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SEAFDEC holds the fiftieth meeting of its Council in Cambodia



At the kind invitation of the Government of the Kingdom of Cambodia, the Fiftieth Meeting of the SEAFDEC Council was convened in Siem Reap, Cambodia from 26 to 30 March 2018, hosted by the Fisheries Administration of the Ministry of Agriculture, Forestry and Fisheries of Cambodia. On this occasion, the Council Director for Cambodia, *H.E. Eng Cheasan* was unanimously elected as the Chairperson of the SEAFDEC Council for the Year 2018-2019.

During the Meeting, the SEAFDEC Council approved the proposed programs of activities to be undertaken in 2018, taking into consideration the important issues on the sustainable development of fisheries in the region. Discussion was subsequently made to provide directives on several fisheries policy-related issues. Specifically on combating IUU fishing, the Council provided recommendations for the

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EDITORIAL

The first quarter of 2018 has seen several events happening at SEAFDEC, one of which was the 50th Meeting of the SEAFDEC Council in Siem Reap, Cambodia, where the proposed programs of activities for 2018 aimed at addressing important issues on sustainable fisheries development in the region were approved. The Council provided directives for ensuring the sustainable utilization of important transboundary species in the region, and also encouraged SEAFDEC to monitor the proposals for listing of commercially exploited species into the CITES Appendices during the CoP18. The Council also supported the policy brief "Applying Human Rights-based and Gender Equality Approaches to Small-scale Fisheries in Southeast Asia" to facilitate the integration of gender perspective into the SEAFDEC programs and projects in the future.

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Cooperation for the management of transboundary species in the Northern Andaman Sea/Myeik Archipelago strengthened

The SEAFDEC-Sweden Project convened the "Technical Experts Meeting on Management of Transboundary Species for Northern Andaman Sea" on 13-14 March 2018 in Bangkok, Thailand, attended by technical focal persons from Myanmar and Thailand and relevant officers of SEAFDEC.



The Technical Experts Meeting followed up the recommendations on transboundary fish stock management previously discussed during the "3rd Sub-regional Consultative Workshop of the Northern Andaman Sea/Myeik Archipelago" held in November 2017.

The recommendations suggested that biological information and existing fisheries regulations on anchovies, mackerels, and neritic tunas, should be compiled on maps covering the Northern Andaman Sea. These maps could then form

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EDITORIAL

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Other significant regional events organized by SEAFDEC during the quarter included the Technical Experts Meeting on Management of Transboundary Species for Northern Andaman Sea which aimed to discuss the types of information for the development of thematic maps to indicate the species' migration routes and spawning areas; the Regional Training Course on Port State Measures Implementation in Southeast Asia which aimed to increase knowledge in the implementation of PSM and discuss the ways to practical improvement of PSM; and Practical Workshop on Tuna Stock Assessment for Yellowfin Tuna, Bigeye Tuna and Skipjack Tuna Resources in Sulu and Sulawesi Seas (SSSs) which was aimed at developing human resources on stock assessment and in collecting relevant information.

SEAFDEC also continued to cooperate and collaborate closely with relevant regional/international organizations in undertaking activities that aim to address priority fisheries issues, e.g. the 14th Meeting of the ASEAN Working Group on the Convention on International Trade in Endangered Species on Wild Fauna and Flora (CITES) and Wildlife Enforcement; Regional Technical Seminar in Joining Forces in the Fisheries Sector, and Seafood Watch Standard and Assessment Methodology Workshop.

As a continuing program, the Regional Fisheries Policy Network (RFPN) received the new batch of RFPN members from six SEAFDEC Member Countries during the quarter. Assigned at the SEAFDEC Secretariat from January until December 2018, the RFPN members would play the role in facilitating closer collaboration and coordination between SEAFDEC and Member Countries, and also support in promoting fisheries policy in the Southeast Asian region. ✠

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promotion of regional initiatives to combat IUU fishing that include the ASEAN Guidelines for Preventing the Entry of Fish and Fishery Products from IUU Fishing Activities into the Supply Chain, Regional Fishing Vessels Record for Vessels 24 Meters in Length and Over, ASEAN Catch Documentation Scheme, Regional Cooperation for Supporting the Implementation of Port State Measures in the ASEAN Region, and the Regional Plan of Action for the Management of Fishing Capacity with a view to making sure that their implementation corresponds to the priorities and needs of the region.

With regards to the policy recommendations for sustainable fisheries, the Council provided directives for ensuring the sustainable utilization of important transboundary species in the region, particularly neritic tunas and anguillid eels. For promotion of sustainable aquaculture, the new SEAFDEC activities in 2018 included establishment of the Regional Database of Alternative Feed Ingredients in Aquaculture, and development of the Aquatic Emergency Preparedness and Response Systems for



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Effective Management of Transboundary Disease Outbreaks in Southeast Asia. The Council also supported the policy brief “Applying Human Rights-Based and Gender Equality Approaches to Small-Scale Fisheries in Southeast Asia,” and the initiative to develop Gender Strategy to facilitate the integration of gender perspective into the programs and projects of SEAFDEC in the future.

At the end of the Meeting, the Council announced that the Fifty-first Meeting of SEAFDEC Council in 2019 would be hosted by Indonesia. ✠

Workshop on Introduction of Fish Enhancing Devices in Viet Nam

TD in collaboration with the Directorate of Fisheries (D-Fish) of Viet Nam organized the “National Workshop on Introduction of Fish Enhancing Devices” during 6-8 March 2018 in Binh Thuan Province, Viet Nam. There were 30 participants who are local fishers from Binh Thuan Province and D-Fish officers who attended the



Workshop. The Workshop was aimed at promoting the utilization of Fish Enhancing Devices (FEDs) for small-scale fisheries by enhancing the national policy and framework on the promotion of FEDs for small-scale fisheries and collecting information on the local FEDs for small-scale fisheries in Binh Thuan Province. Moreover, the participants had a chance to make FEDs and install these in their fishing grounds. ✠

Workshop on appropriate design of new purse seine fishing vessel organized

TD conducted the “Workshop on Appropriate Design of New Purse Seine Fishing Vessel” on 5 March 2018 in Samut Prakan, Thailand. There were 18 participants from relevant organizations who attended the Workshop which was aimed at: 1) promoting awareness on energy efficiency and reduction of impact of greenhouse gas from fishing vessels in Southeast Asia; 2) gathering information on the concept of an appropriate fishing vessel design to support fishing vessel’s operation based on fuel efficiency use and safety at sea; 3) improving good working/living conditions and reducing manpower onboard; and 4) disseminating information to the fishing fleet. The Workshop came up with the conceptual plan on designing appropriate new purse seine fishing vessel based on energy efficiency and safety at sea of fishing vessel operations. ☒



TD discusses with Indonesia on skipjack growth analysis



TD conducted the consultation and site visit in Indonesia during 16-17 January 2018 as one of the activities under the “Study on Skipjack Growth Analysis Based on the Examination of Intervals between the Daily Rings in the Otolith Samples Collected at Sulu-Sulawesi Seas (SSSs).” The consultation and site visit aimed to discuss the activity plan of the project in 2018-2019. ☒

Agreement inked to boost Catanduanes crab industry

The crab industry in Catanduanes Province in the Philippines is set to get a boost after the Bureau of Fisheries and Aquatic Resources (BFAR) inked an agreement with AQD to conduct surveys and trainings this year towards establishing mangrove crab seed banks, nurseries, and grow-out production farms in the Province. Aside from conducting surveys, AQD is also tasked to train the staff of BFAR Region 5, Catanduanes Provincial Agriculture Office, Catanduanes State University, and local Government Units on scientific protocols and analytical methods to determine and monitor status of wild mangrove crab population in the Province.

This undertaking, which is under the implementation of RA 10857, will

be done in the municipalities of Virac, Bato, Baras, Gigmoto, Viga, Panganiban, Bagamanoc, San Andres, Caramoan, and Pandan. BFAR Central Office allotted PHP 500,000 for the conduct of site assessment and trainings by AQD in these areas. RA 10857 cites that abandoned, undeveloped, or underutilized fishponds covered by fishpond lease agreements will be prioritized for site assessment of potential mangrove crab seed banks, nurseries, and grow-out.

Having the technical expertise in mangrove crab culture, AQD is also tasked to determine the technology package to be deployed in the identified mangrove crab seed banks, nurseries, and grow-out sites. ☒

MFRDMD organizes the internal workshop on comparative studies of purse seine management

Supported by the Japanese Trust Fund, SEAFDEC/MFRDMD organized the internal workshop “Comparative Studies of Purse Seine Management in the Southeast Asian Region” on 12-14 February 2018 in Terengganu, Malaysia. During the workshop, discussion was made on the most appropriate analysis needed for the acquired purse seine catch and effort data. It was suggested by the resource person that Production Models, Allowable Biological Catch (ABC), and Allowable Biological Effort (ABE) Rules are the most appropriate analysis due to the limitations of data availability and reliability. Since analysis by country is highly recommended as the acquired catch and effort data is not synchronized

among the countries, the project’s team members were therefore tasked to verify on certain acquired catch and effort data and continue to follow up with Members Countries that have not yet submitted the complete catch and effort data. It is expected that MFRDMD will publish a regional synthesis during the third quarter of 2018 once all the analysis has been completed. ☒



Cooperation for the management of transboundary species in the Northern Andaman Sea/Myeik Archipelago strengthened

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as the basis for future collaboration between Myanmar and Thailand to coordinate measures to secure the sustainability of these transboundary fish stocks. At this Technical Experts Meeting, existing data on migration routes, spawning areas, and closed areas were identified. The countries will compile these data and produce a digital map covering the Northern Andaman Sea.

The work is facilitated by the SEAFDEC-Sweden project. ☒



DEPARTMENTAL ACTIVITIES

AQD's Japan-funded studies get high marks

External evaluators commended the Japan-funded studies of SEAFDEC Aquaculture Department (AQD) presented during the “2017 Annual Progress and Planning Meeting on the Promotion of Sustainable Aquaculture and Resource Enhancement in Southeast Asia,” held on 9 February 2018 in Mandaue City, Cebu, Philippines.

Dr. Tetsuo Fujii, Japan International Research Center for Agricultural Sciences (JIRCAS) Fisheries Division Director, urged AQD to continue striving to be a leader in aquaculture of the ASEAN countries. “*I am impressed with SEAFDEC/AQD’s work having a vast knowledge on basic research and extension of technology,*” said *Dr. Satoshi Miwa*, Head of Diagnosis and Training Center for Fish Diseases of the National Research Institute of Aquaculture in Japan.

The studies, funded by the Japanese Trust Fund, also got positive feedback from Filipino evaluators. “*AQD studies are relevant and have significantly added to the existing wealth of knowledge,*” said *Dr. Simeona Regidor*, officer-in-charge of the National Fisheries Laboratory Division of the Bureau of Fisheries and

Aquatic Resources. “*The Community-based Resource Enhancement project in Molocaboc Island, Sagay City, Negros Occidental should be replicated in other areas since this supports the Philippine government’s program on food security,*” she added.

Moreover, *Dr. Crispino Saclauso*, professor at the College of Fisheries and Ocean Sciences, University of the Philippines Visayas, mentioned that the research activities undertaken were responding to the needs of time, especially the establishment of environment-friendly, sustainable utilization and management of fisheries and aquaculture resources *vis-a-vis* the ever increasing demand for animal protein of the burgeoning world population. “*The research activities are also in line with the blue growth paradigm of FAO, that is, completely integrating fisheries and aquaculture as interdependent sectors in food production and livelihood generation,*” said *Dr. Saclauso*.

AQD studies that were reviewed were under the regional program “Promotion of Sustainable Aquaculture and Resource Enhancement.”



PHP 10-M agreement sealed for planning of 15 hatcheries

To step-up fisheries production in the Philippines, the Bureau of Fisheries and Aquatic Resources (BFAR) tapped AQD in a PHP 10-million project to conduct surveys and prepare development plans for the establishment of 15 multi-species fish hatcheries in seven provinces around the Philippines. Under an agreement signed on 8 February 2018 by BFAR National Director *Commodore Eduardo B. Gongona* and AQD Chief *Dan Baliao*, SEAFDEC will assess pre-identified project sites, recommend hatchery technologies to be deployed, outline production cycles, and produce site development plans as well as detailed blueprints for facility design.

The hatcheries to be built in the provinces of Agusan del Norte, Albay, Cebu, Lanao del Norte, Surigao del Norte, Surigao del Sur, Quezon, and Zamboanga del Norte are seen to shore up the supply of fingerlings for fish farmers. Site surveys to be conducted by AQD will include the conduct of water and soil analyses and stakeholder interviews. Environmental parameters in the respective areas will be considered as well as the current fingerling requirements and the potential market for other aquaculture commodities.

While BFAR is mandated to supervise the establishment of these legislated multi-species hatcheries before turning them over to the local government after a training and phasing-in program, the agreement recognized the “necessity to pool resources, activities, and technical expertise” of BFAR and AQD to “attain the vision of developing sustainable aquaculture and revitalize the fishery and aquatic resources in the country.” The surveys and project planning are scheduled to be completed this year.



Participants of the 2017 Annual Progress and Planning Meeting

Capacity building on gender analysis in fisheries advanced

The SEAFDEC-Sweden Project and its partners conducted two capacity building workshops on gender analysis in fisheries. The first was the “Workshop on Gender Analysis in Fisheries Management in Coastal Communities in Cambodia, Myanmar, and Thailand” on 6-9 February 2018 in Bangkok, Thailand, which was organized in collaboration with the Stockholm Environment Institute (SEI) and attended by representatives from the participating countries and SEAFDEC Training Department; and the second was the “Training Workshop on Gender Analysis in Fisheries Sector” in collaboration with the Women Organizing for Change in Agriculture and Natural Resource Management (WOCAN) on 5-8 March 2018 also in Bangkok, Thailand and participated by representatives from the participating countries and SEAFDEC including the SEAFDEC Gender Working Team (GWT) and the members of the Regional Fisheries Policy Network who are stationed at the SEAFDEC Secretariat.

The SEAFDEC-Sweden Project has collaborated with IUCN through the Mangrove for the Future (MFF) and SEI to jointly undertake a regional field study on gender in fisheries (2017-2018) which aims to explore gender patterns in coastal and marine resources management and improve the understanding of the state of women and men in environmental decision making, and the structural challenges preventing equitable opportunities for men and women in relation to the coastal and



Group discussion during the “Workshop on Gender Analysis in Fisheries Management in Coastal Communities in Cambodia, Myanmar, and Thailand”

marine fisheries sectors in Southeast Asia. An output of the study was a collection of field data that were used as reference during the first Workshop initially analyzing of the gender issues including the structural causes of gender inequities and inequalities in the fisheries sector.

In the subsequent Training Workshop, the understanding of relevant stakeholders on gender analysis was enhanced using the tools and methods for integrating gender concerns within the fisheries research. This was achieved through the discussions on key gender issues related to fisheries and the rationale for using the gender lens. During the Workshop’s group exercises and breakout meetings, the participants examined the gender analysis survey tools that were used for collecting the relevant data during the field study, and rationally analyzed and interpreted the data collected during the said field study. Additionally, the capacity and vulnerability assessment tool was also introduced; while its application in research works related to fisheries, gender, and climate change was discussed. The participants also enhanced their skills in designing gender integrated planning framework, developing monitoring and evaluation mechanisms using gender sensitive indicators, and assessing external and internal risks while planning. These aspects are necessary for integrating gender issues and carrying out gender analysis in the research and development cycle. ✖



Group discussion during the “Training Workshop on Gender Analysis in Fisheries Sector”

TD joins National Children’s Day

TD joined Thailand at its 2018 celebration of the National Children’s Day on 13 January at the Prachunlajomkiao Navy Dockyard in Samut Prakan Province. TD displayed information and facilitated games with the theme on fishery resources conservation. Several groups of children were guided by their chaperons and attracted to the TD activities.

The National Children’s Day in Thailand is traditionally organized on the second Saturday of the year. It largely receives a widespread attention by the public, mostly government organizations, especially the Prime Minister and military that staged their impressive shows for the benefit of children as future of the nation. ✖

TD organizes SEAFDEC Technical Seminar 2017



TD organized the “SEAFDEC Technical Seminar 2017: Fisheries and Marine Environment” on 15 January 2018 at the SEAFDEC Secretariat in Bangkok, Thailand. The Seminar aimed to enhance and develop the skills of TD staff on writing technical papers to promote and exchange information on project activities among relevant fisheries agencies for collaboration in the future. There were 71 participants from SEAFDEC Secretariat and TD, Kasetsart University, and the Department of Fisheries, Thailand who joined this Seminar. Moreover, two special lectures were delivered, *i.e.*: 1) How to Conduct Research on Fisheries and the Marine Environment in the Future by *Dr. Veravat Hongskul* former Secretary-General of SEAFDEC; and 2) The Standard QR Code for Traceability of Fishery Products by *GS1 Thailand, Ms. Pachariya Yenjit*. ✖

Engaging the public in science through news and features



To enhance the skills of AQD staff in writing engaging news and feature articles, AQD invited *Ms. Hazel P. Villa*, a journalism professor, as a resource speaker, to conduct a writing workshop last 20 and 22 March 2018. *Ms. Villa* stressed that writers should focus on the information that directly benefits the lives of the community to make engaging stories and make AQD more accessible as a research and development partner to its stakeholders. She also added that while the public does not like to be “lectured” upon with facts, articles can be written in a way that readers can learn while enjoying the read.

According to *Mr. Rex Delsar Dianala*, officer-in-charge of AQD’s Development Communication Section which organized the workshop, the activity aimed to empower information and research personnel to craft articles that both “inform and delight.” “*We are always looking to improve the way we communicate our science to the public,*” he said.

This is the second writing workshop of AQD with *Ms. Villa* and both had been “*effective in bridging the gap between science and the art of communication,*” he adds “*We hope to have more workshops in the future as there is always room for learning,*” said *Mr. Dianala*.

Among the topics discussed during the workshop are the journalism stylebook rules, how to gather information, and basics of feature writing. ❏

Delegates from Fisheries Agency of Japan pay a visit to TD

Delegates from Overseas Fisheries Cooperation Office and Fisheries Agency of Japan, led by *Mr. Takahide Tanaka*, paid an official visit to SEAFDEC/TD on 7 February 2018. The SEAFDEC Deputy Secretary-General and Deputy Chief of TD, *Mr. Tetsuya Kawashima* welcomed the guests at the reception. Subsequently,

a tour was made to view TD facilities such as the fishing and engineering workshop, and the guests were taken on an onboard visit to M.V. SEAFDEC 2. Moreover, they also visited and observed a natural shrimp farm and mangrove area in Phasamutchedi District, Samut Prakan, Thailand. ❏



Mr. Takahide Tanaka observes the fish passage model (left) and visits the M.V. SEAFDEC 2 (right)

Cooperation among RFPN members at SEAFDEC enhanced

Fisheries officers from Cambodia, Indonesia, Lao PDR, Myanmar, Philippines, and Thailand are stationed at SEAFDEC Secretariat as members of the Regional Fisheries Policy Network (RFPN) for the year 2018.

The RFPN members play an important role in facilitating closer collaboration and coordination between SEAFDEC and their respective countries. They are expected to contribute and support SEAFDEC and Member Countries in promoting fisheries policy that deal with various issues at regional and sub-

regional levels. They would also have a chance to participate in the meetings and events of SEAFDEC to enhance their knowledge on regional fisheries related issues.

Throughout their one-year term, the RFPN members would learn and share experiences through cooperation among the Member Countries. In addition, they would also have the opportunity to learn and work together as a team in a multicultural and multi-knowledge network. ❏



2018 RFPN Members with SEAFDEC Secretary-General. Left to right: Dr. Nant Kay Thwe Moe (Myanmar), Ms. Thumawadee Jaiyen (Thailand), Dr. Kom Silapajarn (SEAFDEC Secretary-General), Ms. Bernadette B. Soliven (Philippines), Mr. Thuch Panha (Cambodia), Ms. Vanny SengKapkeo (Lao PDR), and Mr. IBM Suastika Jaya (Indonesia)

Five AQD staff pledge as professional fisheries technologists

The Fisheries Technologist Oath-taking Ceremony saw 47 oath-takers last 20 February 2018 at Iloilo Grand Hotel with five coming from AQD: Associate Researchers *Mr. Jon Irish Aquino* and *Ms. Joana Joy Huervana*, Technical Assistant *Ms. Cleresa Dionela*, Research Assistant *Ms. Juliette Virgula*, and TVDD Administrative Assistant *Ms. Jenalyn Lames*. All are graduates of the University of the Philippines Visayas (UPV), the top performing school in the October 2017 Fisheries Technologist Board Examination given by the Philippine Government.

“We see ourselves as catalysts for improvement in the field of fisheries,”

said *Mr. Aquino*, one of AQD’s new Fisheries Technologists. *“As newly registered Fisheries Technologists, we intend to develop responsible and sustainable aquaculture technologies that could benefit both local and foreign farmers. We will continue to explore aquaculture in its safest form and mitigate the problems of climate change and poverty,”* he added.

National Inland Fisheries Technology Center Chief *Dr. Westly Rosario*, who led the oath-taking ceremony, graced the event together with UPV-College of Fisheries and Ocean Sciences Dean *Prof. Encarnacion Emilia Yap* and Associate Professor *Dr. Gerald Quinitio*. ❖



Workshop on magazine design convened

In order to enhance the capacity of SEAFDEC information officers, SEAFDEC Secretariat organized the Workshop on Magazine Design on 8-12 January 2018 in Bangkok, Thailand attended by six participants from SEAFDEC Secretariat and Training Department. The Workshop focused on the principles of magazine design using the software Adobe InDesign. The Workshop also included a practical session on the aspects related to magazine layouting and image editing. At the end, the participants learned several skills and techniques which could be applied in their work in the future such as layouting publications using the software. ❖

AQD imparts basic research writing techniques for students

Searching proper information sources, writing correct citations, and classifying data are a few basic skills conveyed by the SEAFDEC/AQD Library to 31 senior high school students of Colegio de las Hijas de Jesus during a lecture last 26 January 2018 at AQD’s Tigbauan Main Station.

Mr. Stephen Alayon, acting head of AQD Library and Data Banking Services Section, presented the basic techniques in writing for scientific publications. Topics included the APA citation style, various types of citation databases, how to distinguish legitimate scientific from predatory journals, and how to cite sources without committing plagiarism. At the end of the lecture, *Mr. Alayon* demonstrated the use of a

Pilot project on capacity building of Thai crew for fishing vessels



TD in collaboration with National Farmer Council, Department of Fisheries (DOF) of Thailand, Thai Fisheries Association, Ministry of Labor, Marine Department, Internal Security Affairs Bureau, and Naval Operations Department organized “The Pilot Project on Capacity Building of Thai Crew for Fishing Vessels.” The Training was organized from 11 March to 2 April 2018 in Samut Prakan, Thailand and attended by 15 Thai agriculturists. The Training was aimed at developing the capacity and skills of vessel crew on fishing activities to better understand fishing operations and to be qualified as crew of fishing vessels. The Training focused on fishing gear and operation, safety at sea, and fisheries and labor laws. Moreover, the participants also had a chance to practice fishing operations at sea. ❖



Mr. Stephen Alayon teaches basic techniques in writing for scientific publications

reference management tool called Zotero. According to its website, Zotero is the only research tool that automatically senses the content in a web browser, thus allowing researchers to add it to a reference library with a single click. These topics are seen to be useful for senior high school students under the K-12 program of the Philippine Government. ❖

SPECIAL REPORT

Redesigning the “M.V. PLALUNG 1” to Serve as Model Fishing Boat Complying with C188

Fisheries is among the top professions that generates big revenues for people engaged in the sector. However, in many cases, the crew and fishers working onboard fishing vessels encounter some difficulties at sea, including minimal safety, inadequate working and living conditions, as well as health and sanitation concerns. To provide a global framework for providing fishers and fishing crews decent working conditions onboard fishing vessels, the Work in Fishing Convention (C188) was adopted during the 96th International Labour Conference of the International Labour Organization (ILO) in 2007, and came into force on 16 November 2017. Targeting all fishers and fishing vessels engaged in commercial fishing operations, C188 established the minimum requirements for work on board, conditions of service, accommodation and food (Box 1), occupational safety and health protection, medical care, and social security. Although C188 is applicable to fishing vessels measuring 24 meters in length and over, the provisions stated in the Convention could also be applied to vessels between 15 and 24 meters in length if a country’s competent authority determines that these are reasonable and practicable. For the Southeast Asian region, although fishing vessels are generally smaller than 24 meters in length, and the C188 is not compulsory for those countries that are yet to ratify it, the national laws of several countries have already been adjusted to accommodate some relevant provisions in C188, such as the minimum age of fishers, fisher’s work agreement, number of hours of work, and so on.

Box 1: Provisions in Article 26 under Part V (Accommodation and Food) of the ILO Work in Fishing Convention

Each Member shall adopt laws, regulations or other measures requiring that accommodation on board fishing vessels that fly its flag shall be of sufficient size and quality and appropriately equipped for the service of the vessel and the length of time fishers live on board. In particular, such measures shall address, as appropriate, the following issues:

- a. approval of plans for the construction or modification of fishing vessels in respect of accommodation;
- b. maintenance of accommodation and galley spaces with due regard to hygiene and overall safe, healthy and comfortable conditions
- c. ventilation, heating, cooling and lighting;
- d. mitigation of excessive noise and vibration;
- e. location, size, construction materials, furnishing and equipping of sleeping rooms, mess rooms and other accommodation spaces;
- f. sanitary facilities, including toilets and washing facilities, and supply of sufficient hot and cold water; and
- g. procedures for responding to complaints concerning accommodation that does not meet the requirements of this Convention.

Training Department (TD) offered its M.V. PLALUNG 1, a trawler type research and training boat as a demonstration boat as its design resembles that of typical Thai trawlers. Thus, started this three-year project of modifying the design of the M.V. PLALUNG 1 in August 2016.

Modifying the design of the M.V. PLALUNG 1

The M.V. PLALUNG 1 with length overall (LOA) of 17.5 meters and capacity of 35 GT, was acquired by SEAFDEC in 1982 and used by TD for the onboard training on fishing technology, navigation, onboard fish handling, seamanship, and marine engineering. Upon thorough investigation, modifying the design of this vessel would involve replacing the existing superstructures with larger ones that could accommodate additional navigation equipment such as RADAR, GPS, plotter, and echo sounder, as well as communication equipment (e.g. SSB and VHF). Moreover, renovations would also be made for the service area, including the galley, sleeping quarter (increasing the number of bunks to 10 to accommodate individual crew members), mess room, and toilet. After reaching an agreement on the manner of which the boat design would be modified, the renovation process took place from March to June 2017. In addition to improving the working condition and safety of the crew, the net drum for trawl net operation was installed at the stern deck behind the

Initiative of Thailand to come up with a demonstration boat that complies with C188

Recently, Thailand had been very much concerned with the need to address the pressing requirements with regards to labor in the fisheries sector. Although Thailand has not yet ratified C188, the country has been exerting efforts to comply, wherever possible and practical, with the requirements and provisions stipulated in C188. Construction of a “demonstration boat” was one of the approaches to enhance the country’s compliance to C188, together with the application of best practices in fishing, protection of the ocean ecosystems, as well as in ensuring the safety, legality, and dignity of fishing boat workers in Thai waters. The project which aims to come up with a demonstration boat was therefore initiated by the Department of Fisheries (DOF) of Thailand in cooperation with the private sector, i.e. the Thai Union Group and Nestlé Thailand that agreed to provide financial assistance to the project. In support of the initiative of Thailand, SEAFDEC



The M.V. PLALUNG 1 prior to (left) and after the renovation (right)

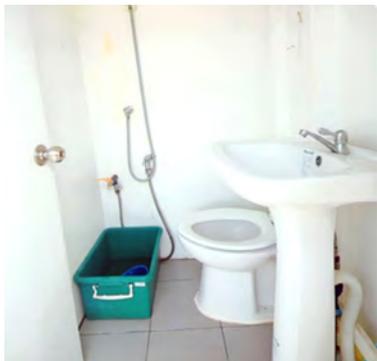
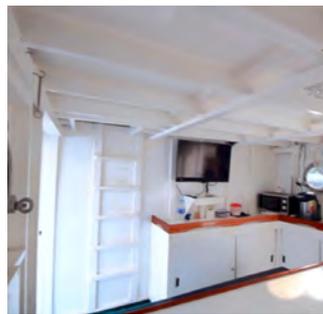
superstructure to facilitate retrieving of trawl net with minimal number of fishing crew. A sewage tank was also installed in the engine room to treat all wastes onboard prior to disposal.

The parties also agreed that after modifying the design of the M.V. PLALUNG 1, SEAFDEC would support the conduct of training on safety at sea and energy optimization; while the Verité, a global, independent, non-profit organization, would support the training on labor and human rights aspect. During the first demonstration and training for fishers in Thailand conducted during 30 November - 4 December 2017 in Trat Province in the Eastern Gulf of Thailand, important issues were expressed by the fisher-trainees, e.g. the size of the superstructure is considerably large for the size of the boat. Nevertheless, the M.V. PLALUNG 1 demonstrated its capability in accommodating the requirements in C188 despite its small size, and where fishing operations could be effectively undertaken after repositioning the installation of the equipment. Thus, for typical trawlers larger than

this aforementioned demonstration boat, there should be no technical difficulty in modifying the design that would promote improved working condition and safety at sea of fishers as well as the vessel crew members.

Inauguration of demonstration boat M.V. PLALUNG 1

Inauguration of the demonstration boat M.V. PLALUNG 1 was held on 28 February 2018 at TD in Samut Prakan, Thailand. The ceremony was opened by the Director-General of Department of Fisheries (DOF) of Thailand and the representatives from Thai Union Group PCL and Nestle. The Renovation of M.V. PLALUNG 1 as a Demonstration Boat was a joint project of the DOF of Thailand, SEAFDEC, Thai Union Group, and Nestle. Thus, the Project was implemented to address labor issues in fishing operations, especially the need to recognize and treat labor in acceptable standards, as well as to improve fishing technologies, and guarantee the welfare of the crew members while sustaining their livelihoods.



Renovation of the sleeping quarter, mess room, toilet, and galley in compliance with C188



SEAFDEC Secretary-General, Dr. Kom Silapajarn and honorable guests during the inauguration of demonstration boat M.V. PLALUNG 1

For further information on the demonstration boat project, please contact: *Mr. Nobphadol Somjit* at nobph@seafdec.org.



REGIONAL PROGRAMS

IFRDMD conducts research in Mekong River and the Red River

With the objective of improving inland fisheries data collection for development of management measures, SEAFDEC/IFRDMD conducted a research in the Mekong River at Ban Ang Gnai, Lao PDR, and the Red River at Ha Noi, Viet Nam in February and March 2018, respectively.



MRC and IFRDMD staff during the discussion and interview

In Ban Ang Gnai, Lao PDR, river fisheries are undertaken mostly by local communities, each fishing in their area. The Mekong River and its main tributaries are essential when it comes to fish migration. The IFRDMD researchers, in collaboration with officers from the Department of Livestock and Fisheries of Lao PDR, explored the ways of developing suitable habitat conservation/resources enhancement measures. Information were collected from the country's Fisheries Division regarding the current issues related to inland fisheries in Lao PDR including

the history and the current situation of the inland fisheries in the country. Moreover, the IFRDMD staff interviewed the fishers who had been fishing in the Mekong for 15 years using gillnet and hook and line. The common catch is catfish, which is sold to local restaurants and consumed by their family members.

Additionally, Ban Ang Gnai area is a conservation zone that also serves as a tourist attraction. The tourist guide uses gongs to call the fish, and the tourists give food to the fish. The conservation

zone is built behind the temple, and the area is well preserved because residents and tourists respect the monks who are keeping watch of this zone.

The Red River is another main river of Viet Nam, in addition to Mekong River. It serves as an important source of food and incomes of three fishing communities who are poor and have limited financial resources for fishing activities; and thus this was selected as another site for data collection on inland capture fisheries.



IFRDMD staff participate in the MRC training

IFRDMD staff participated in the “Training on Fisheries Database Management and Data Analysis” in Hanoi, Viet Nam on 26-27 February 2018, hosted by the Mekong River Commission (MRC). The objective of the Training was to understand the basic needs for conducting fisheries surveys, methods of storage and extraction of data, analyzing data using basic and multivariate analysis techniques, and provide advice on interpretation and reporting. The resource persons were *Prof. Ian G. Cowx* (Hull University, England) and *Peng Ngorby* (MRC). The participants comprised the staff from the National Environmental Division of Cambodia, Lao PDR, Viet Nam, and Thailand, and researchers from IFRDMD. MRC has a great deal of knowledge and experience on inland waters, particularly inland capture fisheries management in the Lower Mekong area through their active and



devoted studies for a long period of time. During the Training, participants practiced to analyze, interpret, and report the national databases on inland capture fisheries monitoring, *i.e.* fish abundance and diversity, by using the software Primer. The resource

persons demonstrated the process and related functions of the Primer and introduced the species composition and abundance analysis, diversity indices, and cluster analysis. Each participant made a graphical presentation of data and interpretation of outputs.



SEAFDEC participates in the Embassy of Sweden's Annual Regional Workshop



The Embassy of Sweden's Annual Regional Workshop was organized in collaboration with the United Nations Economic and Social Commission for Asia and the Pacific (ESCAP) on 26-27 March 2018 in Bangkok, Thailand with the theme "Building resilience through participation." The objective was to highlight the importance of inclusiveness in achieving resilience and the Sustainable Development Goals. There were approximately 155 participants from the Embassy of Sweden, relevant international/regional organizations, government agencies, donor agencies, INGOs, NGOs, private sectors, local people and media. Two staff represented SEAFDEC: the SEAFDEC Gender Focal Point *Ms. Jariya Sornkliang*, and the Gulf of Thailand Sub-region Coordinator *Ms. Saisunee Chaksuin*.

The Workshop agreed that Resilience is key to sustainable development in Asia and the Pacific. Communities are the "first responders" to risks and shocks. The risks to people in the region are not distributed or shared equally across groups in the societies. Women, people in poverty and those who are marginalized and vulnerable, are disproportionately affected by risks and the lack of resilience in communities, societies or regions. While the Asia-Pacific region is, by many accounts, the most risk-prone part of the world, the region is at the same time in the position to be a world-leader in resilience-building and to spear-head participatory approaches for sustainable development and the fulfilment of the Agenda 2030. ❖

SEAFDEC takes part in labor-related meetings



Participation in the Regional Technical Seminar on Joining Forces in the Fisheries Sector: promoting safety, decent work and the fight against IUU fishing

International Fisheries Policy Expert *Dr. Jacob Hagberg* represented SEAFDEC during two labor-related events. The first event was the "Regional Technical Seminar on Joining Forces in the Fisheries Sector: promoting safety, decent work and the fight against IUU fishing," which was organized by FAO, Apostleship of the Sea, International Labour Organization (ILO), and International Maritime Organization (IMO) from 21 to 22 March 2018 in Manila, Philippines. At this Seminar, the SEAFDEC representative gave a presentation on the outcomes from the regional dialogues on labour conditions in Fisheries and SEAFDEC initiatives with relevance to labour issues which was organized by SEAFDEC-Sweden Project in 2016.

The second event was the "Consultative Forum on Regional



Cooperation Against Human Trafficking, Labour Exploitation, and Slavery at Sea," which was convened on 27-28 March 2018 in Bali, Indonesia. Organized by the ILO SEA Project, the Forum strengthened coordination to combat labor exploitation and trafficking in fisheries in Southeast Asia. The main objectives of the Forum were to build consensus on the mandate, structure, and role of the Regional Cooperation Mechanism, and to identify priority areas of action with regards to human trafficking, labor exploitation, and slavery at sea. At this Forum, SEAFDEC-Sweden Project promoted the relevance of the current work to set up a Monitoring, Control, and Surveillance (MCS) network where regional coordination of labor would be brought into the current MCS process to handle labor issues within this network. ❖

SEAFDEC takes part in the 14th Meeting of the ASEAN Working Group on the CITES and Wildlife Enforcement

On 20-22 March 2018, *Dr. Worawit Wanchana*, represented SEAFDEC during the "14th Meeting of the ASEAN Working Group on the Convention on International Trade in Endangered Species on Wild Fauna and Flora (CITES) and Wildlife Enforcement" held in Luang Prabang, Lao PDR hosted by the ASEAN Secretariat. He presented the current issues with regards to endangered aquatic species in the region. His presentation also included the ongoing SEAFDEC regional

initiatives related to the development of ASEAN coordinated positions on CITES species, international fisheries-related issues, regional technical supports on commercially exploited aquatic species, etc. Moreover, the Meeting discussed among the ASEAN Member States and other organizations about the regional activities in wildlife enforcement, strengthening the ASEAN Wildlife Enforcement Network, and partnership with international organizations. ❖

Capacity building on PSM arranged

TD in collaboration with the Food and Agriculture Organization of the United Nations (FAO) and the U.S. National Oceanic and Atmospheric Administration (NOAA), organized the “Regional Training on Port State Measures Implementation in Southeast Asia” during 20-23 February 2018 in Bangkok, Thailand. There were 46 fisheries managers from SEAFDEC Member Countries except from Lao PDR, who participated in the activity. The Training focused on: 1) preparation of national legal aspects, policy, and institution of PSM implementation; 2) PSM inspection of vessels; and 3) lessons learned from PSM implementation in Thailand. The Training came up with better understanding of the implementation of PSM in the Member Countries, increased knowledge on PSM and relevant activities as tool to combat IUU Fishing, the situation and preparation for PSM implementation in the region, ways to practical improvement of PSM, and cooperation to support the implementation of PSM in the region. ✂



Survey on fisheries, fish market, and gender in Myanmar conducted

TD in collaboration with the Department of Fisheries, Myanmar under the support of SEAFDEC-Sweden Project conducted the survey on integrated gender dimension including social profile, livelihood opportunities, and market channels in Pu Lone Tone Village, Kawthaung, Myanmar from 19 to 26 January 2018. The aim of the survey was to review the fish distribution from small-scale fisheries in Pu Lone Tone Village to the fish market in Ranong Province, Thailand and integrate gender dimension at the same time. The survey

Practical Workshop on Tuna Stock Assessment in Sulu and Sulawesi Seas organized



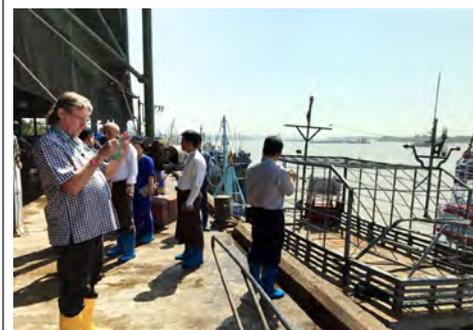
TD organized the “Practical Workshop on Tuna Stock Assessment for Yellowfin Tuna, Bigeye Tuna and Skipjack Tuna Resources in Sulu and Sulawesi Seas (SSSs)” which focused on CPUE standardization, Stock Assessments (ASPIC), and Kobe Plot (Stock Status Trajectory Plot). The Workshop was organized from 21 to 24 February 2018 in Kota Kinabalu, Sabah, Malaysia and attended by eight participants from Indonesia, Malaysia, and MFRDMD. The Workshop was aimed at developing human resources on stock assessment through collection of relevant information on yellowfin, bigeye, and skipjack tunas in SSSs, and came up with the understanding of the steps in tuna stock assessments in SSSs. Moreover, the Workshop came up with recommendations for future activity on stock assessment under the Joint Program on Tuna Research in Sulu and Sulawesi Seas during 2019-2025. ✂



During the survey and interview

methodologies used were individual interview using questionnaires, Key Informant Interview (KII), and Focus Group Discussion (FGD). ✂

Courtesy visit of SEAFDEC to the Department of Fisheries in Myanmar



The SEAFDEC-Sweden Project team paid a courtesy visit to the Director-General of the Department of Fisheries *Mr. Khin Maung Maw* and his staff on 30 January 2018 in Nay Pyi Taw, Myanmar. During the visit, the team presented the progress and work plan for 2018 of the SEAFDEC-Sweden Project that focus on strengthening bilateral cooperation and management of transboundary species (anchovy, mackerel, blue swimming crab, and neritic tuna) between Myanmar and Thailand, including establishment of monitoring, control, and surveillance (MCS) network in the northern Andaman Sea.

In addition, the SEAFDEC-Sweden Project team also informed the updated of Project to the Danish Program team in Myanmar. During the discussion the areas of cooperation were identified such as on capacity building on fisheries management that would cover fishing capacity, mapping of transboundary fishery resources, gender, human rights, etc.

On the next day, the team visited Yangon Region Fisheries Office to discuss the current effort of Myanmar in establishing a One Stop Service (OSS) for the registration and control of port in-port out movement of fishing vessels. OSS was established through the coordination among relevant governmental agencies in Myanmar that deal with fisheries, immigration, customs, and marine affairs. ✂

SEAFDEC TWG for USAID Oceans participates in SFW Workshop

The SEAFDEC and the U.S. Agency for International Development Oceans and Fisheries Partnership (USAID Oceans) are working together on strengthening regional cooperation to promote sustainable fisheries across Southeast Asia's diverse marine ecosystem. Under such collaborative framework, the Technical Working Group (TWG) from SEAFDEC Training Department participated in the "Seafood Watch Standard and Assessment Methodology Workshop" organized by the USAID Oceans in collaboration with Monterey Bay Aquarium, Seafood Watch (SFW), Fisheries Resources Directorate, Ministry of Maritime Affairs and Fisheries (MMAF), and partners from 13 to 14 February 2018 in Manado, Indonesia. The two-day Workshop aimed to link Seafood Watch standards and human rights; increase awareness

and capacity of key fishery managers, industry stakeholders, and government to use Seafood Watch assessment methodology and improvement tools to better manage their fisheries; and discuss the improvement plans between industry and government to meet the Seafood Watch "Best Choice" and "Good Alternative" bars. A total of 47 participants who are stakeholders and representatives from the Public Private Partnership (PPP) attended the Workshop, which enhanced the understanding of the procedures on assessment methodology and the slavery risk tool to support the implementation of Catch Documentation and Traceability (CDT), EAFM activities and human welfare activities in demonstration and extension sites. The SFW program is part of the Monterey Bay Aquarium as a nonprofit organization that to



inspires conservation of the oceans and empowers consumers and businesses to choose seafood fished or farmed using responsible methods that protect sea life and habitats, now and for the future generations. Moreover, SWF widely recognizes and respects science-based recommendations, indicating which seafood items are considered Best Choice or Good Alternative, and which ones to avoid. ❖

TD conducts monitoring and facilitation of the CBRM/ co-management in Lao PDR

The SEAFDEC Training Department conducted the monitoring and facilitation of the CBRM/Co-management at the pilot site in Nam Xouang Reservoir, Lao PDR from 29 January to 3 February 2018. The activities included: 1) training for local government officers to increase their knowledge on fisheries management; 2) workshop for the unification of fisheries rules and regulations in Phone Hong and Naxaythong Districts that will be applicable to Nam Xouang Reservoir; 3) discussion and sharing of experiences on CBRM/Co-management project with the researchers from SEAFDEC/IFRDMD; and 4) introduction of the project to intern students from the University of Tokyo, Japan.



During the discussion and sharing experiences on CBRM/co-management project with researchers

coming workshop. For the workshop part, the participants were 45 FMCs (7 women and 38 men) from the two Districts.

For the training part, 25 participants (8 women and 17 men) all local officers from Phone Hong and Naxaythong Districts, attended. The training aimed to provide knowledge and experiences on fisheries management to local officers, who would be the facilitators and transfer the knowledge to the Fisheries Management Committees (FMCs) in the

The workshop aimed to combine the rules and regulations from two Districts for more effective management in Nam Xouang Reservoir with the participation of key stakeholders. The output from this activity was the participation and the unification of the rules and regulations for two FMCs for effective fishery management in Nam Xouang Reservoir. ❖

SEAFDEC enhances capacity of Vietnamese fisheries officers on fish handling

TD conducted the "On-site Training Course on Proper Fish Handling Techniques Applicable to Local Fishing Vessels in Viet Nam" during 23-25 January 2018. There were 20 fisheries officers who participated in the Training Course. The objectives of the Training Course were to enhance the knowledge and practical skills on the reduction of post-harvest losses considering the importance of appropriate fish handling practice and hygiene onboard, technical information and knowledge related to preserving fish at a premium level for direct human consumption, as well as to reduce post-harvest losses and trash fish from unloading, storage, and transportation onboard until unloading at landing site. ❖



FUTURE ACTIVITIES

Date	Venue	Title	Organizer(s)
2018			
2-5 April	Brunei Darussalam	3 rd On-site Training and Kick-off Pilot Testing for eACDS	Secretariat
4-5 April	Bangkok, Thailand	Technical Experts Meeting on Management of Transboundary Species for the Southern Andaman Sea	SEAFDEC-Sweden
4-5 April	Jakarta, Indonesia	CTI-CFF Public-Private Partnership (PPP) Preparation: Expert consultation Meeting on PPP Design and Arrangement	CTI-CFF
5-20 April	TMS, Iloilo, Philippines	Training Course on Sandfish <i>Holothuria scabra</i> Seed Production, Nursery and Management	AOD
9-13 April	Nadi, Fiji	34 th FAO Regional Conference for Asia and the Pacific	FAO/RAP
10 April	Samut Prakan, Thailand	Technical Meeting on Sharks and Rays Data Collection Planning 2018-2019	TD
16-20 April	BFS, Rizal, Philippines	Training Course on Carp Hatchery and Grow-out Operations	AOD
18-19 April	Singapore	End-of-Project Meeting on Cold Chain Management of Seafood	MFRD
18-20 April	London, UK	CITES International Technical Workshop on Eels (<i>Anguilla</i> spp.)	CITES
24-26 April	Bangkok, Thailand	Regional Technical Meeting on Fisheries Resources Enhancement in Southeast Asia	TD
27 April	Bangkok, Thailand	SEAFDEC-Sweden Annual Progress Meeting	SEAFDEC-Sweden
7-8 May	Bangkok, Thailand	10 th Meeting of the ASEAN Fisheries Consultative Forum (AFCF)	ASEAN
7-9 May	Malaysia	Workshop for Preparation of Terminal Report for the IDB Project and Proposal for the New JAIF Project	MFRDMD
9-12 May	Bangkok, Thailand	26 th Meeting of the ASEAN Sectoral Working Group on Fisheries (ASWGF)	ASEAN
9-25 May	TMS, Iloilo, Philippines	Training Course on Abalone Hatchery and Grow-out	AOD
11-13 May	Cebu, Philippines	35 th Session of Asia-Pacific Fishery Commission (APFIC)	APFIC
14-18 May	Surat Thani, Thailand	Training Course on Sustainable Fisheries Management through Ecosystem Approach	TD
14-18 May	BFS, Rizal, Philippines	Training Course on Freshwater Prawn Hatchery and Grow-out Operations	AOD
17 May	Bangkok, Thailand	Workshop on Regional Database on Alternative Feed Ingredients in Aquaculture	AOD
7-8 June	Bangkok, Thailand	International Technical Workshop on Tropical Anguillid Eels in Southeast Asia	Secretariat
12-13 June	Danang, Viet Nam	Bilateral Technical Meeting Between Thailand and Viet Nam	SEAFDEC-Sweden
18-22 June	BFS, Rizal, Philippines	Training Course on Tilapia Hatchery and Grow-out Operations	AOD
19 Jun-25 Jul	BFS, Iloilo, Philippines	Training Course on Marine Fish Hatchery	AOD
20-22 June	Bangkok, Thailand	Regional Technical Consultation on International Fisheries-related Issues	Secretariat
26-28 June	Maldives	29 th Governing Council Meeting of the Network of Aquaculture Centres in Asia Pacific (NACA)	NACA
9-13 July	Rome, Italy	33 rd Session of the Committee on Fisheries (COFI)	FAO
16-21 July	Geneva, Switzerland	Animal Committee Meeting of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES)	CITES
17-19 July	Kuala Lumpur, Malaysia	31 st INFOFISH Technical and Advisory Board (TAB) Meeting	INFOFISH
13-17 August	BFS, Rizal, Philippines	Training Course on Tilapia Hatchery and Grow-out Operations	AOD
13 Aug-3 Sep	TMS, Iloilo, Philippines	Training Course on Mangrove Crab Hatchery and Nursery Operations	AOD
20-24 August	TMS, Iloilo, Philippines	Training Course on Catfish Hatchery and Grow-out Operations	AOD
10-14 September	BFS, Rizal, Philippines	Training Course on Freshwater Prawn Hatchery and Grow-out Operations	AOD
17-26 September	TMS, Iloilo, Philippines	Training Course on Mangrove Crab Nursery and Grow-out Operations	AOD
8-10 October	Kuala Lumpur, Malaysia	Core Expert Meeting on Data Collection, Taxonomy, Biology, Marketing and Trade of Sharks and Rays in the Southeast Asian Region	MFRDMD

Survey on construction and design of FADs in the Andaman Sea conducted

TD conducted the survey on the construction and design of Fish Aggregating Devices (FADs) for small-scale fisheries along the coast of the Andaman Sea which covers five provinces, namely: Ranong, Phang Nga, Phuket, Trang, and Satun from 19 to 31 January 2018. The aim of the survey was to determine the significant factors that could contribute to the construction and design of FADs appropriate for different fishing grounds. The survey came up with: 1) guide on the design and factors to be considered in installing FADs and appropriate management for effective FADs (types/factors, design, construction, and management); 2) mapping of significant fishing grounds and habitats with FADs along the coast of the Andaman Sea; and 3) reference, knowledge, skills, and experiences to support capacity building on promoting FADs in Southeast Asia. ❏



Terminal RTC on Enhancing Coastal Community Resilience for Sustainable Livelihood and Coastal Resources Management organized

(Continued from Page 16)

coastal communities. The main issues encountered during the project implementation included: 1) the availability of fishers; 2) availability of Malay speaking trainers and lecturers; 3) availability of equipment and facilities for practical/hands-on session; 4) limited skills in seafood production and marketing; 5) limited capital, access to funding and business management; and 6) the project scope which only cover capacity building program. The project resulted in significant impacts to target communities, *i.e.*: 1) reduced engine breakdown time and 30% savings for repair and maintenance of outboard engines, 2) production increased by three folds, 3) a seaweed product that had been accredited and licensed, 4) establishment of new small-scale entrepreneurs in fisheries business, 5) reduced 50% of production cost for fiberglass vessels, and 6) decreased cost and time for fishing trips. The participants agreed to continue the project activities using allocations from their respective countries. The participants also agreed that SEAFDEC will apply for JAIF funds so that similar activities could be implemented in other ASEAN Member States. ❏

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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Layout: Sunutta Pudtal

SEAFDEC welcomes the new Deputy Secretary-General and Deputy Department Chief

SEAFDEC recently welcomed *Mr. Tetsuya Kawashima* as the new Deputy Secretary-General of SEAFDEC and Deputy Chief of SEAFDEC Training Department, succeeding *Dr. Kaoru Ishii* who had served as the SEAFDEC Deputy Secretary-General and Deputy Chief of TD from 1 April 2016 to 31 December 2017. *Mr. Kawashima* served as the Deputy Secretary-General and Deputy Chief of TD for 4 months from 1 January 2018 to 30 April 2018.



Mr. Tetsuya Kawashima, *SEAFDEC Deputy Secretary-General (Jan-April 2018)* (left); and Mr. Akito Sato *nominated as Deputy Secretary-General starting May 2018* (right)

To support smooth operation of SEAFDEC, the Government of Japan nominated *Mr. Akito Sato* to succeed *Mr. Kawashima* as new Deputy Secretary-General and Deputy Chief of TD from 1 May 2018 to 31 March 2020. However, this is not the first time of *Mr. Sato* at SEAFDEC. In 2009-2011, *Mr. Sato* served as Assistant Trust Fund Manager at SEAFDEC Secretariat, where he assisted in the coordination and cooperation with the Government of Japan with regard to planning and implementation of SEAFDEC programs and projects under the Japanese Trust Fund. After working at SEAFDEC, he was in charge of financial and

technical support for local governments, fisheries cooperatives and fish processing companies to recover from damage due to the Great East Japan Earthquake, and then in charge of promoting a variety of regional revitalization projects through distribution of necessary fiscal/ financial supports, tax reduction and so on at the Cabinet Office of Japan. It is therefore believed that his experience would help guiding SEAFDEC in the implementation of its programs and projects for the benefit of all Member Countries in the future.

Meanwhile, at SEAFDEC/IFRDMD, *Dr. Takuro Shibuno* started his term as the Deputy Department Chief and Japanese



The Deputy Chief of IFRDMD, Dr. Takuro Shibuno

Trust Fund Co-Manager on 15 January 2018. *Dr. Shibuno* was appointed by the Government of Japan to succeed *Dr. Satoshi Honda* whose term of duty at IFRDMD ended in September 2017. A scientist at the Fisheries Research Agency (FRA) of Japan with expertise on ecology of reef fishes, *Dr. Shibuno's* last post prior to moving to IFRDMD was as Director of the Research Center for Aquaculture System at National Research Institute of Aquaculture (2016-2018). He began his career as a researcher in the Resources Management Division, Seikai National Fisheries Research Institute. In 2014-2016, he served as Deputy Chief and Co-Trust Fund Project Manager at SEAFDEC/AQD. His knowledge and expertise in research would surely contribute greatly to the programs and activities of IFRDMD. 

Terminal RTC on Enhancing Coastal Community Resilience for Sustainable Livelihood and Coastal Resources Management organized

The “Terminal Regional Technical Consultation on Enhancing Coastal Community Resilience for Sustainable Livelihood and Coastal Resources Management” was organized by SEAFDEC/MFRDMD and hosted by the Department of Fisheries (DOF) of Brunei Darussalam in Bandar Seri Begawan from 20-22 March 2018. The Consultation was officially opened by *Mr. Hj. Abdul Halidi Mohd Salleh*, the Director of DOF Brunei Darussalam and SEAFDEC Council Director for Brunei Darussalam. The Consultation was attended by the the Chief and officials from MFRDMD and the Islamic Development Bank (IDB), project participants and community leaders from Brunei Darussalam, Indonesia, and Malaysia. Although Cambodia, Philippines, Thailand, and Viet Nam



Participants in Terminal RTC on Enhancing Coastal Community Resilience for Sustainable Livelihood and Coastal Resources Management

were not involved in the implementation of IDB project, their representatives also attended the Consultation to learn the lessons from participating Muslim communities of Brunei Darussalam, Indonesia, and Malaysia. The participants

from the three participating countries presented the status of project implementation, issues encountered during project implementation, and the impact of the project to the selected

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