

SEAFDEC

Information Catalogue



Southeast Asian Fisheries Development Center

SEC/CIR/21

September 2017

About SEAFDEC

The Southeast Asian Fisheries Development Center (SEAFDEC) is an intergovernmental organization established in December 1967 to promote sustainable fisheries development in the Southeast Asian region through research, training and information services.

SEAFDEC comprises the Secretariat as its administrative arm, and five technical departments, namely: the Training Department (TD), the Marine Fisheries Research Department (MFRD), the Aquaculture Department (AQD), the Marine Fishery Resources Development and Management Department (MFRDMD), and the Inland Fishery Resources Development and Management Department (IFRDMD).

Membership

The Member Countries of SEAFDEC are Brunei Darussalam, Cambodia, Indonesia, Japan, Lao PDR, Malaysia, Myanmar, Philippines, Singapore, Thailand and Viet Nam.

SEAFDEC Mandate

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

In achieving its mandate, SEAFDEC has been implementing programs and activities with the strategic objectives as follows:

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

SEAFDEC

Information Services

Since its establishment, SEAFDEC has published several technical and promotional materials, and provided information services for its Member/ Non-member Countries and interested users. This Information Catalogue contains the recent publications and other information materials published by SEAFDEC Secretariat and Departments up to 2017, in order to support the implementation of activities and initiatives toward sustainable fisheries development both within and outside the region, and enhance the public accessibility to SEAFDEC materials.

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How to order?

This Information Catalogue could be used as a brief guide to search for publications/materials of your interest. However, more detailed information could be directly obtained from the respective SEAFDEC Departments.

Most of the materials are available in SEAFDEC websites. For materials that are not available online, please contact the SEAFDEC Departments at the following addresses:

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5021 Iloilo, Philippines
Tel: +63-33 330 7030
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Annual Reports/Highlights

SEAFDEC Annual Report

The Report publishes activities and major achievements of SEAFDEC during the year, as well as tentative plan of activities for the following years.

By *SEAFDEC Secretariat*



SEAFDEC/MFRD Annual Highlights

Publication on the major activities and achievements of MFRD during the year

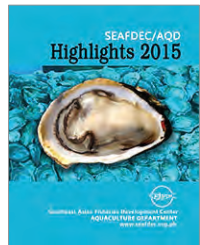
By *SEAFDEC/MFRD*



SEAFDEC/AQD Highlights

Publication on AQD's accomplishments during the year

By *SEAFDEC/AQD*



SEAFDEC/MFRDMD Highlights

Publication on MFRDMD's accomplishments during the year

By *SEAFDEC/MFRDMD*

15 Years DPPSPM/SEAFDEC-MFRDMD 1992-2007

A pictorial journal that publicizes MFRDMD's activities and achievement milestones since its establishment in 1992

By *SEAFDEC/MFRDMD*



Reports of Annual Meetings

- Report of the Forty-eighth Meeting of the Council of SEAFDEC (4-8 April 2016, Nha Trang, Viet Nam)
- Report of the Forty-ninth Meeting of the Council of SEAFDEC (3-7 April 2017, Bandar Seri Begawan, Brunei Darussalam)
- Report of the Thirty-eighth Meeting of the Program Committee of SEAFDEC (23-25 November 2015, Manila, Philippines)
- Report of the Thirty-ninth Meeting of the Program Committee of SEAFDEC (28-30 November 2016, Yogyakarta, Indonesia)
- Report of the Eighteenth Meeting of the ASEAN-SEAFDEC Fisheries Consultative Group (FCG) of the ASEAN-SEAFDEC Strategic Partnership (ASSP) (26-27 November 2015, Manila, Philippines)
- Report of the Nineteenth Meeting of the ASEAN-SEAFDEC Fisheries Consultative Group (FCG) of the ASEAN-SEAFDEC Strategic Partnership (ASSP) (1-2 December 2016, Yogyakarta, Indonesia)

All by SEAFDEC Secretariat

Newsletters/Magazines

SEAFDEC Newsletter

Newsletter published quarterly to promote activities and achievements of SEAFDEC Secretariat and Departments
By SEAFDEC Secretariat



AQD Matters

Monthly newsletter carrying news and updates of AQD's activities
By SEAFDEC/AQD



SEAFDEC Advance Fisheries Technology

Newsletter published three times a year the innovative fisheries technologies that could be applicable and useful for the Southeast Asian countries
By SEAFDEC/TD



Special Publication “Fish for the People”

“Fish for the People” is published three times a year to promote initiatives and activities in line with the issues identified in the “Resolution” and “Plan of Action” adopted at the “ASEAN-SEAFDEC Conference held in November 2001, as well as the sequel Conference held in June 2011.

By SEAFDEC Secretariat



Volume 14 Number 2



Volume 14 Number 3



Volume 15 Number 1

Regional Policy Frameworks and Guidelines

The set of outputs from the ASEAN-SEAFDEC Conference on Sustainable Fisheries for Food Security Towards 2020 “Fish for the People 2020: Adaptation to a Changing Environment” organized on 13-17 June 2011:

- Proceedings of the ASEAN-SEAFDEC Conference, Volume I: The Conference Proceedings
- Proceedings of the ASEAN-SEAFDEC Conference, Volume II: Thematic Panel Sessions



- Resolution and Plan of Action on Sustainable Fisheries for Food Security for the ASEAN Region Towards 2020

The Resolution and Plan of Action endorsed by the ASEAN-SEAFDEC Ministers and Senior Officials are envisaged to serve as policy framework and priority actions to support sustainable development of fisheries and enhancing the contribution from fisheries to food security and better livelihood of people in the region towards the coming decade.



The set of Regional Guidelines for Responsible Fisheries in Southeast Asia:

- **Regional Guidelines for Responsible Fishing Operations in Southeast Asia**
By SEAFDEC/TD
- **Regional Guidelines for Responsible Aquaculture in Southeast Asia**
By SEAFDEC/AQD
- **Regional Guidelines for Responsible Fisheries Management in Southeast Asia**
By SEAFDEC/MFRDMD and TD
- **Regional Guidelines for Responsible Post-harvest Practices and Trade in Southeast Asia**
By SEAFDEC/MFRD and Secretariat

The set of four Regional Guidelines was developed through a series of regional consultations to elaborate issues contained in the globally adopted Code of Conduct for Responsible Fisheries to support the implementation by the Southeast Asian countries.



Supplementary Guidelines on Co-Management Using Group User Rights, Fishery Statistics, Indicators and Fisheries Refugia

This 84-page Supplementary Guidelines further elaborates issues contained in the *Regional Guidelines for Responsible Fisheries Management*, i.e. Co-Management Using Group User Rights, Fishery Statistics, Indicators and Fisheries Refugia. The Guidelines is envisaged to assist the Southeast Asian countries in developing the most practical national system to improve their respective fisheries management towards responsible and sustainable fisheries.

By SEAFDEC Secretariat



Regional Guidelines for the Promotion of “One Village, One Fisheries Product” (FOVOP) in the ASEAN Region

This 31-page Guidelines is envisaged to provide better understanding for government agencies on the promotion of “One Village, One Fisheries Product” or FOVOP, as well as in the formulation of relevant policies to support the implementation of FOVOP and improve the livelihoods of fishers in the fishing communities.

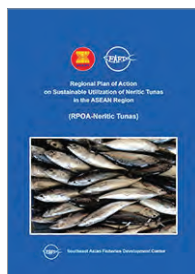
By *SEAFDEC Secretariat*



Regional Plan of Action on Sustainable Utilization of Neritic Tunas in the ASEAN Region

Several issues and action plans regarding sustainable utilization of neritic tunas in the ASEAN region are outlined to achieve objectives of: 1) determining available data and information, improving data collection and developing key indicators; 2) improving sustainable fisheries management; 3) improving sustainable interaction between fisheries and marine ecosystem; 4) improving compliance to rules and regulations and access to markets; 5) addressing social issues; and 6) Enhancing regional cooperation.

By *SEAFDEC Secretariat*



ASEAN Regional Plan of Action for the Management of Fishing Capacity

The publication contains four parts: 1) introduction on the sustainable fisheries management and the needs for RPOA-Capacity; 2) goals and objectives; 3) guiding principles in developing the RPOA-Capacity; and 4) Plan of Action. The RPOA-Capacity has been developed through the dialogues with ASEAN-SEAFDEC Member Countries such as the regional technical consultations and expert meetings.

By *SEAFDEC Secretariat*



Agreement on Port State Measures to Prevent, Deter and Eliminate Illegal, Unreported and Unregulate Fishing (in Thai)

A Translation of FAO Publication “Agreement on Port State Measures to Prevent, Deter and Eliminate Illegal, Unreported and Unregulated Fishing.”

By *SEAFDEC Secretariat*



ASEAN Guidelines for Preventing the Entry of Fish and Fishery Products From IUU Fishing Activities into the Supply Chain

The goal of the Guidelines is to enhance the credibility of the region's fish and fishery products through the promotion of good fisheries governance with the active participation of all stakeholders in decision-making processes and assuming the responsibilities for sustainable use fishery resources, and an appropriate catch documentation scheme in place.

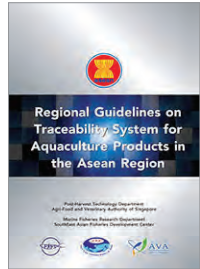
By SEAFDEC/MFRDMD



Regional Guidelines on Traceability System for Aquaculture Products in the Asian Region

The Guidelines covers a series of introductory review of the importance of traceability in the aquaculture supply chain as well as the fundamental principles behind traceability that link to the adoption of traceability systems in aquaculture supply chain in the context of the ASEAN region. A generic supply chain of aquaculture products is also included. It highlights points where traceability information is critical as well as the responsibilities of individual stakeholder to ensure that traceability along the supply chain is not broken.

By SEAFDEC/MFRD



Proceedings of the High-Level Consultation on Regional Cooperation in Sustainable Fisheries Development Towards the ASEAN Economic Community: Combating IUU Fishing and Enhancing the Competitiveness of ASEAN Fish and Fishery Products

(3 August 2016, Bangkok, Thailand)

The Joint ASEAN-SEAFDEC declaration of the senior officials of ASEAN-SEAFDEC Member Countries on regional cooperation for combating IUU Fishing and enhancing the competitiveness of ASEAN fish and fishery products and summary of the Consultation are highlighted in this publication.

By SEAFDEC Secretariat



Fishery Statistics and Information

Fishery Statistical Bulletin of Southeast Asia

Annual compilation of fishery statistics (fishery production, marine fisheries, inland fisheries, aquaculture, price of fresh fish, and fishers) from Brunei Darussalam, Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Philippines, Singapore, Thailand and Viet Nam. The Fishery Statistical Bulletin of Southeast Asia has been published for fishery statistics of 2008 onwards, while the statistics from 1978 to 2007 were compiled and published as “Fishery Statistical Bulletin for the South China Sea Area.”

By *SEAFDEC Secretariat*



Regional Framework for Fishery Statistics of Southeast Asia

The regional framework was developed through consultation process between SEAFDEC and the Southeast Asian countries as harmonized framework for compilation of regional fishery statistics from 2008 onwards. The framework also serves as a minimum requirement for countries in collection of fishery statistics to support policy, planning and management of fisheries.

By *SEAFDEC Secretariat*



Note of Completion for the Fishery Statistical Bulletin of Southeast Asia

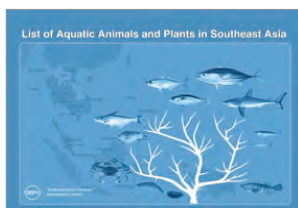
The 47-page publication provides necessary instruction to enable fishery statisticians of the Southeast Asian countries to complete the questionnaire for submission of their respective national fishery statistics to SEAFDEC for further compilation in the Fishery Statistical Bulletin of Southeast Asia.

By *SEAFDEC Secretariat*

List of Aquatic Animals and Plants in Southeast Asia

The 86-page publication aims at facilitating the collection and submission of fishery statistics by species from the countries for compilation into the regional fishery statistics bulletin.

By *SEAFDEC Secretariat*



The Southeast Asian State of Fisheries and Aquaculture 2012

The Southeast Asian State of Fisheries and Aquaculture 2017

The publication provides information on the status and trends of fisheries and aquaculture of the region based on statistics and information available in the region. In addition, also included in the publication are selected fisheries-related issues/challenges and the outlook of fisheries and aquaculture, in order to raise awareness/preparedness and enhance the capacity of countries in the region in response to the issues.

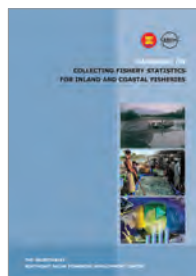
By *SEAFDEC Secretariat*



Handbook on Collecting Fishery Statistics for Inland and Coastal Fisheries

The 165-page document provides building blocks for setting up of statistical data collection system by providing elements for basic statistical training, sample survey design, and selection of methodologies to obtain the required statistics.

By *SEAFDEC Secretariat*

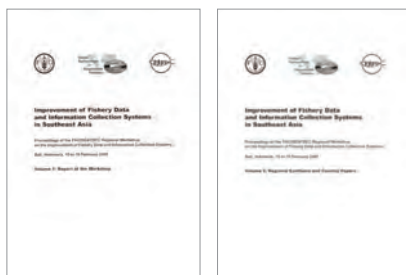


Improvement of Fishery Data and Information Collection Systems in Southeast Asia: the Proceedings of the FAO/SEAFDEC Regional Workshop on the Improvement of Fishery Data and Information Collection Systems

(Bali, Indonesia, 15-18 February 2005)

- Volume 1: Report of the Workshop (38 pages)
- Volume 2: Regional Synthesis and Country Papers (174 pages)

By *SEAFDEC Secretariat*



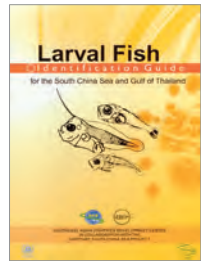
Fishery Resources

Fish Larvae Identification Guide

Larval Fish Identification Guide for the South China Sea and Gulf of Thailand

The 21-page identification guide was prepared for a regional training workshop on Larval Fish Identification and Fish Early Life History Science (16-31 May 2007). The step-by-step laboratory procedure in sorting and identification of fish larvae is described.

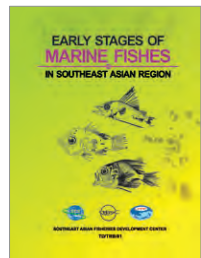
By SEAFDEC/TD



Early Stages of Marine Fishes in Southeast Asian Region

The monograph was published as the output of the Regional Training Workshop on Larval Fish Identification and Fish Early Life History Science in 2007 and 2008. The monograph describes the body parts of the larvae, counted fin rays and myomeres, and illustration of larvae.

By SEAFDEC/TD



Laboratory Guide for Some Families of Fish Larvae from the South China Sea

The 44-page publication was prepared based on the selected families of fish larvae collected during the oceanographic surveys in the South China Sea. Although this guide is not the final work on the taxonomy of fish larvae as there are many more species that remain to be documented, it is envisaged that the book is a starting point to carry out more works of similar nature in the future.

By SEAFDEC/MFRDMD

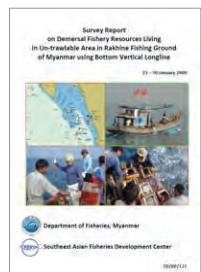


Demersal Fishery Resources

Report of the Survey on Demersal Fishery Resources Living in Un-trawlable Area in Rakhine Fishing Ground of Myanmar using Bottom Vertical Longline (23-30 January 2009, Myanmar)

Fishery resources survey was conducted in Rakhine fishing ground of Myanmar to evaluate the potential economically-important species in the un-trawlable areas.

By SEAFDEC/TD



Pelagic Fishery Resources

(all by SEAFDEC/MFRDMD)

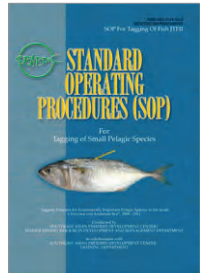
- [Report of the First Regional Technical Consultation Meeting on Information Collection for Sustainable Pelagic Fisheries in the South China Sea](#) (5-8 September 2002, Bangkok, Thailand)
- [Report of the Second Regional Technical Consultation Meeting on Information Collection for Sustainable Pelagic Fisheries in the South China Sea](#) (15-17 October 2003, Ho Chi Minh City, Viet Nam)
- [Report of the Third Regional Technical Consultation Meeting on Information Collection for Sustainable Pelagic Fisheries in the South China Sea](#) (22-24 November 2004, Kuala Lumpur, Malaysia)



Standard Operating Procedures for Tagging of Small Pelagic Species

This SOP serves as a guideline and main reference for those involved in tagging of small pelagic fishes at tagging sites. The main objectives of this SOP are to standardized sampling procedure and ensure that the same methods and procedures are applied to enhance survival of tagged fish during and after tagging operation.

By SEAFDEC/MFRDMD



Standard Operating Procedures for Tissue Sample Collection and Preservation

A 21-page guideline serves as main reference for those involved in tissue sample collection in the field at sampling/landing sites, and tissue preservation either in the field or at the laboratory.

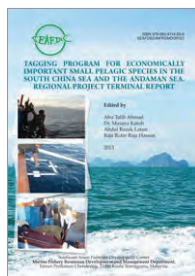
By SEAFDEC/MFRDMD



Tagging Program for Economically Important Small Pelagic Species in the South China Sea and the Andaman Sea: Regional project Terminal Report

The report was prepared under the tagging project implement in 2007-2012 to inform Member Countries of the status of pelagic fisheries in Southeast Asian waters as well as revealing the population structure of the selected species.

By SEAFDEC/MFRDMD



Deep-sea/Offshore Fishery Resources

(all by SEAFDEC/TD)

- [Report of the Regional Workshop on the Standard Operation Procedure and Development/Improvement of Sampling Gears for the Deep-sea Resource Exploration](#) (26-28 May 2009, Thailand)
- [Report of the Regional Training/Workshop on Identification of Deep-sea Fishes \(Part I\)](#) (18-22 January 2010, Thailand)
- [Report of the Regional Training/Workshop on Identification of Deep-sea Fishes \(Part II\)](#) (18-22 January 2010, Thailand)
- [Report of the Expert Meeting on Deep-sea Fishing and Its Impact to Ecosystem](#) (31 August - 2 September 2010, Thailand)
- [Report of the Training Workshop on Research Methodologies for the Study on Impact of Fishing to Deep-sea Ecosystem](#) (16-20 October 2010, Negara, Brunei Darussalam)
- [Report of Training Workshop on Identification of Deep-sea Benthic Macroinvertebrate Vulnerable to Fishing Gear](#) (11-15 July 2011, Thailand)
- [Report of the On-site Training on Identification of Deep-sea Fishes \(Part I\)](#) (18-21 July 2011, Malaysia)
- [Report of the On-site Training on Identification of Deep-sea Fishes \(Part II\)](#) (18-21 July 2011, Malaysia)
- [Deep-sea Tuna Handline Fishing in General Santos City, Philippines](#)
- [Report of the Regional Workshop on Offshore Fisheries in Southeast Asian Waters](#) (3-4 December 2013, Bangkok, Thailand)

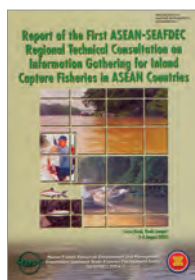
Inland Fishery Resources

Report of the First ASEAN-SEAFDEC Regional Technical Consultation on Information Gathering for Inland Capture Fisheries in ASEAN Countries

(4-6 August 2003, Kuala Lumpur, Malaysia)

The 183-page report summarizes outputs from the consultation: the current status of information on inland capture fisheries in the ASEAN countries; the strategies to strengthen future collection and compilation of information to support planning and management of inland fishery resources; and the project activities to be implemented.

By SEAFDEC/MFRDMD

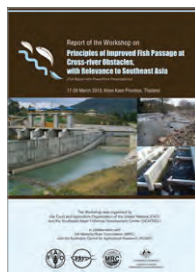


Report of the Workshop on Principles of Improved Fish Passage at Cross-river Obstacles, with Relevance to Southeast Asia

(17-20 March 2013, Khon Kaen Province, Thailand)

The report summarizes the outputs from the workshop, which include country reports on fish passages in their respective countries, and considerations for enhancing the effectiveness of fish passages in the region.

By *SEAFDEC/Secretariat*



Other Reports on Inland Fishery Resources

(all by *SEAFDEC/IFRDMD*)

- **Report of the 1st Workshop on Enhancement of Sustainability of Catadromous Eel Resources in Southeast Asia** (27-29 April 2016, Palembang, Indonesia)
- **Report of the Workshop to Review Activities and Methodologies for Promotion on Inland Fisheries** (8-10 August 2016, Palembang, Indonesia)

Tunas

Report of the National Training on Improvement of Data Collection for Tuna Gillnet and Purse Seine Fisheries in Viet Nam

(27-29 February 2012, Binh Dinh, Viet Nam)

The report includes the overview of tuna fisheries in Viet Nam and Southeast Asian region, the overview of data collection activities for longline, gillnet and purse seine in Viet Nam, trends and data provision obligations of Member Countries and also the guideline on protocol for sampling of tuna landings by gillnetter and purse seiners.

By *SEAFDEC/TD*



Report of the Special Meeting on Improvement of Tuna Information and Data Collection in Southeast Asia

(7-9 September 2011, Songkhla Province, Thailand)

The report summarizes discussion and recommendations from the Meeting that are envisaged to serve as a basis for the Southeast Asian countries and SEAFDEC in improving data and information collection in order to obtain better understanding on tunas in the future.

By *SEAFDEC/TD*



Standard Operating Procedure for Data Collection and Analysis for the Neritic Tunas

The SOP includes the standardized items for data collection (*i.e.*, study area, countries involved in the project, sampling location, species to be studied for stock assessment, identification of target species, major fishing gears, data collectors, and duty of enumerators), data collection and analysis (*i.e.*, fishing operation and catch, and biological data), and data submission and compilation.

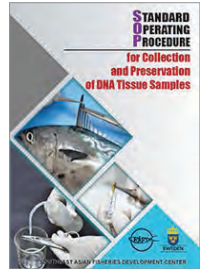
By SEAFDEC/MFRDMD



Standard Operating Procedure for Collection and Preservation of DNA Tissue Samples

The SOP is aimed to ensure that all sampled tissues of tuna species are well prepared and preserved to obtain high quality DNA. High quality DNA is required to come up with reliable and comparable data for stock and population identification in the Southeast Asian region.

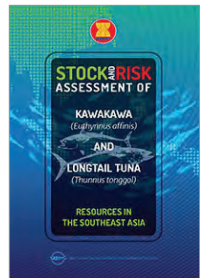
By SEAFDEC/MFRDMD



Stock and Risk Assessment of Kawakawa (*Euthynnus affinis*) and Longtail Tuna (*Thunnus tonggol*) Resources in the Southeast Asia

The publication describes results from stock and risk assessment undertaken by SEAFDEC for two neritic tuna species, namely Kawakawa and Longtail Tuna, in the Southeast Asian region.

By SEAFDEC Secretariat



Other Reports on Tunas

(by SEAFDEC Secretariat and TD)

- Report of the Consultative Meeting on Regional Cooperation for Sustainable Neritic Tuna Fisheries in Southeast Asian Waters (8-10 October 2013, Songkhla Province, Thailand)
- Report on Sub-regional Technical Working Group Meeting of SEAFDEC Joint Program for Tuna Research in Sulu Sulawesi Seas (27-28 May 2014, Kuching, Sarawak, Malaysia)
- Report of the Experts Group Meeting on Regional Plan of Action on Sustainable Utilization of Neritic Tuna in the ASEAN Region (18-20 June 2014, Krabi Province, Thailand)

- [Report of the Sub-regional Technical Meeting for Finalizing the Work Plan of Activities for SEAFDEC Joint Program on Tuna Research in Sulu and Sulawesi Seas \(19-21 August 2014, Tawau, Sabah, Malaysia\)](#)
- [Report of the First Meeting of the Scientific Working Group on Neritic Tuna Stock Assessment in the Southeast Asian Waters \(18-2 November 2014, Shah Alam, Selangor, Malaysia\)](#)
- [Report of the Second Meeting of the Scientific Working Group on Neritic Tuna Stock Assessment in the Southeast Asian Waters \(15-17 June 2015, Hai Phong, Viet Nam\)](#)
- [Report of the Third Meeting of the Scientific Working Group on Neritic Tuna Stock Assessment in the Southeast Asian Waters \(27-29 June 2016, Chonburi Province, Thailand\)](#)

Sharks and Rays

[Report on the Study on Shark Production, Utilization and Management in the ASEAN Region 2003-2004](#)

The publication summarizes the outputs from the one-year study on shark catch, local use and trade; progress of the development of NPOAs-Sharks in the region; trade in shark products in Malaysia, Singapore and Thailand; and microscopic observation on dermal denticles of shark fins.

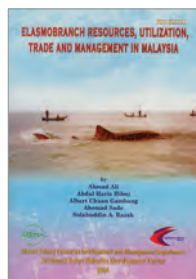
By *SEAFDEC Secretariat*



[Elasmobranch Resources, Utilization, Trade and Management in Malaysia](#)

This 46-page book contains outputs from the study on elasmobranch resources, utilization, trade and management, undertaken by SEAFDEC/MFRDMD in Malaysia from July 2003 to August 2004.

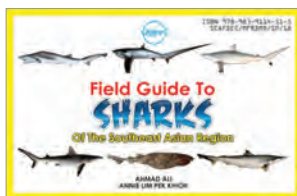
By *SEAFDEC/MFRDMD*



[Field Guide to Sharks of the Southeast Asian Region](#)

A 210-page field guide aims to facilitate the identification and classification of 69 shark species commonly caught in the Southeast Asian region. The guide is also available in Cambodian and Vietnamese languages.

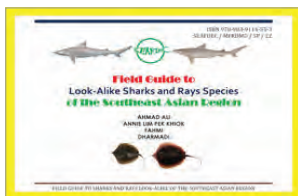
By *SEAFDEC/MFRDMD*



Field Guide to Look-Alike Sharks and Rays Species of the Southeast Asian Region

A 120-page field guide provides a simple user-friendly brief description on similarities and distinctive characteristics of 15 pairs of sharks, 20 pairs of rays and two pair of skates look-alike species.

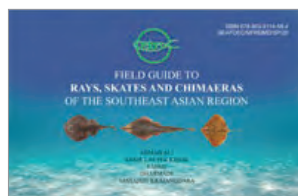
By SEAFDEC/MFRDMD



Field Guide to Rays, Skates and Chimaeras of the Southeast Asian Region

The publication provides a field guide of 97 species of rays (14 families) and one species of chimaera (one family) found in abundance in the Southeast Asian region. The book is also available in Cambodian and Vietnamese languages.

By SEAFDEC/MFRDMD



Identification Guide to Sharks Rays and Skates of the Southeast Asian Region

The 33-page guide aims to facilitate identification of 56 species of sharks, 62 species of rays and 6 species of skates found abundant in the Southeast Asian region, using color photographs with arrows specifying main identifying characters.

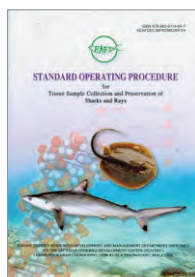
By SEAFDEC/MFRDMD



Standard Operating Procedure for Tissue Sample Collection and Preservation of Sharks and Rays

The publication describes procedures for collection and preservation of tissue samples from shark and ray specimens for further genetic identification.

By SEAFDEC/MFRDMD



Implementation of the National Plan of Action for Conservation and Management of Shark Resources in Malaysia

This book presents the data on sharks and rays landings in Perak, Malaysia in 2013. Thirteen species of sharks and 17 species of rays were identified. Information on biology (size at maturity), abundance, dominance, market price, distribution, and postharvest utilization were reported. All sharks and rays were landed whole, fully utilized with no finning activities onboard the vessels.

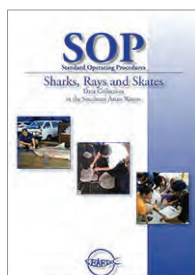
By SEAFDEC/MFRDMD



Standard Operating Procedures for Sharks, Rays and Skates Data Collection in the Southeast Asian Water

The SOP serve as guideline sampling methods for data collection and identifying sharks, rays, and skates at species level to ensure that data recording, analysis, compilation, and reporting are standardized among enumerators in the Southeast Asian region.

By SEAFDEC/MFRDMD



Other Reports on Sharks and Rays

(all by SEAFDEC/TD)

- Report of the Regional Workshop on Data Collection Methodology for the Assessment of Shark Stock Status (23-25 October 2013, Bangkok, Thailand)
- Report of the Special Meeting on Shark Information Collection in Southeast Asia (15-17 September 2011, Bangkok, Thailand)
- Report of the Regional Workshop on Data Collection Methodology for the Assessment of Shark Stock Status (23-25 September 2013, Bangkok, Thailand)
- Summary Report of Regional Technical Working Group Meeting on Data Collection for Sharks in Southeast Asian Region (22-24 April 2014, Phuket, Thailand)

Cetaceans

Report of the 1st Regional Workshop on Information Gathering and Cetacean Research in the Southeast Asian Waters

(30-31 July 2009, Samut Prakan, Thailand)

The report summarizes discussion made during the 1st Regional Workshop on Information Gathering and Cetacean Research in the Southeast Asian Waters.

By SEAFDEC/TD

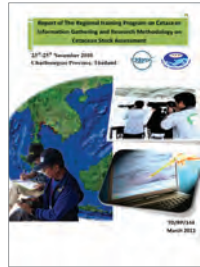


Report of the Regional Training Program on Cetacean Information Gathering and Research Methodology on Cetacean Stock Assessment

(23-25 November 2010, Chachoengsao Province, Thailand)

The training focused on information gathering of the riverine/coastal cetaceans and Irrawaddy Dolphins. Important output of this training is the Handbook on Photo Identification Techniques for Irrawaddy Dolphin, based on the practical sighting activity.

By SEAFDEC/TD

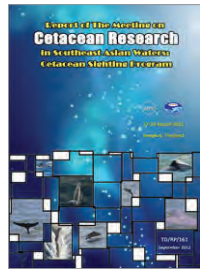


Report of the Meeting on Cetacean Research in Southeast Asian Water: Cetacean Sighting Program

(27-29 March 2012, Bangkok, Thailand)

The report compiles major achievements of the program implementation from 2008-2011, cetacean research and monitoring in Thailand, the current study on cetaceans by Member Countries, the related cetacean research and development activities and other relevant studies.

By SEAFDEC/TD



Sea Turtles

Conservation and Enhancement of Sea Turtles in the Southeast Asian Region

The publication describes measures undertaken by countries in the Southeast Asian region to conserve and enhance sea turtles resources. These include laws and enforcement, establishment of sea turtle sanctuaries and hatcheries, tagging and satellite tracking, education and public awareness programs, as well as various fields of research activities.

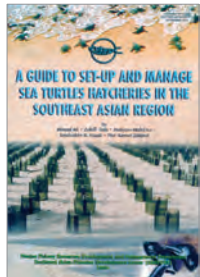
By SEAFDEC/MFRDMD



A Guide to Set-up and Manage Sea Turtles Hatcheries in the Southeast Asian Region

The book publishes knowledge and experiences gained through the studies on sea turtle hatcheries, particularly those conducted in Malaysia, and information accumulated from researchers both within and outside the region on the set-up and management of sea turtle hatcheries.

By SEAFDEC/MFRDMD



A Guide for Tagging of Sea Turtles in the Southeast Asian Region

The guide aims to assist sea turtle researchers and workers in the Southeast Asian region to standardize their turtle tagging activities. Researchers, managers and field staff will find the book a useful reference for tagging and data collection, as the process is clearly written and step-by-step photos are used to illustrate each activity.

By SEAFDEC/MFRDMD



Master Plan on Cloning of Sea Turtles

The book describes the establishment of advanced reproductive biotechnology and captive breeding center for the sustainable management and breeding of sea turtles.

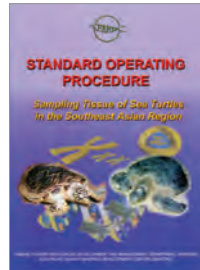
By SEAFDEC/MFRDMD



Standard Operating Procedure on Sampling Tissues of Sea Turtles in the Southeast Asian Region

The 12-page book describes the method of sampling the tissue of Green Turtles (*Chelonia mydas*) and Hawksbill Turtles (*Eretmochelys imbricata*) during their nesting activities in selected sampling sites in the Southeast Asian countries.

By SEAFDEC/MFRDMD



Report of the Regional Core Expert Group Meeting on Research for Stock Enhancement of Sea Turtles

(20-21 October 2009, Kuala Terengganu, Malaysia)

The report summarizes outputs from the Regional Core Expert Group Meeting on Research for Stock Enhancement of Sea Turtles, organized with objectives to gather information and results from sea turtle stock enhancement and tagging studies conducted from 2004 to 2009.

By SEAFDEC/MFRDMD



Report of the Regional Planning Workshop on Research and Management on Foraging Habitat of Sea Turtles in the Southeast Asian Waters (10-11 March 2010, Malacca, Malaysia)

The workshop discussed the activities to be implemented by SEAFDEC/MFRDMD in collaboration with TD under the project on “Research and Management of Sea Turtles in Foraging Habitats in the Southeast Asian Waters” from 2010-2014.

By SEAFDEC/MFRDMD



Report of Regional Workshop on Management of Sea Turtles Foraging Habitats in Southeast Asian Waters (1-3 November 2011, Sarawak, Malaysia)

The report shares the scientific information, discussion for preparing the Standard Operating Procedure (S.O.P) and discussion on preparing the management Plan on conserving sea turtle foraging habitats.

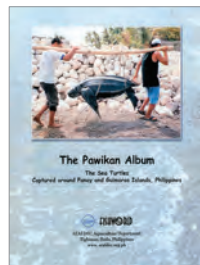
By SEAFDEC/MFRDMD



The Pawikan Album: The Sea Turtles Captured around Panay and Guimaras Island, Philippines

The 83-page publication is a record of 93 sea turtles captured from around SEAFDEC/AQD. The publication could serve as a useful reference for turtle biologists, marine scientists, conservationists, and resource managers, as well as general public, as it contains information on the interaction of sea turtle with fishing gears and people and how FishWorld of AQD worked with fishers and government to save and conserve sea turtles.

By SEAFDEC/AQD



Economically Important Species as Surimi Raw Materials

Report of the End-of-Project Meeting of the Working Party on Information Collection for Economically Important Species as Surimi Raw Materials in the Southeast Asian Region

(1-2 July 2009, Samut Prakan, Thailand)

The report summarizes discussion made during the End-of-Project Meeting of the Working Party on Information Collection of Economically Important Species as Surimi Raw Materials in the Southeast Asian Region.

By SEAFDEC/TD



Brochure: Surimi Information

One set of publications comprises information on: Surimi Industry in the Southeast Asian Countries; Status of Fishing Grounds for Surimi Raw Materials in Southeast Asian Countries; and Surimi Raw Materials Species Found from the M.V. SEAFDEC 2 Survey during 2004-2008.

By SEAFDEC/TD



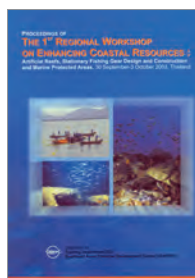
Resources Enhancement

Proceedings of the 1st Regional Workshop on Enhancing Coastal Resources: Artificial Reefs, Stationary Fishing Gear Design and Construction and Marine Protected Areas

(30 September - 3 October 2003, Thailand)

The 146-page report describes the review on activities related to coastal resources enhancement by countries in Southeast Asia as well as the initiatives undertaken by SEAFDEC.

By SEAFDEC/TD

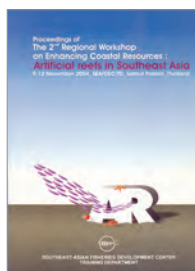


Proceedings of the 2nd Regional Workshop on Enhancing Coastal Resources: Artificial Reefs in Southeast Asia

(9-12 November 2004, Samut Prakan, Thailand)

The 255-page proceedings summarizes TD's activities relevant to Artificial Reefs (ARs), the current status on ARs issues in the Southeast Asian countries, and the recommendations for the preparation of guidelines for ARs in the region.

By SEAFDEC/TD



Artificial Reefs in Thailand

The publication reviews the objectives in the installation of artificial reefs, the artificial reefs concept, the importance of the ecosystem in the natural and artificial reef areas, and the evaluation on economic and social benefits to fishers living around the area. The information is based on a case study in Thailand.

By SEAFDEC/TD



Introduction of Set-Net Fishing to Develop the Sustainable Coastal Fisheries Management in Southeast Asia: Case Study in Thailand 2003-2005

(in English and Thai)

The 402-page report contains the results of studies and researches carried out under the project on "Introduction of Set-Net Fishing to Develop the Sustainable Coastal Fisheries Management in Southeast Asia: Case Study in Thailand 2003-2005."

By SEAFDEC/TD

USD 20.00



Set-Net Fishing Technology Transfer for Sustainable Coastal Fisheries Management in Southeast Asia

The 214-page technical manual compiles the lessons learned from the Set-Net project implemented in Rayong Province, Thailand. The manual includes the rationale and objectives, as well as the methods and techniques in implementing Set-Net fisheries to serve as a good guide for those who intend to start similar initiative in their respective countries.

By SEAFDEC/TD

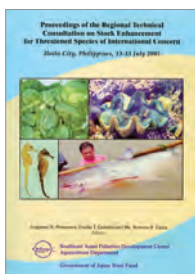


Proceedings of the Regional Technical Consultation on Stock Enhancement for Threatened Species of International Concern

(13-15 July 2005, Iloilo, Philippines)

The 149-page proceedings describe the ASEAN-SEAFDEC directives related to species of international concerns, and the countries' initiatives and concerns on stock enhancement programs.

By SEAFDEC/AQD



Proceedings of Workshop on Artificial Reefs for the Enhancement of Fishery Resources

(4 August 2009, Putrajaya, Malaysia)

A 189-page publication summarizes results of the workshop that aims to enhance understanding on placement of artificial reefs among Southeast Asian countries and Japan through sharing information about scientific-based designs and evaluation methods of artificial reefs executed in these areas.

By SEAFDEC/MFRDMD



Detecting and Mapping of Artificial Reefs Using Side Scan Sonar & Sub Bottom Profiler

(Volume 1)

The 57-page publication provides information on methods for detecting and mapping of artificial reefs, *i.e.* monitoring the artificial reefs and their distribution, as well as measuring their height above the seabed over a large area in the west coast of peninsular Malaysia.

By INOS and SEAFDEC/MFRDMD



Proceedings of the Symposium on Strategy for Fisheries Resource Enhancement in the Southeast Asian Region

(27-30 July 2015, Pattaya, Thailand)

The publication contains results of the Symposium which served as a forum to exchange the lessons learned and experiences gained from relevant resource enhancement initiatives of SEAFDEC and Member Countries. The Symposium was also intended to facilitate the sharing of scientific knowledge on fisheries resource enhancement from renowned resource persons from Japan and the Southeast Asian countries.

By SEAFDEC/TD



Other Report on Resources Enhancement

(by SEAFDEC/TD)

- Report of the Regional Inception Workshop for JTF-6 Program on the Promotion of Sustainable Fisheries Resources Enhancement Measures in Critical Habitats/Fishing Grounds in Southeast Asia (31 July 2015, Pattaya, Thailand)

Fisheries Management

Small-scale Fisheries Management

Proceedings of the Regional Seminar on Integrated Coastal Resources Management in Southeast Asia

(10-12 July 2007, Chumphon Province, Thailand)

The 239-page proceedings publish the outputs from the Seminar, particularly the outputs of the project on Integrated Coastal Resources Management (ICRM) implemented from 2001-2006 in Pakklong Sub-district, Chumphon Province; the project evaluation and recommendations for future activities; and the current approaches of the Southeast Asian countries toward realization of community-based fisheries resources management.

By SEAFDEC/TD



Proceedings of the Regional Seminar on Integrated Coastal Resources Management Approach in Southeast Asia: Review of the Project ICRM-PL

(21-23 October 2008, Langkawi, Malaysia)

The 204-page proceedings summarize the outputs, achievements and lessons learned from the project on ICRM implemented in Pulau Langkawi, Malaysia from 2003 to 2006. The information should be considered by the other SEAFDEC Member Countries in the formulation and implementation of projects with the similar nature.

By SEAFDEC/TD

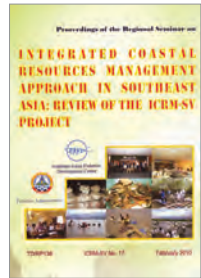


Proceedings of the Seminar on Integrated Coastal Resources Management Approach in Southeast Asia: Review of the ICRM-SV Project

(26-27 January 2010, Bangkok, Thailand)

The Seminar discussed the achievements and outputs of the ICRM-SV project; verified the impacts of the project activities to the beneficiaries; discussed the resultant rationale and implication in the dissemination of the project concept to other SEAFDEC Member Countries; and identified the necessary follow-up actions to be undertaken by parties concerned.

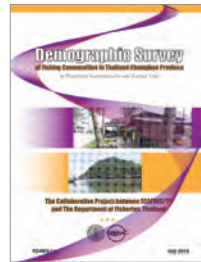
By SEAFDEC/TD



Report of the Demographic Survey of Fishing Communities in Thailand: Chumphon Province

Demographic survey was conducted in 2010, of which the outputs were used as a basis for the development of subsequent capacity building activities. It is also expected that the outputs from this survey, as well as the lessons learned and the achievements from the project implementation, would also be useful for the other development projects that may be initiated and implemented in the area.

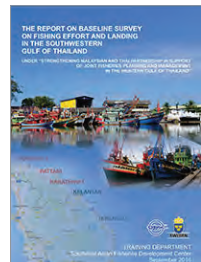
By SEAFDEC/TD



Report on Baseline Survey on Fishing Effort and Landing in the Southwestern Gulf of Thailand: Under "Strengthening Malaysian and Thai Partnership in Support of Joint Fisheries Planning and Management in the Western Gulf of Thailand"

This publication conveys the outputs of the project "Strengthening Malaysian and Thai Partnership in Support of Joint Fisheries Planning and Management in the Western Gulf of Thailand," which was implemented from 2014 to 2015. Its aim was to gather preliminary information on fishing efforts (*i.e.*, vessels, gears, and people) and landing of catch, which would be used as basis to improve the monitoring and control of fishing activities.

By SEAFDEC/TD



Other Publications on Small-scale Fisheries Management

(all by SEAFDEC/TD)

- Large Cast Net and Anchovy Falling Net Fisheries to Community Based Economic Development: Survey in Pakklong Sub-district, Pathew District, Chumphon Province (24 pages)
- Monitoring on Density and Distribution of Meiofauna in the Pakklong Sub-district Coastal Area (36 pages)
- Overview of Fishing Activities in the Pakklong Sub-district Coastal Area, Pathew District, Chumphon Province from March 2002 to February 2003 (33 pages)
- Carrying Capacity Estimation of Marine Finfish Cage Culture at Pathew Bay, Chumphon Province, Southern Thailand (10 pages)
- Preliminary Report of Household Survey in Pakklong Sub-district, Pathew District, Chumphon Province (25 pages)
- Final Project Evaluation of Integrated Coastal Resources Management in Pathew District (ICRM-PD)
- The New Experience of Sub-district Administrative Organization in Coastal Resource Management: the Case of Chumphon Province, Thailand.
- Fish Landing Data in October 2007 - October 2009 in Prey Nop II, Sihanouk Ville, Cambodia (2009)
- Final Project Evaluation of Integrated Coastal Resources Management in Sihanouk Ville (ICRM-SV) (2009)
- Bi-annual Project Progress Report of Integrated Coastal Resources Management in Sihanouk Ville (ICRM-SV), January-June 2009 (2009)
- Bi-annual Project Progress Report of Integrated Coastal Resources Management in Sihanouk Ville (ICRM-SV), July-December 2009 (2010)
- Report of the Monitoring Socio-Economic Survey in Commune Teuk Thla, Sihanouk Ville, Cambodia (2010)
- Report of the Regional Workshop on the Promotion of Inland Small-scale Fisheries Management through Rights-based Fisheries and Co-management Towards Institutional Building and Participatory Approaches Project: Transferring Lessons Learned and Experiences (14-15 September 2011, Petchaburi Province, Thailand)
- Report of the ASEAN Regional Workshop for Facilitating Community-based Resource Management in Coastal and Inland Fisheries (18-21 February 2014, Phnom Penh, Cambodia)
- Report of the ASEAN Regional Workshop for Enhancement of National Support Officer System to Improvement of Autonomous Resources Management and Fisheries Communities (11-13 March 2014, Vientiane, Lao PDR)
- Report of Mobile On-site Training (MOT) on Facilitating Fisheries Information Gathering Through Introduction of Community-based Fisheries Management (1-10 July 2014, Sakon Nakhon Province, Thailand)

- [Report of Mobile On-site Training \(MOT\) on Practical Approach to Co-management in Marine and Inland Fisheries of Cambodia](#) (28 July-1 August 2014, Siem Reap, Cambodia)
- [Report of Training of Trainers \(TOT\) on Facilitating Fisheries Information Gathering through Introduction of Community Based Fisheries Management: Legislative and Institutional Aspects of Rights-based Fisheries Management](#) (13-15 August 2014, Da Nang City, Viet Nam)
- [Report of Training on Practical Approach to Co-management in Marine and Inland Fisheries of Cambodia](#) (17-21 November 2014, Koh Kong Province, Cambodia)
- [Report on Follow-up Activities in Implementing/Promoting Community-based Fisheries Management and Co-management in Nam Oon Dam](#) (23-25 February 2015, Sakon Nakhon Province, Thailand)
- [Report of Training of Trainers \(TOT\) on Facilitating Fisheries Information Gathering through Introduction of Co-management and Community-Based Fisheries Management: Effective Implementation and Extension of the Co-management and CBFM in Lao PDR](#) (27-30 April 2015, Khammouane Province, Lao PDR)
- [Report of Training of Trainers \(TOT\) on Facilitating Fisheries Information Gathering through Introduction of Co-management and Community-Based Fisheries Management: Roles and Functions of Fishers Organization in the Implementation of Co-Management in Viet Nam](#) (12-14 May 2015, Nha Trang City, Viet nam)
- [Report Monitoring and Facilitating Fisheries Information Gathering Through Introduction of Community-based Fisheries Management](#) (3-7 August 2015, Sakon Nakhon Province, Thailand)
- [Report of Training of Trainers \(ToT\) on Data Analysis and Extension to Promote Co-management in Viet Nam](#) (15-17 June 2016, Da Nang City, Viet Nam)
- [Report of Monitoring and Evaluation Co-management Approach in Chong Khneas Commune, Siem Reap, Cambodia](#) (21-22 July 2016, Siem Reap Province, Cambodia)
- [Report on the Training of Trainers on Facilitating Fisheries Information Gathering Through Introduction of Co-management and Community-based Fisheries Management: Effective Implementation Co-management and CBFM in Lao PDR](#) (19-22 September 2016, Vientiane, Lao PDR)

Indicators for Fisheries Management

Indicators for Improved Fisheries Management in the ASEAN Region

The 162-page Proceedings of the Second Regional Technical Consultation on the Use of Indicators for the Sustainable Development and Management of Capture Fisheries in the ASEAN Region (9-11 March 2004, Kuala Lumpur, Malaysia). The RTC reviewed and evaluated the implementation of pilot projects, and provided recommendations for the development of the Draft Guidelines on the Use of Indicators for Improved Fisheries Management.

By SEAFDEC/MFRDMD



Guidelines and Standard Method of Data Collection and Fisheries Indicators for Fisheries Management in Myanmar

This book is the guidelines for collecting and processing data on the resources for sustainable fishery management. The book also comprises examples that could be used by researchers.

By SEAFDEC/TD



Report of the Technical Working Group on the Identification of Indicators for Sustainable Development and Management of Capture Fisheries in the ASEAN Region (8-9 November 2004, Kuala Lumpur, Malaysia)

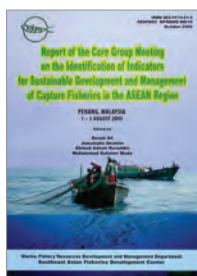
By SEAFDEC/MFRDMD

Report of the Core Group Meeting on the Identification of Indicators for Sustainable Development and Management of Capture Fisheries in the ASEAN Region (1-3 August 2005, Penang, Malaysia)

By SEAFDEC/MFRDMD

Report of the Third Regional Technical Consultation Meeting on Identification of Indicators for Sustainable Development and Management of Capture Fisheries in the ASEAN Region (13-14 October 2005, Hai Phong, Viet Nam)

By SEAFDEC/MFRDMD



Management of Fishing Capacity and Combating IUU Fishing

Report of the Regional Workshop on HRD Program for Sustainable Fisheries and Related Counter-Measures to Combat IUU Fishing in Southeast Asia

(6-8 July 2011, Samut Prakan, Thailand)

The report summarizes discussion made during the Regional Workshop on HRD Program for Sustainable Fisheries and Related Counter-Measures to Combat IUU Fishing in Southeast Asia, particularly on the activities that should be undertaken to enhance human capacity in combating IUU fishing in the region, and the establishment of regional HRD network as a platform for launching of relevant activities.

By SEAFDEC/TD



Report of the Regional Core Experts Meeting on Fishing License, Boat Registration and Information on Export of Fisheries Products in Southeast Asia

(4-7 October 2011, Bangkok, Thailand)

The report summarizes discussion and recommendations made during the Regional Core Experts Meeting on Fishing License, Boat Registration and Information on Export of Fisheries Products in Southeast Asia, particularly the minimum requirement for fishing license and boat registration, and the development of regional guidelines to prevent the trading of products from IUU fishing.

By SEAFDEC/TD



Report of Expert Group Meeting on Fishing Licensing and Boats Registration in Southeast Asia

(25-28 June 2012, Bangkok, Thailand)

The report summarizes the discussion and recommendation made during the Expert Group Meeting on Fishing Licensing and Boats Registration in Southeast Asia.

By SEAFDEC/TD



Report of the Technical Workshop on Regional Fishing Vessel Record (RFVR) Database Development and Management in Southeast Asia

(20-21 August 2014, Chonburi, Thailand)

The report summarizes the policy recommendations and the way forward for the implementation of RFVR database, as well as an agreement for the participating countries to provide additional information required in effectively enhancing the RFVR database.

By SEAFDEC/TD



Report of Regional Technical Consultation on the Regional Fishing Vessels Record: Use and Way Forward of RFVR Database as a Management Tool to Reduce IUU Fishing in Southeast Asian Region (2-4 June 2015, Pattaya, Thailand)

The Consultation is one of the activities of project “Promotion of Sustainable Fisheries and IUU Fishing-related Countermeasures in Southeast Asia.” The project developed the Regional Fishing Vessels Record (RFVR) Database, which is a comprehensive set of information on vessels with certain size and could be used as an effective tool to combat IUU fishing in the region.

By SEAFDEC/TD

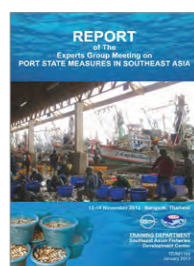


Report of the Experts Group Meeting on Port State Measures in Southeast Asia

(12-14 November 2012, Bangkok, Thailand)

The Report summarizes the discussion and recommendations made during the Expert Group Meeting on Port State Measures in Southeast Asia.

By SEAFDEC/TD

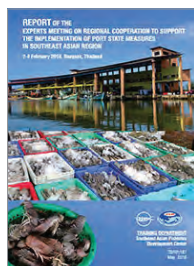


Report of the Experts Meeting on Regional Cooperation to Support the Implementation of Port State Measures in Southeast Asian Region

(2-4 February 2016, Bangkok, Thailand)

The publication is the transcription of the Experts Meeting with objectives to update the issues and challenges on PSM implementation; to identify the issues needed for further harmonization to support the PSM implementation; to develop the Concept Proposal on Regional Cooperation to Support the Implementation of Port State Measures; and to identify capacity building needs.

By SEAFDEC/TD

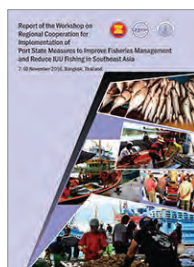


Report of Workshop on Regional Cooperation for Implementation of Port State Measures to Improve Fisheries Management and Reduce IUU Fishing in Southeast Asia

(7-10 November 2016, Bangkok, Thailand)

The publication contains the outputs of the workshop which aims to provide understanding on the implications of the entry into force of the Port State Measures (PSM) Agreement; to strengthen the understanding of the ASEAN-SEAFDEC Member Countries on the requirements for implementing the PSM Agreement; and develop activity plans for the implementation in the region.

By SEAFDEC/TD



Report on the Regional Core Expert Meeting on Combating IUU Fishing in Southeast Asian Region through Application of Catch Certification for International Trade in Fish and Fishery Product

The report covers the topics and activities during the Meeting, which includes fishing and trading practices and impact of implementation of EC Regulation 1005/2008 in small and large scale fisheries in the Southeast Asian region; drafting the Regional Guidelines; and concept of ASEAN Catch Documentation Scheme.

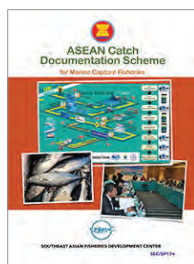
By SEAFDEC/MFRDMD



ASEAN Catch Documentation Scheme for Marine Capture Fisheries

The publication provides framework which enhances traceability of fish and fishery products for effective marine fisheries management and also prevents entry of fish and fishery products from IUU fishing activities into supply chain of the ASEAN Member States.

By SEAFDEC Secretariat



Infographics on ACDS Guide

The publication aims to provide better understanding on effective fisheries management through the use of ASEAN Catch Documentation Scheme.

By SEAFDEC Secretariat

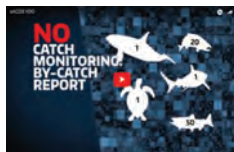


Electronic ASEAN Catch Documentation Scheme for Marine Capture Fisheries



A 5-minute video that introduces an Electronic ASEAN Catch Documentation Scheme as a tool to improve traceability of marine capture fisheries products.

By SEAFDEC Secretariat



Other Publications on Management of Fishing Capacity and Combating IUU Fishing

(by SEAFDEC Secretariat, TD and MFRDMD)

- Report of Expert Meeting on Management of Fishing Capacity in Southeast Asia (27-29 July 2006, Sihanouk Ville, Cambodia)
- Report of the Regional Technical Consultation on Management of Fishing Capacity and Human Resource Development in Support of Fisheries Management in Southeast Asia (19-22 September 2006, Phuket, Thailand)

- [Study on Eco-labelling of Aquatic Products: General view and future considerations for the ASEAN region](#) (2006)
- [Report of the Regional Technical Consultation and Workshop on the Concept of an ASEAN Fisheries Development and Management Mechanism](#) (6-8 November 2007, Bangkok, Thailand)
- [Report of the Regional Workshop on Implementing the ASEAN Roadmap for Integration of Fisheries Sector](#) (16-18 January 2008, Bangkok, Thailand)
- [Report of the Expert Meeting on Fishing Vessel Registration](#) (30 June-2 July 2008, Phuket, Thailand)
- [Report of the Workshop on Certification and Eco-labelling](#) (30 January 2009, Bangkok, Thailand)
- [Environmental Impact Assessment Report: SEAFDEC Activities Related to Climate Change and Adaptation in Southeast Asia with Special Focus on the Andaman Sea](#) (2009)
- [Report of the Workshop on Fishing Vessel Record and Inventory](#) (27-29 July 2009, Satun Province, Thailand)
- [Report of the On-site Training/Workshop on Capacity Building for Integration of Fisheries and Habitat Management of Fishing Capacity in Indonesia, Malaysia, Myanmar and Thailand](#) (19-22 July 2010, Medan-North Sumatera Province, Indonesia)
- [Report of the Expert Consultation on Managing Fishing Capacity to Combat IUU Fishing in Southeast Asia](#) (15-17 September 2010, Bangkok, Thailand)
- [Report of Regional Core Expert Meeting on Preventing Export of IUU Fishing Products in Southeast Asia](#) (20-22 November 2012)
- [Report of the Regional Core Expert Meeting on Combating IUU Fishing in Southeast Asian Region Through Application of Catch Certification for International Trade in Fish and Fishery Product](#) (7-9 October 2013, Kuala Lumpur, Malaysia)
- [Report of the Regional Technical Consultation on Development of Regional Plan of Action-Management of Fishing Capacity](#) (24-26 February 2015, Kuala Lumpur, Malaysia)
- [Report of the 2nd Regional Technical Consultation on Development of Regional Plan of Action for Managing of Fishing Capacity](#) (15-17 December 2015, Phuket, Thailand)

Sub-regional Fisheries Management

(by SEAFDEC Secretariat)

- [Report of the Sub-regional Meeting on the Gulf of Thailand in Follow-up to "the RPOA-IUU MCS Meeting in Bali"](#) (28-29 March 2008, Bangkok, Thailand)
- [Report of the 2nd Sub-regional Meeting on the Gulf of Thailand](#) (24-26 February 2009, Bangkok, Thailand)
- [Report of the 1st Meeting of the Andaman Sea Sub-region](#) (20-22 October 2009, Phuket, Thailand)

- [Report of the 3rd Meeting of the Gulf of Thailand Sub-region](#) (20-22 September 2011, Siem Reap, Cambodia)
- [Report of the Sub-regional Consultative Meeting of the Southern Andaman Sea](#) (11-13 October 2011, Phuket, Thailand)
- [Report of the Sub-regional Consultative Workshop of the Northern Andaman Sea](#) (13-14 March 2012, Bangkok, Thailand)
- [Report of the 2nd Meeting of the Andaman Sea Sub-region](#) (28-29 August 2013, Phang-Nga province, Thailand)
- [Report of the 4th Meeting of the Gulf of Thailand Sub-region](#) (18-19 December 2013, Bangkok, Thailand)
- [Report of the 1st Technical Meeting of the Joint Working Team for Fisheries Management between Cambodia and Viet Nam](#) (5-7 March 2014, Phu Quoc Island, Kien Giang Province, Viet Nam)
- [Report of the Sub-regional Technical Meeting on the Effective Fisheries Management between Malaysia and Thailand](#) (14-15 May 2014, Penang, Malaysia)
- [Report of the Sub-regional Consultative Meeting on the Collaborative Fisheries Management around the North Andaman Sea/Myeik Archipelago](#) (27-28 May 2014, Phuket, Thailand)
- [Report of the 1st Meeting of the Technical Working Group for Fisheries Management in Trans-boundary Areas between Cambodia and Lao PDR](#) (2-4 June 2014, Phuket, Thailand)
- [Report of the Technical Workshop of the Joint Committee for Fisheries Management between Cambodia and Viet Nam](#) (6 -7 October 2014, Bangkok, Thailand)
- [Report of the Technical Working Group Meeting of the Joint Fisheries Management between Cambodia and Lao PDR](#) (8-9 October 2014, Bangkok, Thailand)
- [Report of the Sub-regional Technical Meeting on Effective Fisheries Management between Cambodia and Thailand](#) (20-22 January 2015, Trat Province, Thailand)
- [Report of Baseline Survey and Consultation Meeting to Clarify Feasible Ways for Implementation of Management Measures in Chong Khneas](#) (6-8 May 2015, Siem Reap Province, Cambodia)
- [Report of the 5th Meeting of the Gulf of Thailand Sub-region](#) (28-29 September 2015, Nonthaburi, Thailand)
- [Report of the 3rd Meeting of the Andaman Sea Sub-region](#) (18-20 October 2016, Bangkok, Thailand)
- [Report of the 6th Meeting of the Gulf of Thailand Sub-region](#) (28 February-2 March 2016, Bangkok, Thailand)
- [Report of the Experts Group Meeting on Stock Status and Geographical Distribution of AIB Species in the Gulf of Thailand](#) (22-23 September 2016, Bangkok, Thailand)

Ecosystem Approach to Fisheries Management (EAFM)

(by SEAFDEC/TD)

- [Report of the EAFM Lead and E-EAFM Materials Writeshop](#) (13-17 July 2015, Bangkok, Thailand)
- [Report of On-site Training on Essential Ecosystem Approach to Fisheries Management](#) (14-19 December 2015, Yangon, Myanmar)
- [Report of the Regional Workshop on Piloting E-EAFM LEAD Materials](#) (27-29 June 2016, Rayong Province, Thailand)
- [Report on the REBYC-II CTI Regional Meeting on the Future of Trawl Fisheries Management in Southeast Asia](#) (23-25 September 2016, Bangkok, Thailand)
- [Report of EAFM High-level Consultation for Leaders, Executives and Decision Makers](#) (17-18 October 2016, Hai Phong/Quang Ninh, Viet Nam)
- [Report on EAFM LEAD Writeshop on Material Finalization](#) (10-14 October 2016, Bangkok, Thailand)

Others

(by SEAFDEC Secretariat)

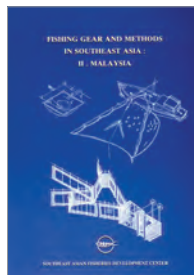
- [Report of the Regional Technical Consultation on Labor Aspects within the Fishing Industry in the ASEAN Region](#) (25-27 February 2016, Bangkok, Thailand)
- [Report of the Regional Technical Consultation on A Regional Approach to the Implementation of the FAO Voluntary Guidelines for Securing Sustainable Small-Scale Fisheries in the Context of Food Security and Poverty Eradication](#) (7-9 June 2016, Bangkok, Thailand)
- [Comparative Review of Laws and Regulations concerning Fisheries, Habitat Management and related Aspects between Cambodia and Lao PDR and between Cambodia and Viet Nam](#) (91 pages)

Fishing Technologies and Practices

Fishing Gears and Methods

A series of scientific volumes comprises information on fishing gear structures and fishing methods obtained through surveys conducted by scientific researchers and fishing gear experts in Malaysia, Viet Nam, Philippines, Thailand, Myanmar, Brunei Darussalam and Cambodia.

- [Fishing Gear and Methods in Southeast Asia: Malaysia](#) (1989)
- [Fishing Gear and Methods in Southeast Asia: Vietnam](#) (2002)
- [Fishing Gear and Methods in Southeast Asia: Philippines Part I](#) (2003)
- [Fishing Gear and Methods in Southeast Asia: Philippines Part II](#) (2004)



- Fishing Gear and Methods in Southeast Asia: Thailand (revision edition, 2004)
- Inland Fishing Gear and Methods in Southeast Asia: Myanmar (2006)
- Fishing Gear and Methods in Southeast Asia: Brunei Darussalam (2007)
- Fishing Gear and Methods in Southeast Asia: Cambodia (2007)

By SEAFDEC/TD



Pelagic Longline

The handbook describes the principles and techniques of good pelagic longline fishing, particularly for tunas. This could be used by fishers who want to start, refine or broaden their skills.

By SEAFDEC/TD



Mitigation of the Fishery-Sea Turtles Interaction: Efficiency of the Circle Hook in Comparison with J-Hook in Longline Fishery

The 8-page pamphlet describes the result from fishing gear experiment to compare the efficiency of circle hook and J-hook in pelagic longline fishing in the Southeast Asian waters.

By SEAFDEC/TD



Report on the Fishing Trial and Demonstration to Promote the Use of Circle Hook in Line Fishing (23-25 March 2011, Kampung Aceh, Perak, Malaysia)

This report describes the fishing trial and demonstration using circle hook in line fishing in Kampung Aceh, Perak, Malaysia during 23-25 March 2011.

By SEAFDEC/TD



Report on the Fishing Trial and Demonstration to Promote the Use of Circle Hook in Line Fishery (29 September - 1 October 2009, Kuching, Sarawak, Malaysia)

This report describes the fishing trial and demonstration using circle hook in line fishing in Kuching, Sarawak, Malaysia during 29 September to 1 October 2009.

By SEAFDEC/TD



Auxiliary Sail for Small/Medium Scale Fishing Boat

A 46-page technical manual describes the use of auxiliary sail, aiming to save fuel, reduce pollution due to combustion of hydrocarbons, and promote sail design that is practical for the Southeast Asian region.

By SEAFDEC/TD



Hauling Device and Hydraulic Engineering for Fishing Boats

The publication introduces the installation and utilization of onboard fishing machinery, particularly hauling device and hydraulic engineering, which is reliable and reduce cost of labor for small fishing boats.

By SEAFDEC/TD



Trawl in Southeast Asia and Coral Triangle

A poster provides information on trawl net in Southeast Asia and Coral Triangle region.

By SEAFDEC/TD



Classification of Bottom Trawl

A poster provides information on classification of bottom trawl.

By SEAFDEC/TD



Selective Fishing Devices

(all by SEAFDEC/TD)

Study on JTEDs in the Southeast Asian countries

- Study on JTEDs in Thailand (1998-1999)
- Study on JTEDs in Brunei Darussalam (2000)
- Study on JTEDs in Viet Nam (2001)
- Study on JTEDs in Malaysia (2001)
- Study on JTEDs in Philippines (2002)
- Study on JTEDs in Indonesia (2003)
- 2nd Study on JTEDs in Brunei Darussalam (2003)
- Study on JTEDs in Myanmar (2004)
- Study on JTEDs in Cambodia (2004)

Construction of Juvenile and Trash Excluder Device (JTED)

The booklet outlines the construction of a Juvenile and Trash Excluder Device using the Semi-Curved Rigid Sorting Grid Design in order to minimize the capture of juveniles and unwanted fishes from trawl fisheries.



Construction of Thai Turtle Free Device (TTFD)

The booklet outlines the construction of a Thai Turtle Free Device (TTFD) in order to minimize the sea turtles by-catch from trawl fisheries.



Energy Saving and Safety at Sea

(all by SEAFDEC/TD)

- [Proceeding of the First Regional Workshop on Safety at Sea for Small Fishing Boats](#) (17-19 December 2003, Thailand)
- [Report of the Second Regional Technical Workshop on Safety at Sea for Small Fishing Boats](#) (20-23 April 2010, Samut Prakan, Thailand)
- [Report of the Third Regional Technical Workshop of Safety at Sea for Small Fishing Boats](#) (19-22 December 2011, Samut Prakan, Thailand)
- [Report of SEAFDEC Regional Training Workshop on Optimizing Energy and Safety at Sea for Small Fishing Vessels](#) (4-8 February 2013, Bangkok, Thailand)
- [On-site Training Report on Optimizing Energy and Safety at Sea for Small Fishing Vessels](#) (19-21 March 2013, Da Nang, Vietnam)
- [On-site Training Report on Optimizing Energy Use and Safety at Sea for Small Fishing Vessels](#) (23-25 July 2013, Myeik, Myanmar)
- [Report of On-site Training on Energy Saving and Safety at Sea for Small Fishing Vessels](#) (29 September - 1 October 2015, Preah Sihanouk Province, Cambodia)
- [Report on Practical Training on Energy Audits for Fishing Vessels](#) (23-27 January 2017, Samut Prakan, Thailand)

VCDs on Fishing Technologies and Practices

(all by SEAFDEC/TD)

- [Anchovy Processing](#)
- [Brine System on M.V. SEAFDEC](#)
- [Code of Conduct for Responsible Fisheries](#)
- [Collapsible Crab Trap](#)
- [Connecting Lines](#)
- [Crab Bank](#)
- [Demonstration and Core Expert Meeting on Tagging Program for Economically Important Pelagic Species in the South China Sea and Andaman Sea](#) (1-3 May 2007, Samutsakorn Province, Thailand)
- [Demonstration and Training on By-catch Reduction Devices](#), (13-22 June 2004, Tual, Indonesia)
- [Demonstration and Training on By-catch Reduction Devices](#) (Sibolga -North Sumatera, Indonesia)
- [Demonstration and Training on TED & JTED in Arafura Sea, Indonesia](#)
- [Engine Analyzer](#)
- [Fishing Boats in Malaysia](#)
- [Fishing Boats in Southeast Asia](#)
- [Fishing Boats in Thailand](#)
- [Fishing Boats in the Philippines](#)
- [Giant Fish Trap](#)
- [Gill Net](#)
- [Introduction of Semi-curved Rigid Sorting Grid JTEDs \(Construction and Installation\)](#)
- [JTEDs in Brunei Darussalam](#)
- [JTEDs in Malaysia](#)
- [JTEDs in the Philippines](#)
- [JTEDs in Viet Nam](#)
- [JTEDs \(Sea Trial in Rayong Province, Thailand\)](#)
- [JTEDs in Indonesia \(various locations\)](#)
- [JTEDs in the Philippines \(various locations\)](#)
- [Line Fisheries](#)
- [Longline New Technology for Tuna in Southeast Asia](#)
- [M.V. SEAFDEC](#)
- [M.V. SEAFDEC 2](#)
- [Mollusk Culture in Thailand](#)
- [Onboard Fish Handling Technology and Refrigeration System on Thai Trawler](#)

- Practical Training/Demonstration and Experiments on the Juvenile and Trash Excluder Devices JTEDs in San Miguel Bay, Philippines
- Practical Training/Demonstration and Experiments on the Juvenile and Trash Excluder Devices JTEDs in Calbayog City, Philippines
- Simulator
- Squid Fishing Using Luring Lamp
- Surimi: Utilization of Low Market Value Food Fish
- Technical Assistance and Promotion of JTEDs in Perak Malaysia (2008)
- TEDs & JTEDs in Myanmar
- TEDs Television Program
- Thai Turtle Free Device
- The Second Demonstration and Experiment on the Juvenile and Trash Excluder Devices JTEDs in Viet Nam (12-24 September 2005)
- The Regional Practical Workshop on Selective Fishing Devices
- The Use of Turtle Excluder Devices in Thailand
- Trawl Fisheries
- Tuna Purse Seine
- Women in Fisheries
- Evolutionary of Sustainable Fisheries Management in Thailand
- Regional Training of Trainers Course on Improvement of Fisheries Information Collection in Coastal Small-scale and Inland Fisheries of the Southeast Asian Region
- Regional Training Workshop on Data Collection Trawl Fisheries Management Information and Data Requirement
- Long-term Training Course on Navigation and Fishing Boats Control

Fish Handling and Post-harvest Practices

Fish Handling, Preservation and Utilization

On-board Fish Handling and Preservation Technology

The 79-page book describes onboard fish-handling and preservation techniques in combination with practical refrigeration system, which has been introduced to fishers in Southeast Asian countries in order to maintain the freshness and quality of fish onboard fishing boats.

By SEAFDEC/TD



Report on the On-site Training for the Handling of Tuna on Board Handline Bancas

(10-11 December 2008, General Santos City, Philippines)

General Santos City has the highest daily tuna landing comparing to the other fishing ports in the Philippines. However, more than 70% of landed tuna are low quality due to poor handling and preservation technique on board fishing vessel. SEAFDEC therefore conducted an on-site training on appropriated tuna handling and preservation technique to local fishers, fishing boat owner and local officers concerns.

By SEAFDEC/TD



Handbook: Environmental/User Friendly Fish Handling Onboard

(Available in English and Thai versions)

The Handbook provides guidelines for the improvement of seafood safety, quality and sustainable utilization of catch and also promoting the best hygiene practices onboard fishing vessels at landing sites.

By SEAFDEC/TD



Handbook: On-Board Fish Handling Technology

This booklet provides guidelines for the improvement of seafood safety by fishers throughout the business chain.

By SEAFDEC/TD



Other Reports on Fish Handling

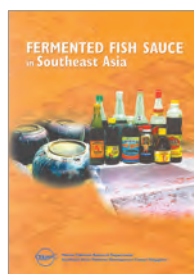
(all by SEAFDEC/TD)

- **Report for On-site Training Program on Environmental/User Friendly Fish Handling and Preservation Technique: Ice Slurry System Onboard Fishing Boats** (14 February 2012, Phu Yen Province, Viet Nam)
- **Report of Regional Training Course on Post-harvest Fish Handling Techniques** (8-16 October 2012, Samut Prakan Province, Thailand)
- **Report of Regional Training Course on Improvement of Tuna Handling** (11-13 December 2013, General Santos, Philippines)

Fermented Fish Sauce in Southeast Asia

In Southeast Asia, one of the methods of utilizing fish is to make it into fish sauce. Fish sauce is widely used as a condiment or as ingredient in cooking to add 'meat' flavor to the dishes. The book describes the characteristics and methods for producing the fish sauce.

By SEAFDEC/MFRD



Southeast Asian Fish Products (4th edition, 2002)

Fish is a major traditional source of animal protein in the Southeast Asian region. There are many varieties of freshwater and marine fish widely accepted by most people and religions. These products are also available as traditional fish products and are listed in this publication.

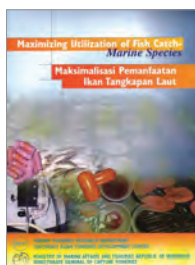
By SEAFDEC/MFRD



Maximizing Utilization of Fish Catch - Marine Species

The book includes a range of value-added products developed from marine fishes in the Southeast Asian region.

By SEAFDEC/MFRD



Maximizing Utilization of Fish Catch - Freshwater Species

The book includes a range of value-added products developed from freshwater fishes in the Southeast Asian region.

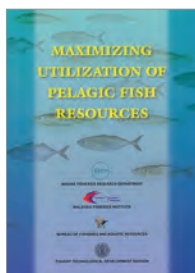
By SEAFDEC/MFRD



Maximizing Utilization of Pelagic Fish Resources

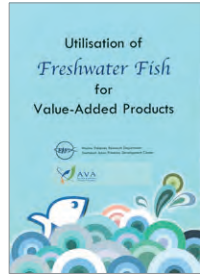
The 123-page manual describes the processing of pelagic fish species, *i.e.* comminuted products, dried products, fermented products, smoked products and others. Costing for each product category, and Standard Operating Procedures (SOP) for processing of surimi and unwashed minced fish meat from pelagic fish are also included.

By SEAFDEC/MFRD



Utilisation of Freshwater Fish for Value-Added Products

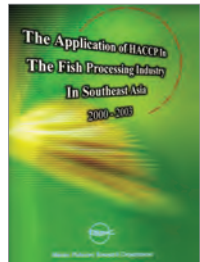
This publication is the major output of the project on Utilization of Freshwater Fish for Value Added products conducted by MFRD together with Indonesia, Myanmar, Lao PDR and Viet Nam, each of which developed two products from catfish, rohu and clown featherback fish. The handbook includes a description of freshwater fisheries in these countries, the freshwater species used, the value added products developed, the processing steps and, results of shelf-life studies.
By SEAFDEC/MFRD



Enhancing Quality and Safety of Fish Products

The Application of HACCP in the Fish Processing Industry in Southeast Asia 2000-2003

The publication includes individual Southeast Asian country's status report on the application of HACCP in the fish processing industry, as well as for traditional fish products.
By SEAFDEC/MFRD



Good Manufacturing Practice (GMP) for Small and Medium-sized Fish and Fish Products Pre-Processing Establishments in ASEAN

The publication compiles the GMP for selected Pre-Processing Establishment (PPEs) in the ASEAN countries, *i.e.* Shrimp PPE, Fish Meat/Filleting PPE, Crab Meat Picking PPE, and Shrimp Salting PPE. The process flow diagram, processing steps and GMP for the products are described.
By SEAFDEC/MFRD



Good Manufacturing Practice (GMP) for Small and Medium-sized Traditional Fish Products Processing Establishments in ASEAN

The publication compiles the GMP for selected Traditional Fish Products Processing Establishments (TPEs) in the ASEAN countries, *i.e.* shrimp paste (*belacan*, *mam tom*), fish sauce (*nam pla*, *nuoc mam*, *ngan pya ye*), shrimp sauce (*alamang*), salted and boiled fish (*pindang*), fish ball, dried fish (*pa heang*), dried shrimp, fish cracker (*keropok lekor*), smoked fish (*tinapa*), and fermented fish (*ngachin*).
By SEAFDEC/MFRD



Laboratory Manual of Standardized Methods for the Analysis of Pesticide and Antibiotic Residues in Aquaculture Products

The book describes the standardized methods for analyzing pesticides and antibiotic residues with the aim of building up and strengthening the regional capability in such analytical testing.

By SEAFDEC/AQD and MFRD



Laboratory Manual of Standardized Methods for the Analysis of Chloramphenicol and Nitrofurans Residues in Aquaculture Products

The book describes the standardized methods for analyzing Chloramphenicol (CAP) and Nitrofurans (NF), with the aim of building up and strengthening the regional capability in such analytical testing.

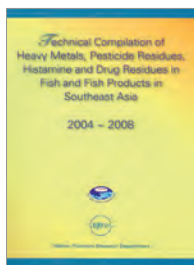
By SEAFDEC/MFRD



Technical Compilation of Heavy Metals, Pesticide Residues, Histamine and Drug Residues in Fish and Fish Products in Southeast Asia 2004-2008

The 203-page book compiles the baseline information on the current situation of chemical and drug residues in seafood in some Southeast Asian countries. The information is based on the regional surveys undertaken by SEAFDEC/MFRD under the project on "Chemical and Drug Residues in Fish and Fish Products in Southeast Asia."

By SEAFDEC/MFRD



Technical Compilation of Biotoxins Monitoring in ASEAN Region

The publication compiles the results of the biotoxins monitoring surveys conducted by some Southeast Asian countries participating in the project on biotoxins monitoring implemented by SEAFDEC/MFRD. The book also describes the recommended methods for biotoxins analysis.

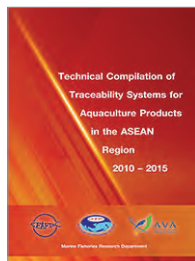
By SEAFDEC/MFRD



Technical Compilation of Traceability Systems for Aquaculture Product in the ASEAN Region 2010-2015

The publication provides a platform for the sharing of information and experiences among the ASEAN Member Countries on traceability systems, to better enable their aquaculture industries to implement appropriate traceability systems in aquaculture products and to meet international traceability requirements in the network of aquaculture production, marketing, and trade.

By SEAFDEC/MFRD



Promotion of "One Village, One Fisheries Product (FOVOP)"

- Report of the First Regional Technical Consultation (RTC) on the Promotion of "One Village, One Fisheries Product (FOVOP)" in the ASEAN Region (24-27 March 2008, Bangkok, Thailand)
- Report of the ASEAN-SEAFDEC Regional HRD Workshop on Identification of Potentials and Problem Areas for the Promotion of "One Village, One Fisheries Product (FOVOP)" in the ASEAN Region (8-22 August 2008, Chiang Mai, Thailand)
- Report of the Second Regional Technical Consultation on the Promotion of "One Village, One Fisheries Product (FOVOP)" in the ASEAN Region (22-26 March 2010, Chiang Mai, Thailand)

By SEAFDEC Secretariat

Aquaculture

AQD Magic

A 10-minute video that introduces visitors to AQD's research-and-development activities. Also includes short videos on AQD's Binangonan Freshwater Station, Dumangas Brackishwater Station and Igang Marine Station.

By SEAFDEC/AQD



Compendium of Aquaculture Technologies

A DVD that contains all of AQD's work for the past 35 years: 1973-2008

By SEAFDEC/AQD



Health Management in Aquaculture (2nd edition)

A 316-page textbook describes the major diseases of cultured fish & crustaceans including the prevention & control methods and diagnostic techniques for these diseases. New chapters on histology, probiotics, and epidemiology were also included in this edition.

By SEAFDEC/AQD

USD 43.00



Prevention and control measures against viral nervous necrosis (VNN) in marine fish hatcheries

A 38-page extension manual describes the clinical signs, behavioral changes, and species affected by the virus; detection, prevention and control methods are also included.

By SEAFDEC/AQD

USD 6.00

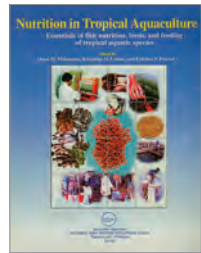


Nutrition in Tropical Aquaculture

The 221-page book has eight chapters, covering aspects on aquaculture nutrition, feed formulation and feeding management. This book is the product of more than 25 years of research experiences in fish nutrition and feed development at SEAFDEC/AQD.

By SEAFDEC/AQD

USD 4.00



Proceedings of International Seminar-Workshop on Mud Crab Aquaculture and Fisheries Management (10-12 April 2013, Tamil Nadu, India)

A 128-page book that documents the proceedings of the International-Workshop on Mud Crab Aquaculture and Fisheries Management in April 2013.

By SEAFDEC/AQD



Proceedings of ASEAN-SEAFDEC Regional Technical Consultation on Development and Use of Alternative Dietary Ingredients or Fish Meal Substitutes in Aquaculture Feed Formulation

(9-11 December 2014, Nay Pyi Taw, Myanmar)

The meeting was convened with the main purpose of providing a forum for charting the regional priorities and future directions on feed development, particularly on the use of alternative feed ingredients or protein substitutes.

By SEAFDEC/AQD



Proceedings of the International Workshop on Resource Enhancement and Sustainable Aquaculture Practices in Southeast Asia 2014 (RESA)

(5-7 March 2014, Iloilo City, Philippines)

The conference was held in order to promote and augment regional initiatives on resource enhancement and sustainable aquaculture practices, and to contribute to poverty alleviation, livelihood and food security in Southeast Asia. The contributions of the selected participants during the conference which are contained in this volume are cited individually.

By SEAFDEC/AQD



Proceedings of the ASEAN Regional Technical Consultation on EMS/AHPND and Other Transboundary Diseases for Improved Aquatic Animal Health in Southeast Asia

(22-24 February 2016, Makati City, Philippines)

This publication presents the outputs of the Regional Technical Consultation on EMS/AHPND and other Transboundary Diseases. The information and experiences compiled in this publication will help us face disease problems or health management issues in the future.

By SEAFDEC/AQD



Ecology and Farming of Milkfish

This book is a 171-page, reader-friendly illustrated account of the life history of milkfish (*Chanos chanos*) in nature and in aquaculture. It describes the different farming systems and status of the milkfish industry, and recommends means to ensure sustainability.

By SEAFDEC/AQD

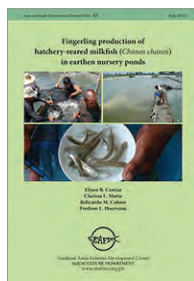
USD 13.00



Fingerling production of hatchery-reared milkfish (*Chanos chanos*) in earthen nursery ponds

A 32-page extension manual describes the three types of nurseries, site selection, and pond preparation; fry selection, handling, transport, acclimation and stocking; fish monitoring, feeding, and harvest; and economics.

By SEAFDEC/AQD
USD 6.00



Intensive culture of milkfish *Chanos chanos* in polyculture with white shrimp *Penaeus indicus* or mud crab *Scylla serrata* in brackishwater earthen ponds

A 29-page extension manual describing the biology, site selection, pond management and harvest & post-harvest practices of milkfish intensive polyculture in earthen ponds.

By SEAFDEC/AQD
USD 6.00



Milkfish *Chanos chanos* cage culture operations

A 39-page extension manual describing the biology, fingerling production, site selection, cage design & construction, measurement & analysis of water & sediment quality parameters and economic analysis of milkfish cage culture operations.

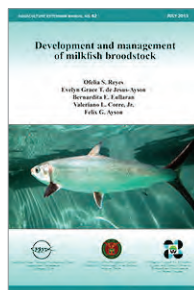
By SEAFDEC/AQD
USD 7.00



Development and management of milkfish broodstock

The manual provides developed and refined techniques for collection and transport of spawned eggs and larvae, as well as larval rearing. The manual also describes the necessary facilities for maintaining milkfish broodstock.

By SEAFDEC/AQD
USD 8.00

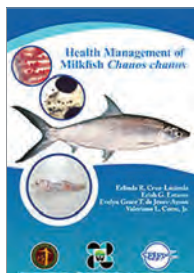


Health Management of Milkfish *Chanos chanos*

This monograph provides updated information on diseases of marine and brackishwater cultured milkfish in the Philippines. The information presented here is largely based on the results of a three-year research project on milkfish at the University of the Philippines Visayas funded by the Department of Science and Technology (DOST).

By SEAFDEC/AQD

USD 5.00



Seed production of milkfish *Chanos chanos* Forsskal

A 26-page manual describing the site selection, hatchery design, spawning, larval rearing, natural food production, and economic analysis for milkfish.

By SEAFDEC/AQD

USD 4.00



Tilapia broodstock and hatchery management

This 48-page manual is the result of the refinements of AQD's tilapia hatchery technology.

By SEAFDEC/AQD

USD 4.50



Modyular na pag-aalaga ng tilapyang lambat

A 27-page extension manual written in Filipino detailing traditional cage culture method, concept of modular cage culture, economic feasibility of modular cage culture and post harvest processing

By SEAFDEC/AQD

USD 5.00



Intensive culture of seabass, *Lates calcarifer* Bloch, in brackishwater earthen ponds

A 35-page extension manual describing criteria for site selection, monoculture and polyculture operations including feeds and feeding, harvest, common diseases, and economic analysis for seabass intensive culture

By SEAFDEC/AQD

USD 6.00

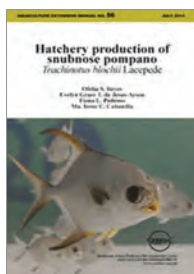


Hatchery production of snubnose pompano *Trachinotus blochii* Lacepede

A 26-page extension manual describing the biology, broodstock acquisition & management, larval rearing, harvest & transport and prevention of diseases & parasites in hatchery production of pompano.

By SEAFDEC/AQD

USD 5.00



Seed production of rabbitfish *Siganus guttatus*

A 19-page extension manual describing the biology, site selection, broodstock management, larval rearing and larval food production for rabbitfish.

By SEAFDEC/AQD

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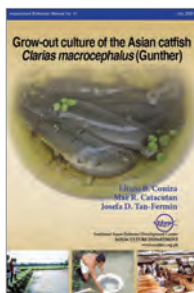


Grow-out culture of the Asian catfish *Clarias macrocephalus* (Gunther)

The 29-page manual deals with site selection, catfish rearing systems, disease management, and the economics of the grow-out culture of catfish.

By SEAFDEC/AQD

USD 6.00



Biology and hatchery of mud crabs *Scylla* spp.

This 47-page revised edition of the 2003 manual describes the hatchery protocol that SEAFDEC/AQD developed for the mass production of *Scylla* spp. Setting up of the hatchery is described, as are the steps in managing the breeders, larval rearing, and nursery rearing. Common problems and their solutions, and an updated economic analysis are also discussed.

By SEAFDEC/AQD

USD 8.00



Seed production and grow-out of mud crab (*Scylla paramamosain*) in Vietnam

This 29-page manual provides information on the biology and techniques in the larval rearing, nursery and grow-out of the mud crab *Scylla paramamosain*.

By SEAFDEC/AQD

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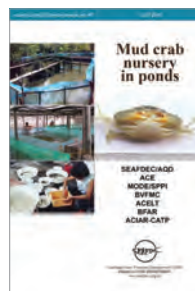


Mud crab nursery in ponds

A 27-page extension manual that is highly illustrated, detailing the biology, nursery, harvest, marketing, costs-and-returns of mud crab nursery in ponds

By SEAFDEC/AQD

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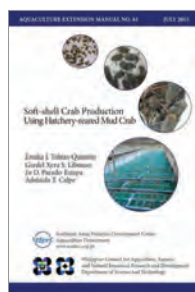


Soft-shell Crab Production Using Hatchery-reared Mud Crab

This manual includes sections on the biology of mud crab, how to set-up the facility, management of soft-shell crab production and the cost and return analysis.

By SEAFDEC/AQD

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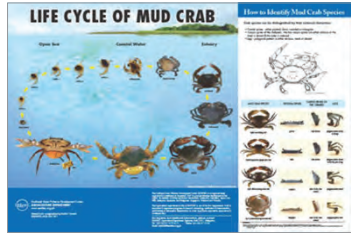


Life cycle of mud crab (poster)

A 36 x 24.5 inches poster showing the life cycle of mud crab and the identification of different mud crab species

By SEAFDEC/AQD

USD 6.00

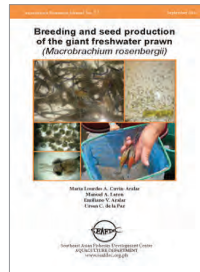


Breeding and seed production of the giant freshwater prawn (*Macrobrachium rosenbergii*)

A 33-page extension manual describing biology, broodstock management, hatchery & nursery operations, feeding management, packing & transport, and health management of the giant freshwater prawn

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USD 6.00



Best Management Practices for a Mangrove-Friendly Shrimp Farming

This 50-page manual puts together the best practices that SEAFDEC/AQD has developed in collaboration with the Department of Fisheries Thailand. These practices include the use of biomanipulators and greenwater system, the use of settling ponds with baffles and biofilters, the use of sludge collectors among others. These practices have been field-tested in Thailand, the Philippines, Myanmar and Viet Nam.

By SEAFDEC/AQD

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Cage culture of the giant freshwater prawn (*Macrobrachium rosenbergii*)

A 30-page extension manual describes biology, site requirement, grow-out operations, health management, harvest, post-harvest handling & processing, and economic analysis of freshwater prawn cage culture.

By SEAFDEC/AQD

USD 5.00



Philippine Freshwater Prawns (*Macrobrachium* spp.)

This 50-page manual provides information on the biology, morphology, natural distribution, habitat, and economic importance of selected freshwater prawns found in the Philippines.

By SEAFDEC/AQD

USD 6.00



Farming of the tropical abalone *Haliotis asinina*

A 30-page extension manual detailing site selection, nursery and grow-out operations, harvest for abalone farming tropical and live transport, and economic feasibility

By SEAFDEC/AQD

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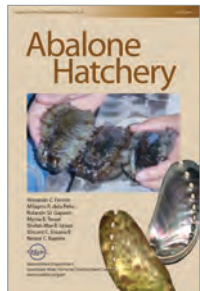


Abalone Hatchery

This 31-page manual contains information on abalone hatchery operation, including site selection, design, culture of natural food, broodstock management, spawning, nursery, packing and transport, and profitability analyses.

By SEAFDEC/AQD

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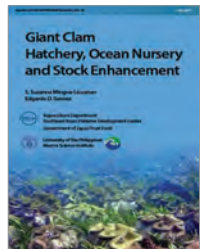


Giant Clam Hatchery, Ocean Nursery and Stock Enhancement

This 109-page manual details the propagation of giant clam for stock enhancement purposes. The publication was jointly published by SEAFDEC/AQD, UP-MSI and DA-BFAR.

By SEAFDEC/AQD

USD 14.00



Seed production of sandfish (*Holothuria scabra*) in Vietnam

A 12-page extension manual describing broodstock management, larval rearing, and management of sandfish nursery systems

By SEAFDEC/AQD

USD 4.00

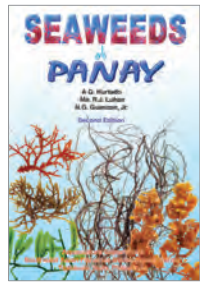


Seaweeds of Panay (2nd edition)

This 50-page book lists 112 species of seaweeds found in Panay Island in west central Philippines, 27 of which are new records to the area. Each color photograph is accompanied by a physical description. Common names, seaweed habitat, economic importance, and collection site are also noted.

By SEAFDEC/AQD

USD 5.00

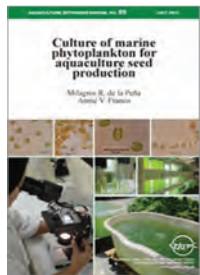


Culture of marine phytoplankton for aquaculture seed production

The 32-page extension manual describes the biology, culture techniques and maintenance and mass propagation of 12 phytoplankton species used as live feed in marine hatcheries.

By SEAFDEC/AQD

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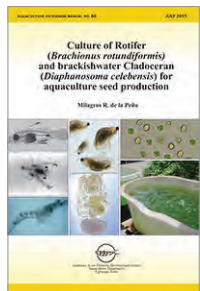


Culture of Rotifer and brackishwater Cladoceran (*Diaphanosoma celebensis*) for aquaculture seed production

A 32-page manual with topics on the biology and cultivation techniques of zooplankton.

By SEAFDEC/AQD

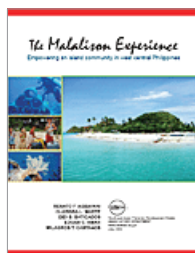
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The Malalison Experience: Empowering an Island Community in West Central Philippines

A 64-page booklet that describes SEAFDEC's community fishery resources management project from 1991 to 1998 with a post project assessment in 2009.

By SEAFDEC/AQD



Training Handbook on Rural Aquaculture

A 296-page handbook with chapters on concepts & approaches of sustainable rural aquaculture, importance & conservation of coastal ecosystems, aquaculture technologies, socio-economics of fishing communities, policies concerning fisheries and aquaculture in Southeast Asia, business planning, and approaches and strategies of the technology transfer pathways at SEAFDEC/AQD.

By SEAFDEC/AQD

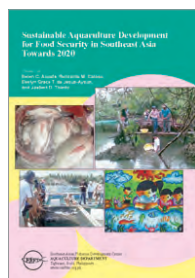


Sustainable Aquaculture Development for Food Security in Southeast Asia Towards 2020

This 169-page book documents the outputs from the Regional Technical Consultation on Sustainable Aquaculture held in Bangkok, Thailand during 17-19 March 2010.

By SEAFDEC/AQD

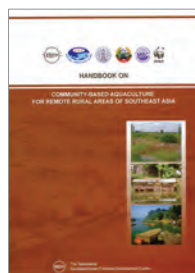
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Handbook on Community-based Aquaculture for Remote Rural Areas of Southeast Asia

The 179-page handbook elaborates the concept of community-based aquaculture to support the development of remote rural areas of Southeast Asia, and the applicable aquaculture techniques. The practical approaches for the promotion of aquaculture-based rural livelihood program are also explained.

By SEAFDEC Secretariat



Other Aquaculture Publications

(all by SEAFDEC/AQD)

- The Farming of the seaweed *Kappaphycus*. USD 3.00
- Tilapia farming in cages and ponds. (Available only in print)
- Induced breeding and seed production of bighead carp. USD 3.00
- Net cage culture of tilapia in dams and small farm reservoirs. USD 2.00
- Pen culture of mud crab in mangroves. USD 2.00
- Feeds and feeding of milkfish, Nile tilapia, Asian sea bass and tiger shrimp. USD 4.00
- Responsible aquaculture development. USD 6.00
- Important penaeid prawns and shrimps (poster). USD 2.00

Published Science Papers (all by SEAFDEC/AQD)

2017

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2. Kawamura G, Bagarinao T, Hoo PK, Justin J, Lim LS. 2017. Color discrimination I dim light by the larvae of the African catfish *Clarias gariepinus*. Ichthyological Research
3. Ludevese-Pascual G, Laranja JLQ, Amar EC, Sorgeloos P, Bossier P, De Schryver P. 2017. Poly-beta-hydroxybutyrate-enriched *Artemia* sp. for giant tiger prawn *Penaeus monodon* larviculture. Aquaculture Nutrition; pp422-429.
4. Mamauag REP, Ragaza JA. 2017. Growth and feed performance, digestibility and acute stress response of juvenile grouper (*Epinephelus fuscoguttatus*) fed diets with hydrolysate from milkfish offal. Aquaculture Research
5. Santander-Avanceña S, Parado-Esteva FD, Catedral DM, Faisan J, de la Peña LD. 2017. Abdominal segment deformity syndrome (asds) and fused body segment deformity (fbsd) in cultured *Penaeus indicus*. Aquaculture 466:20-25.

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7. David LT, Alayon SB. 2016. Digital curation projects: A study of selected academic and research repositories in the Philippines. *LIBRES: Library & Information Science Research Electronic Journal* 26:89-98.
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