



## TD Activities

### TD and NATC COLLABORATION IN FISHING TECHNOLOGY TRAININGS



The Training Department, in collaboration with Malaysia's National Agriculture Training Council (NATC), organized three tailor-made training courses for fisheries officers in: 1) line fishing; 2) purse

seine fishing; and 3) trawl fishing. All these training courses were held in Malaysia.

The training course on line fishing was conducted in Labuan, Malaysia from 26 September to 3 October 2011. It dealt with the line fishing technology and practices, considered useful for fishing technologists, and fishing instructors as well as fishing operators. Fifteen fisheries officers from the Department of Fisheries, Malaysia participated in the course. During the course they went through the entire process of longline fishing technology, i.e., fishing gear materials, construction of longline and its accessories, bottom and tuna longline design, practice on longline assembly. To put all these theoretical aspects into practice, the trainees were also given shipboard training, during which each trainee was required to handle the fishing operation at sea.

The second training course on purse seine fishing was conducted in Lumut, Malaysia from 17 to 27 October 2011.

Fishing technologies and practices relevant to the need of both fishing technologists, fishing instructors and operators were included in the training course. Central to the purse seine fishing technology, the training course dealt with materials for the fishing gear, construction of purse seine and its accessories, designing of bottom and tuna purse seines, practice on purse seine construction. As the first training course, the training was concluded by shipboard training to provide a hand-on application to the trainees.

The third training course on trawl fishing was conducted from 10 to 17 November 2011 in Kampong Ache, Malaysia. A total of 15 Malaysian fisheries officers participated in the course that taught the entire process of trawl fishing technology—materials for trawl net, construction of trawl net and its accessories, trawl net designs, and trawl fishing operation. The trainees were also given a shipboard training where they were required to put all their classroom learning into practice at sea.



This collaboration between SEAFDEC and Malaysia was covered by a Memorandum of Understanding that agreed on having the NATC financial support to the training courses.

### FISHING VESSEL OPERATIONS TRAINING COURSE



Training Department in collaboration with the Vocational Education Commission of Thailand organized a four-month Training Course on Fishing Vessel Operations from 3 October 2011 to 24 February 2012. Nine students from Tinsulanonda Fisheries College, Songkhla Province attended the training course which aimed to provide skills to students and share with them the relevant experiences and skills which they can use for their work in the future. The training course consisted of six subjects, namely: ship construction and stability, marine communication, laws and regulations of navigation, navigation technology practices, marine machinery technology and practices, and fishing gear technology and practices. Moreover, as part of the practical session, the students also had opportunity to conduct hands-on practice

onboard the M.V. SEAFDEC and the M.V. Plalung, and had a study visit to various shipping facilities relevant to the training subjects to enhance their experience which is necessary for the future career.

## TD AND MFRDMD JOINT ORGANIZED THE REGIONAL CORE EXPERTS MEETING IN THAILAND



The Regional Core Experts Meeting on Fishing License, Boats Registration and Information on Export of Fisheries Products in Southeast Asia was organized by SEAFDEC, the Training Department (TD) in collaborative with the Marine Fishery Resources Development and Management Department (MFRDMD) from 4 to 7 October 2011 in Bangkok, Thailand. Thirty-five participants who are representative from Brunei Darussalam, Indonesia, Lao PDR, Malaysia, Myanmar, Philippines, Thailand, and Vietnam as well as from the SEAFDEC Secretariat, TD and MFRDMD attended in the Meeting.

The meeting was opened by Deputy Secretary-General of SEAFDEC, Mr. Kenji Matsumoto. This Core Experts Meeting is the activity under project title: Promotion of Fishing License, Boats Registration and Port State Measures which is program under ASEAN-SEAFDEC Strategic Partnership and FCG Mechanism with the support from Japanese Government. The main meeting objectives are discussion on recommendation and minimum requirement to develop the regional guidelines on Fishing License and Boats Registration and on preventing IUU fishing and trading of IUU fish and fishery products in the region.

## CRITICAL FISHING GROUND AND HABITAT REHABILITATION WORKSHOP



Thirty-three participants who are representatives from SEAFDEC Member Countries attended the Regional Workshop/Expert Consultation on the Identification of Critical Fishing Grounds and

on Regional Habitat Rehabilitation and Management Approach from 11 to 13 October 2011 in Bangkok, Thailand. This workshop was organized by the Training Department (TD)

The objectives of this workshop are updating of information on the existing critical fishing grounds in Southeast Asian region, identification of appropriate and effective resources enhancement tools, measures and rehabilitation plan for various fishing grounds and fishery habitats, sharing of the updated information and experiences on the critical fishing grounds aspects and to strengthen the collaboration and cooperation among SEAFDEC member countries and formulating of strategies and actions plan in rehabilitating the selected critical fishing grounds and coastal habitat particularly through the applicable practice of responsible fisheries in order to achieve sustainable coastal fisheries and environment friendly aspects.

During the workshop, participants discussed and brainstormed on the information needed for identification of critical fishing ground and related issues, problems and barriers of the implementation of the critical fishing ground management, and implementation Plans of Actions on the Regional Habitat Rehabilitation and Management Approach. The inputs of lesson-learned, discussion and brainstorming will fully contribute to identify critical fishing grounds, fisheries habitats and to find out the way to proper management and rehabilitation plans of fishing grounds and habitats in ASEAN member countries.

## TD ORGANIZED WORKSHOP FOCUSING SAFETY AT SEA AND ENERGY SAVINGS

The 3<sup>rd</sup> Regional Technical Workshop on Safety at Sea and Optimizing Energy Use for Small Fishing Boats was organized at the Training Department (TD), Samut Prakan,



Thailand. The workshop focused safety at sea and energy optimization for personnel of SEAFDEC member countries. This 4-day training that was carried out 19-22 December 2011 accentuated the establishment of agreeable mechanisms for documenting maritime accidents that occurred aboard fishing vessels. The workshop also delved into the improvement of working conditions of small fishing boat operators as well as ways and means to optimize the energy used in small fishing boats in the Region.

The workshop succeeded in accomplishing what the organizers anticipated, as all 64 participants from SEAFDEC member countries, SEAFDEC Departments and certain international organizations actively worked toward the goals. Their proud outputs: 1) information on various endeavors to ensure safety at sea of small fishing boats was updated; 2) the minimum safety requirements and working standards on fishing boats and for fishers have been compiled and compared; 3) inference on mechanisms and system for documenting accidents at sea of small fishing boats has been reached; 4) key issues on energy optimization for small fishing boats have been agreed for possible introduction and implementation; 5) agreement on a regional guidelines has been reached; 6) materials for training and awareness building have been compiled; and 7) a plan for the establishment of a safety at sea network, and small fishing boats' energy optimization has been formulated.

## CAPACITY BUILDING FOR THAI AND JAPANESE UNIVERSITY STUDENTS

The Training Department (TD) organized the University Student Training Course under the title of "Utilization, Conservation and Environment Friendly for Sustainable Fishery Resource" from 19 to 29 October 2011 at the Training Department in Samut Prakarn, with 43 students from six universities in Thailand and 8 students from two universities in Japan who study in fisheries attended in the training course. The training course aimed to develop the skills of the students in responsible fishing operations and also establishment of network between students from different university. As part of the training course, the students were conducted on a study tour and taught the various aspects of the utilization of fishery resources and sustainable development. Moreover, practical sessions on fishing operations using gill net, collapsible crab trap and oceanography were done at sea in Samut Prakarn and Rayong Province. TD hopes that the students can apply the new experience from the training course to their work in the future.



## TD TRAINING COURSE ON ECOSYSTEM APPROACH TO FISHERIES



The SEAFDEC Training Department has scheduled its training course on Ecosystem Approach to Fisheries to be held from 22 November to 16 December 2011 at its Smut Prakarn Office in Thailand. As a regional training course, it has been designed to meet the fisheries management needs of SEAFDEC member countries. As of now, a total of nineteen fisheries and fisheries extension officers responsible for fisheries resource management have registered to attend the course.

The areas of human capacity and environmental awareness are the two principal themes to be expounded during the training course, with the emphasis on the impacts of IUU fishing on maritime ecosystem. Responsible fishing practices, the concepts of ecosystem management and approach to fisheries will be addressed. Extension methodologies and techniques that include communication and media production will be a part of the teaching and practice.

At the end of the training course, each trainee is expected to be conversant with the concepts, and able to formulate fisheries management policies and strategies aiming at the goal of sustainable fisheries development in the ASEAN region.

## TD Plan of Seminar, Workshop, Meeting and Training

January – March 2012

Period	Activity
<b>January</b>	
14 January	Children's Day Exhibition
30 January – 1 February	Regional Workshop on Putting into practice the FAO Technical Guidelines on MPAs and Fisheries : MPAs as a potential management tool for sustainable fisheries in South and South East Asian at Jasmine City Hotel, Bangkok, Thailand <a href="#">More Detail &gt;&gt;&gt;</a>
<b>February</b>	
2-3 February	Regional Workshop on Promotion of Strategic Implementation of Fisheries Co-management and Rights-Based Fisheries for Enhancing Good Governance in Coastal and Inland Fisheries Management at Jasmine City Hotel, Bangkok, Thailand <a href="#">More Detail &gt;&gt;&gt;</a>
14 February	On-site Training Program on Environmental/User Friendly Fish Handling and Preservation Technique: Ice Slurry System Onboard Fishing Boats, Phuyen Province, Vietnam
15-24 February	Tailor-made The Training course on Evaluation of waterfront environment in monsoon Asia (Kagoshima University)
19-23 February	Study on Impact of Squid Fishing on Bycatch of Juvenile of Commercial Important Fish Species in KowThaung, Myanmar
27-29 February	National Training on Improvement of Data Collection for Tuna Gillnet and Purse Seine Fisheries in Vietnam, Binh Ding, Vietnam
<b>March</b>	
5-16 March	Regional Training Course and Practical Workshop on Monitoring Control and Surveillance (MCS) in Combating IUU fishing in Southeast Asia Region
12-16 March	Fishing Trial and Demonstration to Promote the Use of Circle-hook in Bottom Longline Fishing, Sabah, Malaysia
Tentative	The 2 <sup>nd</sup> Regional Expert Meeting on Development of Regional Guidelines on Fishing License, Boats Registration and/or Port State Measures in Southeast Asia