mr. Ramil Piloton; (3) “Thraustochytrid strain Ley 7 as lipid source in practical diet for abalone *Haliotis asinina*” by Ms. Jilla Tornalejo; and (4) “Stock enhancement in commercial waters: An alternative to aquaculture” by Dr. Ma. Junemie Hazel Lebata-Ramos. “I hope more collaboration will be done between our two institutions”, said AQD Chief Dr. Felix Ayson. He also expressed his gratitude to the Government of Japan and Hokkaido University for the continuing support to AQD’s research programs.



Participants of the International Seminar

35th SEAFDEC Program Committee Meeting convened back-to-back with 15th FCG/ASSP Meeting

(Continued from Page 1)

projects especially under the FCG/ASSP Mechanism will be terminated by 2012, the Committee suggested that SEAFDEC should investigate whether or not the projects’ objectives have been achieved. Moreover, activities under some projects that overlap with other projects should be merged. In addition, the Committee also suggested that in the future, SEAFDEC should exert efforts to ensure that repetition of some activities is avoided, and that possible revival of already completed activities or those that have already been carried out elsewhere in the region should be refrained.

Immediately after the Program Committee Meeting, SEAFDEC also arranged at the same venue the 15th Meeting of the Fisheries Consultative Group of the ASEAN-SEAFDEC Strategic Partnership (FCG/ASSP) from 29 to 30 November 2012. The Meeting expressed the concern on the need to develop a system for monitoring and evaluating the implementation of projects in accordance with the 2011 Resolution and Plan of Action. In this connection, the ASEAN Secretariat



Participants in the 15th FCG/ASSP Meeting held in Chiang Mai, Thailand

was requested to consider exploring possible funding sources to support the countries in the implementation of such activities, and to work with SEAFDEC in the evaluation and monitoring of the activities. The Meeting also noted the progress of other relevant activities under the ASSP framework, *i.e.* ASEAN-SEAFDEC Cooperation in the Implementation of the ASEAN Integrated Food Security (AIFS) Framework, ASEAN Fisheries Consultative Forum (AFCF), and ASEAN Shrimp Alliance (ASA). On the ASEAN-SEAFDEC Common/Coordinated Position on Selected Commercially-exploited

Aquatic Species to be addressed at CITES-CoP16 in March 2013 as well as the development of regional record of fishing vessels 24 meters in length and over, the Meeting after deliberation also provided recommendations for policy consideration on the issues.

The outputs from the 35th PCM and the 15th FCG/ASSP would be submitted to the 45th Meeting of SEAFDEC Council and to the 21st Meeting of the ASEAN Sectoral Working Group on Fisheries (ASWGFi), respectively, for consideration, endorsement, as well as policy support.

DEPARTMENTAL ACTIVITIES

SEAFDEC organizes 13th Information Staff Program Meeting

On 23-24 October 2012, SEAFDEC Secretariat in collaboration with MFRD organized the Thirteenth Meeting of the SEAFDEC Information Staff Program (ISP) in Singapore. The Meeting was attended by the SEAFDEC Secretary-General Dr. Chumnarn Pongsri, the Chief of MFRD Mr. Yeap Soon Eong, and information-related officers from the SEAFDEC Secretariat and Departments. The Opening of the Meeting was officiated by the Deputy Director of Post-harvest Technology Division (PHTD) of the Agri-Food & Veterinary Authority of Singapore, Ms. Khoo Gek Hoon. This ISP Meeting aimed to review the progress in the implementation of information-related activities during the year 2012, and identify ways and means of enhancing the information-related activities and visibility of SEAFDEC in the future.



Information-related officers from SEAFDEC Secretariat and Departments participating in 13th ISP Meeting (left); and the participants visiting the Institute of Southeast Asian Studies (ISEAS) Library as part of the ISP (right)



While reviewing the information-related activities undertaken in 2012, the Meeting expressed strong necessity for SEAFDEC programs/projects to generate more materials in terms of manuals or tool kits in order that the benefits from SEAFDEC activities could be sustained and amplified. The discussion also touched upon the improvement of existing materials to

better reflect the changing situation and SEAFDEC programming exercise, as well as enhance the usefulness and attractiveness of such materials for target audience, and improve the future data and information collection from SEAFDEC programs in order to come up with useful information that could be used as basis for development of science-based policies in the future. ☒

National Coordinator for Indonesia visits SEAFDEC offices

On 21 December 2012, a mission from Indonesia led by Mr. Anang Noegroho, Director of Centre for International Marine and Fisheries Cooperation, Ministry of Marine Affairs and Fisheries, recently appointed as SEAFDEC National Coordinator for Indonesia, visited the SEAFDEC Secretariat to discuss and share views on ways and means of enhancing future collaboration with SEAFDEC. The group was welcomed by SEAFDEC Secretary-General, Dr. Chumnarn Pongsri, together with senior officials of the Secretariat. During the visit, several issues were raised and discussed, e.g. the strengthening of Member Countries' sense of ownership to SEAFDEC particularly by enhancing countries' involvement in the early program planning processes; the planned establishment of new SEAFDEC Department on inland fisheries to be hosted by Indonesia; the mechanism to follow-up the implementation of the



Mission from Indonesia together with SEAFDEC officials

Resolution and Plan of Action adopted in 2011; and the need to strengthen relationship and future cooperation between ASEAN and SEAFDEC. On the same day, SEAFDEC Secretariat and TD also welcomed the officers from the Directorate General of Capture Fisheries, Ministry of Marine Affairs and Fisheries of Indonesia and discussed the roles and functions of SEAFDEC in promoting sustainable fisheries in the Southeast Asian region, as well as observed the facilities of the organization. ☒

AQD co-organizes biotech forum and library demo

Disseminating the benefits of biotechnology and mobilizing advocates were the main focus of the "Scientific Forum on Biotechnology for Communicators" held on 15 November 2012 at Iloilo City, Philippines. Attended by 155 representatives of the academe, media, and government agencies in Western Visayas, the forum was organized by Biotechnology Coalition of the Philippines, Biotechnology for Life Media and Advocacy Resource Center (BMARC) and AQD.

AQD Research Head Dr. Relicardo Coloso and BMARC Program Director Mr. Joel Paredes both agreed that biotechnology needs a "truthful" voice to speak on its behalf. "The general public needs accurate, science-based facts from legitimate sources in order to better understand the vital role of science

(Continued on Page 6)

SEAFDEC Secretariat mission at AQD in the Philippines

On 7-14 December 2012, a mission from the SEAFDEC Secretariat led by the Secretary-General Dr. Chumnarn Pongsri, and the Deputy Secretary-General Mr. Kenji Matsumoto, as well as the Senior Advisor Dr. Magnus Torell and senior officials of the SEAFDEC Secretariat visited AQD in the Philippines.

The mission observed the activities of AQD at various stations. A general assembly was also arranged to provide opportunity for AQD staff to discuss and seek views on the overall direction of the organization as well as those for AQD to enhance benefits from its activities to the region. Important issues discussed include the need to enhance SEAFDEC visibility by transforming research results into layman's information and technology packages to facilitate understanding and usage by target audience, public, policy makers and planners. Future R&D activities should continue to consider the socio-economic aspects to ensure that technologies developed by AQD could meet the needs for livelihoods and food security, and



Secretary-General and Deputy Secretary-General observing AQD's abalone hatchery

are economically viable in the actual practice. In addition, human capacity development should also be strengthened particularly for young researchers of AQD through on-the-job training at various centers of excellence in the region.

The mission also took the opportunity to visit the General Santos Fishing Port in Southern Philippines to observe tuna landing activities. As the port has already complied with regulations and requirements of importing markets, e.g. those of EC, the possibility of SEAFDEC in acquiring experiences from the port could be further explored. ☒

Course for government extensionists

AQD coordinated the "Training on Conducting Inventory and Evaluation of Public Lands Released for Fishpond Development Purposes", funded by the Philippine Bureau of Fisheries and Aquatic Resources (BFAR) and the Zoological Society of London, from 11 to 16 November 2012. The training, attended by 31 technical officers of BFAR, included lectures and hands-on activities on basic fishpond aquaculture system, farm economics,



Trainees visit at mangrove reforestation site in Leganes, Iloilo

basic steps in conducting fishpond lease agreement inventory, mangrove biology, basic mapping orientation, and aquasilviculture focusing on best practices for mud crab nursery, grow-out & fattening. The participants also visited different reforestation sites in Leganes, Iloilo; Ivisan, Capiz; and Ibajay, Aklan.

Mr. Jackito Ballebar, of BFAR Region 5, expressed his gratitude to AQD for extending full support to the program and for being the best partner of BFAR. "I learned a lot of things and I am very proud that I am one of the beneficiaries of this course", he added. "The training and workshop are very good. I hope that the objectives and advocacy of AQD continue so that problems brought about by global warming will be resolved through adoption of the technology by the people in the community". ☒

AQD Chief visits TD



The newly appointed Chief of AQD, Dr. Felix Ayson, paid his courtesy visit to TD on 8 October 2012. Dr. Ayson was warmly welcomed by the Chief of TD, Dr. Chumnarn Pongsri and senior staff who took him on tour to observe TD facilities in the fishing and engineering workshop, fishing and engine simulator rooms, as well as on the M.V. SEAFDEC. The two Chiefs also discussed ways and means of enhancing inter-departmental cooperation in the future. ☒

Training on fishing vessel operations



TD organized the four-month training course on Fishing Vessel Operations from 3 October 2012 to 24 February 2013 for 12 students of the Tinsulanonda Fisheries College from Songkhla Province under the Memorandum of Understanding between TD and the Vocational Education Commission of Thailand. The course covered six subjects: 1) Construction and stability of fishing vessels; 2) Marine communication; 3) Laws and regulations of navigation; 4) Navigation technology practices; 5) Marine machinery technology and practices; and 6) Fishing gear technology and practices. Students also underwent practical training onboard the M.V. SEAFDEC and the M.V. Plalung, and field visits to various facilities. ☒

Indonesian officials visit TD in preparation for new department

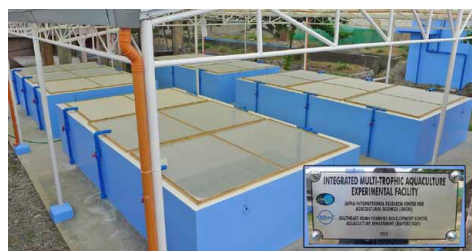
Three senior officials from the Ministry of Marine Affairs and Fisheries (MMAF) of Indonesia, led by Dr. Budi Iskandar Prisantoso, Head of Inland Waters Aquaculture Research and Development Center, Ms. Nurwanti, Head of Program Sub Division, Inland Waters Aquaculture Research and Development Center, and Ms. Tri Handanari, Head of Program Sub Division, Secretariat of the Agency of Marine Affairs and Fisheries Research and Development, paid a visit to TD on 3 December 2012 to study the operations and facilities of TD as the first technical department of SEAFDEC. Welcomed by the TD Chief, Dr. Chumnarn Pongsri, and senior staff of TD, the Indonesian officials were guided through key TD facilities in the fishing and engineering workshop, fishing and engine simulator rooms as well as on the M.V. SEAFDEC 2. The visit is



Senior officials from Indonesia observed the operations and facilities of TD part of the preparation by the Indonesian Government for the establishment of a new SEAFDEC department on inland fisheries. Currently, SEAFDEC operates four technical departments: the Training Department (TD); Marine Fisheries Research Department (MFRD); Aquaculture Department (AQD); and Marine Fishery Resource Development and Management Department (MFRDMD). ❖

AQD and JIRCAS inaugurate new experimental facility

SEAFDEC/AQD ceremonially opened the JIRCAS-donated experiment facility for Integrated Multi-trophic Aquaculture (IMTA) on 16 October 2012 at its Tigbauan Main Station in Iloilo, Philippines. The Japan International Research Center for Agricultural Sciences (JIRCAS) is funding a 5-year R&D on IMTA, which refers to the farming of different aquaculture species together in a way that allows the waste of one species to be recycled as feed for another. As AQD Chief Dr. Felix Ayson said, “IMTA is one approach that would make intensification of aquaculture sustainable by limiting aquaculture’s effects on the environment. To the staff who will be using this facility, we will await new and exciting results”.



JIRCAS-donated IMTA experimental facility at SEAFDEC/AQD has twelve units of 4-ton tanks with water filtration system.



(L-R) AQD Visiting Scientist Dr. Satoshi Watanabe, JIRCAS Fisheries Division Director Dr. Yukio Maeno, JIRCAS Program Director Dr. Masayoshi Saito, AQD Chief Dr. Felix Ayson, AQD Deputy Chief Dr. Teruo Azuma, and AQD Research Division Head Dr. Relicardo Coloso during the ceremonial ribbon-cutting to open the IMTA facility donated by JIRCAS

Dr. Ayson thanked JIRCAS for the new facility, for funding study visits of AQD staff to Japan, for donating laboratory equipment, and for the present collaboration. JIRCAS Program Director Dr. Masayoshi Saito, on the other hand, encouraged researchers to conduct more studies to provide information needed for the practical application of IMTA and to maximize aquaculture productivity and environmental mitigation. ❖

AQD co-organizes biotech forum and library demo

(Continued from Page 4)

and biotechnology in their lives”, said Mr. Paredes. He also emphasized that most consumers or the general public prefer media as their main source of information. That is the reason why it is important for the media and science communicators to work together with scientists/researchers to produce fair, accurate and reliable information. Meanwhile, Dr. Antonio Alfonso, Chief Science Research Specialist of Philrice (Philippine Rice Research Institute) and Dr. Candida Adalla, Director of DA Biotechnology Program, updated the participants about the latest development in the application of biotechnology in agriculture to improve agricultural output. AQD Scientist and Training & Information Head Dr. Evelyn Grace Ayson discussed the application of biotechnology in aquaculture for food security.



AQD staff who attended the biotechnology forum with two representatives from the University of Antique (seated, leftmost)

AQD also hosted the “Demoworkshop on the KOHA Integrated Library System” on 10-11 December 2012 in Tigbauan, Iloilo. The 34 participants were from public secondary schools and libraries in Western Visayas; and the resource persons from the National Library of the Philippines. Topics included software modules on cataloguing, readers’ services, serials management, acquisitions and library administration. The demoworkshop was funded by the National Commission for Culture & the Arts (National Committee on Libraries & Information Services) and organized by the Philippine Librarians Association Inc (Region VI Council). ❖

From Phnom Penh: Feedback on AQD training on aquafeeds

Addressed to SEAFDEC/AQD's scientist-trainers Dr. EG de Jesus-Ayson, Dr. RM Coloso and Dr. MR Catacutan on the AQD course conducted on 3-7 December 2012 was this email: "On behalf of the participants, I would like to express our thanks to all of you who helped us to have an excellent 'On-site training on farm-based feed preparation and feeding management' in Phnom Penh, Cambodia organized by SEAFDEC/AQD in collaboration with the Fisheries Administration of Cambodia. We have found the course to be a practical program. We have acquired all the knowledge with the excellent unique teaching and curriculum design. We have been impressed by the quality of teaching during the course. We will try as much as we can to deliver all knowledge we have achieved to small-scale farmers in every (community) around us to help them increase their income and reduce their poverty. One more time, we sincerely thank you for what you have done for (us). Warm regards".

This was sent by Mr. Ros Kunthy, Deputy Freshwater Aquaculture Officer, Department of Aquaculture Development Fisheries Administration, Phnom Penh, Cambodia.



AQD and Fisheries Administration of Cambodia collaborated on a training course on aquafeeds in Phnom Penh

Training course for students from Japan and Thailand

The university student training course was organized by TD from 15 to 28 October 2012. Focused on coastal fisheries and the impacts of surface runoff on the Gulf of Thailand, the training course was designed to bring together the oceanographic features in the inner Gulf of Thailand that have shaped the coastal fishing, the types of fishing gear used, and fishing methods. The students underwent shipboard training and oceanographic surveys. Visit to the fishing communities and fish farms enabled them to appreciate firsthand, the local realities and fishers' opinions about their occupations. Group dynamics with some novel training techniques was used during this training in order to take advantage of the participation of two Japanese students and other trainees from Thailand. Verbal presentation by each trainee was also used as means to evaluate the effectiveness of the training course. It is hoped that the continued information exchange of the future careers of students from the two countries would help generate greater synergy leading to sustainable coastal fisheries.



Indonesian officials conduct study tour of Thailand's fishing facilities

As part of an international study on post-harvest handling of fish and fish products, three Indonesian fisheries officials undertook a 3-day study tour in Thailand, starting from 11 December 2012, to observe the activities in a fishing village, an industrial fishing port, a government research and development center, and a government service provider in Thailand.



Indonesian officials visited the Samut Sakhon Coastal Fisheries Research and Development Center

Planned and facilitated by TD, the Indonesian officials were taken on a visit to a fishing village in Sakla in the province of Samut Prakan to observe traditional shrimp processing. They also visited the industrial fishing port in Samut Sakhon to observe fish landing procedures. While in the area, they availed of the opportunity to visit the Samut Sakhon Coastal Fisheries Research and Development Center to inquire about their past and current activities. The visit to the Fish Inspection and Quality Control Division at the Department of Fisheries (DOF) in Bangkok helped them gather the necessary information on the services offered by DOF to Thai fishing industry through the various governmental services, e.g., the Plant Inspection Service, the Laboratories Service, the Certification Service, the Physical and Chemical Laboratories, etc.



New course at AQD: Food safety of aquaculture products

"In all aspects, the course is excellent", said Dr. Mohammad Kamal, National Expert, BEST-Better Fish Quality, United Nations Industrial Development Organization (UNIDO) upon completing the first "International Training on Food Safety of Aquaculture Products" which was held on 12-16 November 2012 at AQD's main station in Iloilo. Completing the course were participants from Bangladesh, Cambodia, Thailand and the Philippines. The course, which was partly supported by the Japanese Trust Fund, covered lectures and practical activities on good post-harvest practices; fish nutrition and food safety; antibiotics, pesticides, heavy metals, and microbiological analyses; good aquaculture practices; and climate change.



SPECIAL REPORT

Promotion of Coastal and Inland Small-scale Fisheries for Sustainable Fisheries Development in the Southeast Asian Region

Kongpathai Saraphaivanich, Rattana Tiaye, and Yuttana Theparoonrat
Training Department, Southeast Asian Fisheries Development Center (SEAFDEC)

In the Southeast Asian region, coastal and inland fisheries are the main fishing sectors, socially and economically. People rely on coastal and inland water systems for their primary source of nutrition as well as livelihoods. Recently, fisheries production in the region had been declining due to various reasons that include over fishing, illegal fishing activities, use of destructive fishing methods, and lack of data and information on regulation for fisheries management and enhancement.

The ASEAN countries are aware that community-based fisheries management (CBFM) and participation of communities in coastal and inland fisheries resources management are important approaches for fisheries management. Enhancing the role of communities in fisheries management is crucial in addressing concerns on inadequate financial and human resources for effective fisheries resources management is promising.

The SEAFDEC Training Department (TD) has been conducting on-site training on practical approach to community-based fisheries and co-management in coastal or inland area; for fisheries officers, who can serve as trainers to promote this concept to fishers. Organized in 2012 and early 2013, the on-site training was a collaborative effort of some SEAFDEC Member Countries such as Vietnam, Cambodia, Lao PDR, Myanmar and Thailand with SEAFDEC. A sub-activity of the improvement of information gathering on small-scale coastal and inland fisheries towards sustainable fisheries development in the Southeast Asian Region, the training was covered by the Project on Improvement of Information Gathering System for IUU Fishing Related Countermeasures in Southeast Asia.

Community-based fisheries management

Community-based fisheries management is an approach in fisheries management where the government shares the power or responsibility of managing the fisheries resources with local governments and local fisheries institution. The fishers are formed into group as community fisheries management organization (CFMO), and together with support officers who have knowledge and experience on promoting and working with local fishery, the stakeholders are involved in the activities of CFMOs.

Although the CFMO plans and manages the group, fisheries officers need to support them especially in the promotion of techniques as well as in management of fisheries and aquaculture



or HRD for the fisheries communities. Eventually, the CFMO would be able to operate the group by themselves with less support from the government.

On-site training program

The on-site training program focused on the development of effective tool for appropriate co-management plans including prescription of management measures to reduce impacts from fishing, protect key habitats, and promote the concept of practical approach to rights-based fisheries management in coastal and inland areas. Fisheries officers who are trained on communication skills are expected to impart their knowledge to local fishers. Moreover, special relevant subjects had been added to the present curricula as requested by the participating countries.

Vietnam

On-site Training on Practical Approach to Rights-based Fisheries Management in Coastal Areas was held in Nha Trang for 18 fishery officers from 10 to 12 July 2012 in collaboration with the Fisheries Administration of Vietnam. The subject on “how to organize and facilitate community-based co-management including the gathering of fisheries information in coastal areas” was added to the present training program.

Cambodia

The On-site Training on Practical Approach to Co-management in Inland Fisheries was organized in Siem Reap for 30 Cambodian fishery officers from six provinces from 4 to 7 September 2012 in collaboration with the Fisheries Administration of Cambodia. The special subject on fisheries law in Cambodia was added to support the fisheries policy reform of the Royal Government of Cambodia and the strategic framework of Decentralization and Deconcentration (D&D).



A trainee is imparting fisheries management concepts via trial presentation for fishers (top); and Cambodian resource person presenting the special subject on fisheries law in Cambodia to the trainees (above)

Lao PDR

The On-site Training on Practical Approach for Enhancing Community-based and Co-management in Inland Fisheries was organized in Vientiane for 43 fishery officers from 11 to 14 December 2012 in collaboration with the Lao People's Democratic Republic's Department of Livestock and Fisheries. The role played by a mobile hatchery in breeding popular species, such as common carp and silver barb, was incorporated in the training.

Myanmar

The On-site Training on Practical Approach to Community-based Fisheries Management in Coastal Areas was organized in Yangon for 45 Myanmar fishery officers from 17 to 21 December 2012 in collaboration with the Department of Fisheries of Myanmar.

Thailand

The On-site Training on Practical Approach for Enhancing Community-based Fisheries Co-Management in Inland Fisheries will be held in Nakhon Ratchasima Province for 40 fishery officers from 13 to 18 January 2013 in collaboration with the Department of Fisheries of Thailand. The subjects on mobile hatchery, fish releasing



The trainees are brain storming for trial presentation (above); and training on "How to operate mobile hatchery" (right)



technique, restoration of indigenous fish, fisheries law have been added to the present training curriculum.

All presentations in local language are available for download at www.seafdec.or.th/index.php/training-courses

Imparting knowledge gained from the training program

Before the end of training, the trainees imparted and applied their knowledge and experiences from the training course via trial presentation to fishers in local fisheries communities. The main objective of the trial presentations is to educate the fishers and make them understand on the importance of sustainable fisheries resources and CBFM. Fishers were also encouraged to participate in the fisheries management activities. Socio-economic data collection and communication skills were adapted and applied in the trial presentations.

Output of the training program

The output of the training courses could be seen from the trainers who were able to strengthen their capacity and gain common understanding on the concepts of right-based and community-based fisheries co-management, protection and management of the critical fisheries habitats for that were imparted to the fishers to ensure sustainable fisheries resources in their geographical areas. Furthermore, a training tool kit will be produced to support the relevant efforts of the SEAFDEC Member Countries and other interested countries.

References

- SEAFDEC. The Regional Guidelines for Co-management Using Group User Rights for Small-scale Fisheries in Southeast Asia. 55 p.
- Deniela B. Raik. 2002. Capacity Building for Co-management of Wildlife in North America. Human Dimensions Research Unit Department of Natural Resources Cornell University, Ithaca, New York. 22 p.



REGIONAL PROGRAMS

End-of-Project Seminar on Chemical and Drug Residues in Fish and Fish Products

SEAFDEC/MFRD and the Post-Harvest Technology Division (PHTD) of Agri-Food & Veterinary Authority of Singapore (AVA) as the Collaborating Centre of SEAFDEC conducted the End-of-Project (EOP) Seminar for the project on “Chemical and Drug Residues in Fish and Fish Products in Southeast Asia – Biotoxins Monitoring in ASEAN” from 20 to 21 November 2012 in Singapore. This was the last activity of a 5-year project funded by the Japanese Trust Fund. The seminar was attended by 18 delegates from Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Philippines, Singapore, Thailand and Vietnam, and the SEAFDEC Technical Coordinator, Mr. Tadahiro Kawata.

Implemented by MFRD, the project was initiated upon the request of the SEAFDEC Member Countries to enhance their capability in monitoring and testing marine biotoxins in fish and



MFRD Meeting in progress and group discussion during the end-of-project seminar

shellfish. The earlier outputs of this project included a Regional Training Course in 2010, where 22 participants from the Member Countries attended the training on instrumental analysis of biotoxins, which was conducted by Japanese experts. Following the training course, the participating Member Countries conducted a 1-year monitoring survey on Paralytic Shellfish Poisoning (PSP) toxins in either green mussel or baby clam, majority of the samples of which were found to be relatively free from PSP toxins.

The survey methodologies and results were discussed at this EOP and finalized into a publication which is envisaged to be disseminated to the Member Countries by early 2013. Over these five years, participating Member Countries had enhanced their analytical capability in marine biotoxins. Through this project, the countries that do not previously have biotoxin monitoring systems in place were able to tap on this platform to establish their own monitoring programs. ☒

AQD conducts training on sandfish, bighead carp, native catfish, and community aquaculture

SEAFDEC/AQD recently completed training courses on the following:

(1) “Sandfish Seed Production, Nursery and Management” which was conducted from 15 to 29 October 2012 at AQD’s Tigbauan Main Station and Igang Marine Station. The five participants who finished the course were from USA, Italy, Switzerland, and the Philippines. The course included lectures on topics regarding sea cucumbers, in particular the sandfish *Holothuria scabra*. The trainees also did practicals on sandfish production including larval rearing, stock management and spawning, and grow-out techniques. Trainee Mr. John McCurry of Innovare Development and Consulting had a very positive impression. “This was a very helpful trip. At first, when I look at the itinerary of the course I say it was very good but in the end it exceeded my expectations.



Preparation of settlement plates (left); and checking the sandfish juveniles in sea pens (right)

The course is fantastic and you all had been so approachable when we have questions. I am very impressed with the work SEAFDEC is doing and excited to be a part of this”, he said.

(2) Two more courses on freshwater commodities such as “Induced Spawning of Bighead Carp” and “Hatchery and Grow-out Culture of Native Catfish” were held at AQD’s Binangonan Freshwater Station on 17-21 September and on 8-12 October 2012, respectively.

Three participants from the private sector attended the carp training. The course included lectures on broodstock management and practical sessions with emphasis on broodstock selection, hormone preparation, egg stripping and incubation, monitoring of embryonic, and larval development. The participants showed keen interest on the course that two of them even brought 750,000 pieces of one-day old carp fry for nursery culture in several hectares of company-owned

(Continued on Page 13)

Experts Group Meeting on Port State Measures

SEAFDEC/TD organized an Experts Group Meeting on Port State Measures (PSM) in Southeast Asia from 12 to 14 November 2012 in Bangkok, Thailand. This event was participated by experts directly involved in PSM activities from selected SEAFDEC Member Countries. Supported by the Japanese Trust Fund, this Meeting is an activity under the project on Promotion of Fishing

License, Boats Registration and Port State Measures to Combat IUU Fishing in the Region. The outputs from this Meeting included a list of common issues and constraints in the implementation of PSM in the region, recommendations for the implementation of the PSM Agreement, and follow-up actions by Member Countries in cooperation with FAO, RPOA-IUU and SEAFDEC.



Participants of the Experts Group Meeting on Port State Measures in Southeast Asia

Mid-term review on Traceability Systems for Aquaculture Products

SEAFDEC/MFRD successfully conducted the Mid-term Review Meeting for the project on “Traceability Systems for Aquaculture Products in the ASEAN Region”, from 7 to 8 November 2012 in Singapore. A 5-year project supported by the Japanese Trust Fund was implemented by the Post-Harvest Technology Division (PHTD) of Agri-Food & Veterinary Authority of Singapore (AVA) as the Collaborating Centre of SEAFDEC for MFRD programmes. The Meeting was attended by 17 delegates from Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Philippines, Singapore, Thailand and Vietnam, as well as the SEAFDEC Technical Coordinator, Mr. Tadahiro Kawata. The Meeting reviewed the progress of the project activities as well as the

traceability systems for aquaculture products in the Member Countries including the issues and challenges encountered during implementation and conduct of national activities. The Meeting also discussed and planned for the future project activities namely, the 2nd on-site regional training workshop on traceability systems for aquaculture products (shrimp) to be held in Thailand in 2013 and the technical compilation of traceability systems for aquaculture products in ASEAN. During the Meeting, MFRD invited guest speakers, Mr. Chuah Chong Hin, CEO of GenoMar South East Asia Ptd. Ltd, and the director of Trapia Malaysia Sdn. Bhd. to give presentations on their company’s experiences in the application of traceability system for their tilapia products.



The Mid-term Review Meeting for the project on Traceability Systems for Aquaculture Products in the ASEAN Region

TBTI-CZAP-SEAFDEC Workshop on small-scale fisheries



On 17-19 December 2012, a workshop on “Small-scale fisheries: Livelihoods, well-being, vulnerability and governance”, was jointly organized by the “Too Big to Ignore (TBTI) Project, the Coastal Zone Asia Pacific (CZAP) Secretariat and SEAFDEC at the SEAFDEC Secretariat in Bangkok, Thailand. The Workshop brought together researchers, government officials and other stakeholders to discuss and exchange idea on issues concerning small-scale fisheries in Asia and Oceania regions. The presentations and discussion specifically focused on the importance of small-scale fisheries to coastal livelihoods and well-being, how vulnerable coastal people are to natural phenomena and anthropogenic changes, and how governance systems such as co-management could be used to enhance fishers in engaging in coastal livelihood opportunities. During the Workshop, Ms. Sumitra Ruangsiwakul shared her experiences in the process of planning, implementation, monitoring and evaluation of projects undertaken by SEAFDEC to improve the livelihoods of people in the region. SEAFDEC Secretary-General, Dr. Chumnarn Pongsri, also stressed the importance of small-scale fisheries, and the need for scientific information as basis for planning and management. However, activities to be undertaken by researchers/scientists should consider the applicability for implementation. He further emphasized that fisheries could not be considered as stand-alone sector, as it is closely integrated with other sectors in the communities.

On-site training on community-based fisheries and co-management conducted for Lao PDR and Myanmar

In collaboration with the Lao PDR's Department of Livestock and Fisheries, the SEAFDEC/TD organized a 4-day Training Course on Practical Approach for Enhancing Community Based and Co-management in Inland Fisheries of Lao PDR from 11 to 14 December 2012 in Vientiane. Attended by 43 fishery officers, the training was set to impart knowledge and past experiences in fisheries co-management, especially those concerning the role to be played by fisheries offices. Operation of a mobile hatchery capable of breeding of popular species, such as common carp and silver barb was incorporated in the training.

Subsequently, a 5-day Training Course on Practical Approach to Community-based Fisheries Management in Coastal Area of Myanmar was held from 17 to 21 December 2012 at the Department of Fisheries premises in Yangon as a collaborative effort between TD and the DOF of Myanmar. The training course



Training Course on Practical Approach for Enhancing Community Based and Co-management in Inland Fisheries of Lao PDR

was supervised by TD officers, and was attended by 45 Myanmar fishery officers. It was expected that by the end of the training, the trainees would be capable of serving as trainers in their respective provinces to guide the target fishing communities in the application of the community-based and fisheries co-management concept. ☒

SEAFDEC takes part in BOBLME Workshop

(Continued from Page 16)

and recommendations for future work on harmonizing policies. SEAFDEC played a pivotal role in the Workshop and provided an extensive presentation on policy dimensions of fisheries work in the ASEAN Countries. It highlighted the important blueprints for the ASEAN Community basically on Economic Community, Socio-Cultural Community and Political Security Community. A number of challenges were presented,

one of which is on the need to address transboundary issues and opportunities. The Workshop likewise provided important subjects on the link between fisheries, aquaculture poverty and food security. More importantly, the Workshop also paved the way for the identification of gaps and constraints towards fisheries policy by using the toolbox for policy development. ☒



Participants in the BOBLME Workshop on Policy Direction in Fisheries

Post-harvest fish handling techniques training course

The Regional Training Course on Post-harvest Fish Handling Techniques was organized from 8 to 16 October 2012 by SEAFDEC/TD at its premises in Samut Prakan, Thailand. This training course was designed for 17 fishery extension officers from SEAFDEC Member Countries.



The fishery extension officers attending the training course

In imparting the knowledge and skills in fish handling techniques and practices for minimizing post-harvest losses in small and medium size fishing boats, the training course resorted to teaching the basic principles of cooling systems that are used onboard fishing boats and during transportation. The following subjects were introduced: 1) Good practice in fish preservation; 2) Onboard fish hold design and options for improvement of the existing facilities; 3) Engineering application to post-harvest technology for condition storage (salting, chilling, and refrigeration freezing systems); 4) Traditional and modern technologies for environmental/users friendly fish handling (power/fuel optimization and operator's safety) and food safety; and 5) Waste reduction during fish handling and transportation. After the completion of the training, the trainees were competent in facilitating the overall quality improvement of the catch, resulting in better quality of fish commodities either in local or high-valued markets. The trainees were also expected to share their knowledge and skills in post-harvest loss reduction during handling, preservation, and transportation with their beneficiaries. ☒

SEAFDEC participates in 24th Session of APCAS

The Government of Vietnam hosted the 24th Session of the Asia and Pacific Commission on Agricultural Statistics (APCAS) in collaboration with FAO in Dalat, Vietnam from 8 to 12 October 2012. Representing SEAFDEC, Ms. Saivason Klinasukhon attended the session which had over sixty-six delegates from APCAS Member Countries, and representatives from international/regional organizations. The 24th Session of the Commission was organized to follow-up the current status of food agricultural statistics in the Member Countries; and identified problems on the respective countries' statistical capacity which remains weak in the region and

lacks reliable and timely statistics data and information. For fisheries issues, the Commission emphasized on the importance of fisheries and aquaculture in terms of food security, production and national income. Several steps were suggested on fishery needs including full integration of inland capture fisheries and aquaculture into community-based fisheries development, expansion of remote sensing and land-use surveys to cover aquaculture, sharing information and exchanging concepts and available tools among the sectors. The Meeting also highlighted on the efforts made to improve statistical concepts, and dissemination of fishery statistics.



Training on sandfish, bighead carp, native catfish, and community aquaculture (Continued from Page 10)

fishponds in Calauan, Laguna. On the other hand, the training course on native catfish was attended by seven participants from government and business sectors. Through a series of presentations and interactive discussions, the training introduced science-based technologies and methods of catfish breeding, larval rearing, and fry/fingerling production for grow-out purposes. The course also

covered the following topics: biology and reproduction, site selection and water management, diseases and health management, nutrition and feeding, and economics of pond farming. In both courses, a total of 23 fisheries students and faculty of the University of Rizal System (URS) Cardona campus joined.

(3) "Community-based Freshwater Aquaculture for Remote Rural Areas of Southeast Asia" training was conducted from 26 November to 5 December 2012 also at AQD's station in Binangonan, and was attended by a total of seven participants from Cambodia, Malaysia, Thailand, Vietnam, India, and the Philippines. The lectures and practicals included the overview of freshwater aquaculture in Southeast Asia; hatchery, broodstock management and grow-out of commercially-important freshwater species like tilapia, bighead carp, catfish, and freshwater prawn; aquatic ecology; design and construction of tanks, cages, pens, and ponds; preparation of feeds; major diseases; and sustainable management of small-scale farms. The course was funded by the Japanese Trust Fund to help Southeast Asian countries adopt better aquaculture technologies.



Stocking of one-day old catfish larvae in tanks (top); and preparation of hormones for carp spawning trials (above)

RTC on International Fisheries-related Issues

(Continued from Page 1)

regional record of fishing vessels 24 meters in length and over. The RTC was attended by representatives from the ASEAN-SEAFDEC Member Countries, namely: Brunei Darussalam, Cambodia, Indonesia, Japan, Lao PDR, Malaysia, Myanmar, Philippines, Thailand, and Vietnam, as well as officials of the SEAFDEC Secretariat and Departments and the regional experts group on sharks (from Indonesia, Japan, Malaysia, Philippines, and Thailand). The outputs of the RTC consisted of the positions of the ASEAN-SEAFDEC Member Countries on the proposed listing of commercially-exploited aquatic species into the CITES Appendices at the CoP16, and the views and positions on the proposal to amend the rule of procedure 25 on Methods of Voting Using Secret Balloting.

The RTC also expressed the view that sharing of country's fishing vessels record is needed to combat IUU fishing in the region. Therefore, the development of regional record starting with fishing vessels 24 meters in length and over should be done in close coordination/integration with the other relevant initiatives and in line with the FAO Global Record. The RTC then recommended that once the development of database and inputs from the countries are endorsed by the Council, SEAFDEC should consider enhancing the capacity of the Member Countries, e.g. in providing data and information, as well as in combating IUU fishing.



The representative from Malaysia, Mr. Abdul Rahman bin Abdul Wahab was elected as Chairperson of the RTC

FUTURE ACTIVITIES

Date	Venue	Title	Organizer
2013			
14-18 January	Thailand	On-site Training Course on Practical Approach for Enhancing Community Based Fisheries Co-management in Inland Fisheries of Thailand	TD
22 January	Bangkok, Thailand	ASEAN-SEAFDEC Regional Consultation on Common/Coordinated Position of the Commercially-exploited Species at CITES-CoP 16	Secretariat
28-30 January	Bangkok, Thailand	Regional Workshop on Improvement of Fisheries Information Collection in Coastal Small-scale and Inland Fisheries of the Southeast Asian Region	TD
31 Jan - 1 Feb	Bangkok, Thailand	Inter-governmental Forum on Live Reef Fish Food Trade (LRFFT)	CTI-CFF & SEAFDEC
4-8 February	Bangkok, Thailand	Regional Training Workshop on Optimizing Energy and Safety at Sea for Small-scale Fishing Vessels	TD
18-22 February	Thailand	Training Workshop on Benthic Habitat Mapping	TD
18-22 February	Rizal, Philippines	Training on Freshwater Prawn Hatchery and Grow-out Operations	AQD
24-28 February	Vietnam	24 th Meeting of the NACA Governing Council	NACA
26 Feb - 3 Mar	Thailand	Regional Training of Trainers Course on Effective Fisheries Information Gathering and Data Collection in Coastal Small-scale and Inland Fisheries for Southeast Asia	TD
26-28 February	Thailand	On-site Training Course on Tuna Species Identification at Tuna Cannery	TD
27 February	KU, Bangkok, Thailand	JSPS Asia-Africa Science Platform Program (AASPP) Workshop	Hokkaido University
28 Feb - 1 Mar	Bangkok, Thailand	3 rd Japanese Trust Fund Review Meeting	Secretariat
3-15 March	Bangkok, Thailand	16 th Meeting of the Conference of the Parties to the Convention on International Trade in Endangered Species of Wild Fauna and Flora	CITES
17-20 March	Khon Kaen, Thailand	Workshop on Fish Passage in Southeast Asia: Principle of improved fish passage at cross-river obstacles, with relevance to Southeast Asia	FAO & SEAFDEC
22-28 March	Rizal, Philippines	Training on Tilapia Hatchery and Grow-out Operations	AQD
1-5 April	Cebu, Philippines	45 th Meeting of the SEAFDEC Council	Secretariat & Phil. BFAR
1-5 April	Rizal, Philippines	Training on Catfish Hatchery and Grow-out Operations	AQD
10-12 April	Tamil Nadu, India	International Seminar-Workshop on Mud Crab Aquaculture	Rajiv Candhi Center for Aq. & AQD
10-24 April	Iloilo, Philippines	Training on Sandfish (<i>Holothuria scabra</i>) Seed Production, Nursery and Management	AQD
22-26 April	Rizal, Philippines	Training on Carp Hatchery and Grow-out Operations	AQD
7-27 May	Iloilo, Philippines	Training on Abalone Hatchery and Grow-out	AQD
8-9 May	Iloilo, Philippines	International Workshop on Food Safety of Aquaculture Products in Southeast Asia	AQD
20 May - 7 Jun	Rizal, Philippines	Training on Freshwater Aquaculture	AQD
28 May - 19 Jun	Iloilo, Philippines	Training on Mud Crab Hatchery, Nursery and Grow-out Operations	AQD
24-28 June	Rizal, Philippines	Training on Freshwater Prawn Hatchery and Grow-out Operations	AQD
25 Jun - 31 Jul	Iloilo, Philippines	Training on Marine Fish Hatchery	AQD
15-19 July	Rizal, Philippines	Training on Tilapia Hatchery and Grow-out Operations	AQD
16-20 September	Rizal, Philippines	Training on Catfish Hatchery and Grow-out Operations	AQD

AQD at the Philippines' largest agri trade show



AQD put up a booth at AgriLink-AquaLink-FoodLink 2012 which was held from 4 to 6 October 2012 at the World Trade Center in Manila, Philippines. At the Trade Show, AQD offered technical consultation, promoted its programs for entrepreneurs and other stakeholders, and sold newly published manuals. In one of the AgriLink forums, AQD Chief Dr. Felix Ayson spoke on “Improving milkfish production in brackishwater ponds and in fish cages by proper feeding management”, a study he conducted with AQD scientist Dr. Evelyn Grace DJ Ayson. Similar to tilapia, the innovation involves alternate day feeding to reduce feed inputs (by 50%) and costs (30-50% savings). “We have grown milkfish to marketable size in ponds and in sea cages where feeding is done on alternate days. Although it takes a little bit longer to reach marketable size of 400-500 g when fed alternate days compared to everyday feeding, total milkfish biomass is comparable in both groups”, Dr. Ayson noted. “With reduced feeds and feeding, the new practice is environment-friendly”.



AQD inks new agreements with PNRI and URS

SEAFDEC/AQD signed an agreement with PNRI (Philippine Nuclear Research Institute of DOST) for a five-year research collaboration and exchange of experts on 5 October 2012 in Quezon City. Every study, however, will be covered by a separate terms of reference. The first one is on the “Potential uses of irradiated low molecular weight carrageenans in aquaculture” which will be conducted by AQD associate scientist Dr. MM Peñaranda and PNRI scientist Dr. Lucille Abad. How did AQD link up with PNRI? Dr. Abad, incidentally a Dangal-ng-Bayan awardee, initiated the brief exchanges on researchable areas with AQD scientist Dr. MR Eguia; both knew each other as former fellows of the JSPS Ronpaku Ph.D. dissertation grant. AQD then invited Dr. Abad to deliver a seminar on nanotechnology (specifically on the use of irradiated seaweeds in agriculture) and to meet prospective AQD collaborators in 2011. The drafts of the Memorandum of Understanding and Letter of Agreement (for the first study) were finalized in late September 2012 and signed in early October. In addition, the University of Rizal System based in Cardona, Rizal, Philippines joined the growing list of AQD partner institutions with an agreement signing on 19 October at AQD’s research station in Binangonan, Rizal. The 5-year agreement aims to implement the “Aquaculture Research, Technology and Development Program” (ARTDEP) where both institutions committed to share their human, materials and financial resources for fisheries development in the province. The agreement was arranged by AQD’s Dr. MR Eguia and Dr. FA Aya together with URS’ Ms. Jesselyn Rafin.



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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Core Experts Meeting on Preventing Export of IUU Fishing Products organized by MFRDMD

SEAFDEC/MFRDMD organized the Regional Core Experts Meeting on Preventing Export of IUU Fishing Products in Southeast Asia at Concorde Inn KLIA in Sepang, Selangor Malaysia from 20 to 22 November 2012. Supported by the Japanese Trust Fund, the Meeting was attended by the representatives from Brunei Darussalam, Cambodia, Lao PDR, Malaysia, Myanmar, Thailand and Vietnam, as well as the Deputy Secretary-General of SEAFDEC, representatives from SEAFDEC Secretariat and Training Department, the Chief, Deputy Chief and officers of MFRDMD, and invited Resource Person from Japan. The Meeting was also attended by observers from the Department of Fisheries Malaysia,



Participants attending in the Regional Core Expert Meeting on Preventing Export of IUU Fishing Products in Southeast Asia

Fisheries Development Authorities Malaysia (LKIM) and Malaysian Quarantine and Inspection Services (MAQIS). IUU fishing was highlighted as a serious problem worldwide, and addressing such concern is a great challenge for the Southeast Asian countries and SEAFDEC. The output

from the Meeting was an outline of the Regional Guidelines to Prevent Trading, Import and Export of IUU Fishing Products. The Meeting also identified the required follow-up actions under the SEAFDEC mechanism in order to come up with such Regional Guidelines.



Assessment of the Impacts of IUU Fishing and EC Regulation 1005/2008 on Small-scale Fisheries in the Southeast Asian Region

The Joint Workshop on the “Assessment of the Impacts of IUU Fishing and EC Regulation 1005/2008 on Small-scale Fisheries in the Southeast Asian Region” was organized in Nha Trang, Khánh Hòa, Viet Nam from 17 to 19 October 2012. The Workshop was co-organized by the Fisheries Administration of the Ministry of Agriculture and Rural Department (MARD) of Vietnam; the Agri-Food and Veterinary Authority (AVA) of Singapore; the Regional Plan of Action to Promote Responsible Fishing Practices including Combating IUU Fishing in the Region (RPOA-IUU); and SEAFDEC.



Mr. Nguyen Viet Manh, the Chairperson of this Workshop (above); and the Director-General of the Surveillance for Marine and Fisheries Resources of the Ministry of Marine Affairs and Fisheries, Indonesia, Mr. Syahrin Abdurrahman welcoming all participants to the Workshop (right)

This Workshop aimed to evaluate the impact of the EC Regulation No. 1005/2008 on small-scale fisheries in the Southeast Asian region as well as to identify the key impacts of IUU fishing on developing countries. Attended by representatives from the RPOA-IUU and SEAFDEC Member Countries namely Australia, Cambodia, Indonesia, Lao PDR, Myanmar, Philippines, Singapore, Thailand, and Vietnam as well as the officials from SEAFDEC and RPOA-IUU Secretariat, the Workshop came up with the draft Strategic Plan of Action for small-scale fisheries to implement the EC Regulation 1005/2008 which the Workshop finalized and agreed on the identified issues and recommendations.



SEAFDEC takes part in BOBLME Workshop

SEAFDEC took part in the Regional Workshop on “Policy Directions in Fisheries, Coastal and Marine Environment, and ICM in BOBLME Countries” which was convened by Universiti Sains Malaysia (USM), Centre for Policy Research and International Studies (cenPRIS) and BOBLME Project from 2 to 4 October 2012 in Penang, Malaysia to review and update the BOBLME Member Countries on the development related to the project implementation. The Workshop was attended by representatives from BOBLME Member Countries and representatives from various national/regional/international organizations and SEAFDEC who are working on aspects relevant to policies on environment and integrated coastal management (ICM).

The Workshop was generally aimed at providing key contribution to the achievement of reviewing the report on “Policy Directions in Fisheries, Coastal and Marine Environment and ICM in the BOBLME Countries”; identifying gaps and apparent conflicts in policies; and developing a workplan

(Continued on Page 12)