



Training Course on Responsible Fishing Technologies/Practices to Combat IUU Fishing in Southeast Asia

18–27 August 2026, Bangkok and Chon Buri, Thailand

Training Course on Responsible Fishing Technologies/Practices to Combat IUU Fishing in Southeast Asia
18–27 August 2026, Bangkok and Chon Buri, Thailand

Global marine fishery production remains under intense pressure. According to FAO's most recent global assessment of marine fish stocks, about 35.5 percent of stocks are now fished at biologically unsustainable levels, while around 64.5 percent remain within sustainable limits. Illegal, Unreported, and Unregulated (IUU) fishing is among the most significant obstacles to reversing this decline. It is estimated to account for roughly 12 to 28 percent of the world's catch each year and results in major economic losses, undermining marine ecosystems, local livelihoods, and regional economies through inadequate law enforcement, unsustainable fishing practices, and limited regional cooperation.

Southeast Asia is particularly affected. ASEAN countries are estimated to have lost over USD 6 billion in 2019 alone to IUU fishing, with losses in some Southeast Asian countries equivalent to around 20 percent of the total value of fish landed. The sustainability of fish stocks and the resilience of coastal communities are at risk under these combined pressures. This training course is designed to directly address these challenges. Through a comprehensive curriculum, participants will learn how to combat IUU fishing by implementing responsible fishing technologies and practices. The course covers a wide range of topics, including an overview of recent international issues on IUU fishing, SEAFDEC initiatives, the main fishing gear and vessels and species of the region, the marking of fishing gear, and the inspection of fishing vessels and gears, complemented by hands-on practice and field observation. By the end of this training, participants will be better equipped to promote responsible fishing technologies and practices, ultimately contributing to a more sustainable and well-regulated fishing industry in Southeast Asia.

Objectives

- To enhance participants' knowledge and skills in implementing responsible fishing technologies and practices effectively to combat Illegal, Unreported, and Unregulated (IUU) fishing.

Expected Outputs

- Responsible fishing technologies and practices to combat IUU fishing are promoted.

Participants

Two (2) representatives from each ASEAN Member State who are officers in charge of IUU fishing measures within the fisheries administration and/or officers on fishery management or fishing gear affiliated with the fisheries administration or marine

institutions. We encourage gender-inclusive nominations, but due to donor requirements, participants must be civilian personnel.

Date and Venue (10 days: 7 training, 2 field/observation, 1 rest)

18–24 August 2026

Bangkok, Thailand (venue to be confirmed)

24–27 August 2026

Chon Buri, Thailand (venue to be confirmed)

Course Contents

- Overview of recent international issues on IUU fishing
 - Updates on global issues for combating IUU fishing
 - Countermeasures to combat IUU fishing
- Outlines of IUU fishing countermeasures and SEAFDEC initiatives to combat IUU fishing in Southeast Asia
 - Outlines of IUU fishing issues and countermeasures
 - SEAFDEC initiatives and countermeasure tools to combat IUU fishing in the region [e.g. electronic ASEAN Catch Documentation Scheme (eACDS), Port State Measures (PSM), Regional Fishing Vessel Record (RFVR)]
- Present situation of MCS on fishing vessels, gears and activities in each country
 - Updated status of monitoring, control and surveillance (MCS) on fishing vessels, gears and activities in each member country (brief country report presentation)
- Responsible fishing technologies/practices
 - Concepts and application of responsible fishing technologies and practices
 - Experience/lessons learned on the application of responsible fishing technologies and practices to address IUU fishing
- Main types of fishing gear and fishing vessels in Southeast Asia
 - Classification of the main types of fishing gear and fishing vessels used in the region
- Main species captured by the fishing gear
 - Identification of the main commercial species captured by the major gear types
- Inspection of fishing vessels and gears
 - Implementation of the inspection scheme of Thailand
- ALDFG and Marking of Fishing Gear
 - Introduction to the Voluntary Guidelines on the Marking of Fishing Gear based on FAO's concern on 'ghost fishing' by abandoned, lost or otherwise discarded fishing gear (ALDFG)
 - Experience/lessons learned on the marking of fishing gear in Thailand

- Practice on fishing gear inspection — measurement practice (SEAFDEC/TD)
 - Hands-on measurement of fishing gear specifications (e.g. mesh size and gear dimensions)
- Fishing vessel inspection at the Port In–Port Out (PIPO) control (Department of Fisheries, Thailand)
 - Brief on the fishing vessel inspection procedure
 - Legal framework and inspection scheme
 - Observation of the fishing vessel inspection at the Port In–Port Out control
- On-Site Training at Sea on Vessel Inspection in cooperation with the DOF patrol vessel (around Sattahip, Chon Buri)
- Observation trip
 - Samut Sakhon Fish Market
 - Fisheries Monitoring Center (FMC), Department of Fisheries, Thailand

Tentative Timetable

Date	Time	Activities	Remark
18 Aug 26 Tue	08.30-09.00	Registration	
	09.00-09.15	Speech from JICA	JICA representative
	09.15-09.30	Opening of Training Course	SG/ TDC
	09.30-09.45	Introduction of Training Course	TBD
	10.00-10.30	Group photo / Refreshment	
	10.30-12.00	Overview of recent international issues on IUU fishing	Mr. Kongpathai Saraphaivanich
	12.00-13.00	Lunch	
	13.00-15.00	Outlines of IUU fishing countermeasures and SEAFDEC initiatives in Southeast Asia	Mr. Kongpathai Saraphaivanich
19 Aug 26 Wed	15.00-16.00	Country report (Situation of MCS on fishing vessels, gears, and activities in each country)	Participants
	09.00-12.00	Country report (Situation of MCS on fishing vessels, gears, and activities in each country)	Participants
	12.00-13.00	Lunch	
20 Aug 26 Thu	13.00-16.00	Responsible fishing technologies/practices	Dr. Thanakorn Sangeamwong
	09.00-12.00	Main types of fishing gear and fishing vessels in Southeast Asia	Dr. Nopporn Manajit
	12.00-13.00	Lunch	

	13.00-16.00	Main species captured by the fishing gear	Dr. Supapong Pattarapongpan
21 Aug 26 Fri	09.00-12.00	Inspection of fishing vessels and gears	DoF
	12.00-13.00	Lunch	
	13.00-16.00	ALDFG and Marking of Fishing Gear	Mr. Santiphong Putsa
22 Aug 26 Sat	09.00-16.00	Practice on fishing gear inspection (Measurement practice)	SEAFDEC/TD
	17.00	Welcome dinner	TBD
23 Aug 26 Sun	06.00-12.00	Visit Samut Sakhon Fish Market	TBD
24 Aug 26 Mon	09.30-12.00	Visit the Fisheries Monitoring Center (FMC), DoF, Thailand	DoF
	12.00-13.00	Lunch	
	13.00-15.00	Leave Bangkok for Chon Buri	
25 Aug 26 Tue	09.00-12.00	Brief on the fishing vessel inspection procedure	Dr. Chonlada Meeanan
	12.00-13.00	Lunch	
	13.00-16.00	Observation of the fishing vessel inspection at the Port In-Port Out control	Dr. Chonlada Meeanan
26 Aug 26 Wen	09.00-17.00	Training at sea on a fishing vessel in cooperation with the DOF patrol vessel around Sattahip, Chon Buri	Dr. Chonlada Meeanan
27 Aug 26 Thu	09.00-11.00	Course Evaluation	
	11.00-12.00	Closing session	TBD

Contact person

Mr. Nakaret Yasuk (Fishing technology section head) e-mail: nakaret@seafdec.org

Mr. Santiphong Putsa (Fishing technology researcher) e-mail: santiphong@seafdec.org

Mr. Krittapas Suchato (Fishing technology researcher) e-mail: krittapas@seafdec.org