



Course Curriculum

Regional Training Course on Enhancing Capacity for Monitoring Control and Surveillance (MCS) of Domestic and International Fishing Vessels to Combat IUU Fishing

The Bay of Bengal Large Marine Ecosystem Project Phase II (BOBLME II) Project: GCP/RAS/305/GFF

**19–21 August 2025
Jakarta, Indonesia**

According to an FAO report, global marine fishery production has diminished, with Illegal, Unreported, and Unregulated (IUU) fishing identified as a pivotal contributing factor. IUU fishing constitutes a significant international issue, adversely impacting fisheries within national jurisdictions and on the high seas. This illicit practice undermines sustainable fisheries management by circumventing legal frameworks, leading to the depletion of fish stocks and impeding sustainability efforts. Southeast Asian countries are encountering increasing pressure on their fisheries resources due to IUU fishing, often linked to inadequate management of monitoring, control, and surveillance (MCS). These nations must prioritize preventive measures such as regulating fishing vessels, addressing overcapacity, and implementing effective rights-based fisheries systems. IUU fishing undermines national and regional conservation efforts, placing responsible fishers at a considerable disadvantage and necessitating urgent, transparent action.

In response, SEAFDEC, along with the Bay of Bengal Programme Inter-Governmental Organization (BOBP-IGO) and the International Union for Conservation of Nature (IUCN), will be executing the Sustainable Management of Fisheries, Marine Living Resources, and Their Habitats in the Bay of Bengal Region for the Benefit of the Coastal States and Communities (BOBLME II) project, implemented by the Food and Agriculture Organization of United Nations (FAO) under the Global Environment Facility (GEF), in seven countries, namely Bangladesh, India, Indonesia, Malaysia, Maldives, Sri Lanka, and Thailand.

The principal objective of the project is to contribute to the sustainable management of fisheries, marine living resources, and their habitats in the Bay of Bengal region, thereby reducing environmental stress and enhancing environmental status for the benefit of coastal states and communities. This will be accomplished through five interlinked components: 1) Sustainable Management of Fisheries, 2) Restoration and Conservation of Critical Marine Habitats and Conservation of Biodiversity, 3) Management of Coastal and Marine Pollution to Improve Ecosystem Health, 4) Improved Livelihoods and Enhanced Resilience of BOBLME, and 5) Regional Mechanism for Planning, Coordination, and Monitoring of BOBLME. SEAFDEC, as Executing Agency (EA), will lead Southeast Asia sub-regional coordination, provide technical advice, and enhance capacity building on related fishery issues under components 1, 3, and 5, which will be implemented in Indonesia, Malaysia, and Thailand from 2024 to 2028.

Accordingly, the project activities emphasize and support the capacity building for Indonesia, Malaysia, and Thailand in MCS activities. This includes organizing activities to share information and develop innovative tools. Despite these efforts, further development in knowledge and experience is necessary to effectively combat IUU fishing. To build capacity through increasing knowledge, skill, and experience for participating countries, SEAFDEC/TD will organize a regional training on relevant MCS subjects for the participating countries of Indonesia, Malaysia, and Thailand. The program aims to enhance participants' knowledge and skills, foster information sharing, and strengthen regional cooperation to combat IUU fishing for sustainable fisheries and marine resource management.

OBJECTIVES

Capacity Building: Enhance the knowledge of fisheries officers of three countries on the following by

1. Building up knowledge on implementation of MCS activities for domestic and foreign fishing vessels for combating IUU Fishing.
2. Lesson learned on implementation and use innovation technology for MCS activities to combat IUU fishing.

EXPECTED OUTPUTS

1. Enhanced capacity to implement effective MCS measures on both domestic and foreign fishing vessels, leading to reduced IUU fishing activities and improved fisheries management within participating countries.
2. Increased knowledge and experience on MCS activities.

PARTICIPANTS

Fisheries officers of all genders from BOBLME II project participating countries (Indonesia, Malaysia, and Thailand) who are responsible for MCS activities.

DATE AND VENUE

The regional training will be held on 19–21 August 2025 (3 days) in Jakarta, Indonesia.

TIMETABLE (TENTATIVE)

Remark: The timetable of the subject might be changed depending on the suitable and available resource person

19 August 2025

Remarks: Training venue in the hotel meeting room

Time	Subject	Resource person
09:00-09:30	• Statement by SEAFDEC • Opening ceremony by MMAF	
09:30-10:00	Implementation and supporting MCS for combating IUU fishing in Southeast Asia	Kongpathai Saraphaivanich SEAFDEC/TD
10:00-10:30	<i>Refreshment</i>	
10:30-12:00	MCS activity for domestic fishing vessels in Indonesia	MMAF
12:00-13:00	<i>Lunch</i>	
13:00-14:30	MCS activity for international fishing vessels in Indonesia • Port State Measures (PSM) ○ Inspection Scheme for Foreign Flag Vessels under PSMA ○ Legal Framework	MMAF

Time	Subject	Resource person
	○ Cooperation and Sharing of Information ○ Inspection before Entry to Port ○ Inspection at Port	
14:30-15:00	<i>Refreshment</i>	
15:00-16:30	Overview of MCS Implementation with a Focus on Surveillance by using innovation technology (such as VMS, AIS, etc.): a case study in Indonesia	MMAF
18:00-20:00	Reception Dinner host by SEAFDEC/TD	SEAFDEC/TD

20 August 2025

Remarks: Training Venue in the meeting room of MMAF

Time	Subject	Resource person
09:00-16:00	• Visiting and observing MCS activities as VMS monitoring and so on in the Directorate of Fisheries Resources Surveillance	MMAF
	• Visiting RPOA-IUU Secretariat and introduction of role, responsibility, and implementation activities of RPOA-IUU	RPOA-IUU Secretariat
	• Visiting the Command Centre and learning the monitoring system of fishing vessels (<i>Sistem Pemantauan Kapal Perikanan – SPKP</i>)	MMAF
	• Enforce fishery regulations based on SPKP analysis reports	MMAF

21 August 2025

Time	Subject	Resource person
09:00-16:00	• Visiting Fishing port to observe domestic and international MCS activities • Case study: Run Zeng Fishing Vessel Surveillance	UPT Jakarta