

Prospectus
Survey of Fishery Resources from Local Fishing Gears in Koh Panyee,
Phang Nga Province, Thailand
7–8 September, 5–6 October, and 3–4 November 2026

Introduction

The Survey of Fishery Resources from Local Fishing Gears in Koh Panyee, Phang Nga Province, Thailand will be conducted during September–November 2026 to collect and document data on fishery resources captured using local fishing gears. The activity aims to assess the species composition, abundance, and diversity of aquatic resources landed by local fishers, thereby providing information on the status of fishery resources in the area.

The survey findings will contribute to a better understanding of fishery resource utilization and the potential impacts of fishing activities on the local marine ecosystem. The results will support the development of sustainable fisheries management and conservation measures, including the promotion of responsible fishing practices and habitat conservation. In addition, the activity will strengthen collaboration among researchers, local communities, and fishers, while enhancing awareness of the importance of conserving marine resources for long-term sustainability.

Objectives

1. To collect data on species and quantities of aquatic resources caught by various fishing gears (e.g., gill nets, drift nets, encircling nets, shrimp trammel nets, crab nets, crab traps, and fish traps).
2. To assess biodiversity and the abundance of aquatic resources based on the collected data.
3. To provide information that supports the planning and development of sustainable fisheries management measures.

Expected Outputs

1. An updated database of species, quantities, and biodiversity of aquatic resources in Koh Panyee.
2. Practical guidelines for sustainable fisheries resource management, including regulation of fishing gear and effort.
3. Recommendations for conservation measures, such as designated protected areas and seasonal closures.
4. Enhanced community awareness of the importance of sustainable resource use.

Target Participants

1. Academics and researchers from the Department of Fisheries
2. Local fishery leaders and organizations in Koh Panyee
3. Local fishers in the Koh Panyee community

Timetable

The surveys will be conducted on **7–8 September, 5–6 October, and 3–4 November 2026**, with each survey conducted over two days. The tentative schedule is as follows.

Day 1	
08:45–09:00	Departure from pier to Koh Panyee
09:00–10:00	Introduction and overview of marine resources in the area
10:00–12:00	Field survey: interviews on fishing gears (gill nets, drift nets, encircling nets, shrimp trammel nets)
12:00–13:00	<i>Lunch</i>
13:00–16:30	Field survey: interviews on crab nets, crab traps, fish traps
Day 2	
08:45–09:00	Summary of Day 1 and group discussion on sustainable fisheries management
09:00–12:00	Field survey: fishery resources from fishing boats at local landing sites
12:00–13:00	<i>Lunch</i>
13:00–16:30	Field survey: fishery resources from fishing boats at local landing sites (cont.)
16:30–17:00	Return from Koh Panyee