



**Establishment and Operation of a Regional System of
Fisheries *Refugia* in the South China Sea and Gulf of Thailand**

REPORT

**FIELD TRIP REPORT TO FOLLOW UP THE
IMPLEMENTATION OF COLLABORATION AND
ENFORCEMENT PROGRAM FOR MACKEREL REFUGIA AT
PEAM KRASOB, KOH KONG PROVINCE**

**KOH KONG, CAMBODIA
14 JANUARY 2022**

Prepared by
**DEPARTMENT OF FISHERIES CONSERVATION
FISHERIES ADMINISTRATION
CAMBODIA**

**SOUTHEAST ASIAN FISHERIES DEVELOPMENT CENTER
TRAINING DEPARTMENT**



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1. Field Trip Objective

To follow up the management of mackerel refugia at Peam Krasob, Koh Kong province under funded by SEAFDEC/UNEP/GEF/Fisheries Refugia.

2. Date and Place

It started on 14 January 2022 in Koh Kong province.

3. Involved Person

This field trip has been attended by the leader and officers from Department of Fisheries Conservation of the Fisheries Administration, Fisheries Administration Cantonment, and Community Fisheries. The list of participants was attached in Appendix 1.

4. Result of the Field Trip

4.1 Meeting with Koh Kong FiAC

Department of Fisheries Conservation (DFC) made sub-contract with FiAC in Koh Kong province supporting budgets from SEAFDEC/UNEP/GEF/Fisheries Refugia related to the management of short mackerel refugia site during closed season of short mackerel starting from 1st December 2021 to 31st March 2022 based on the MAFF's Proclamation on the Establishment of Management Area of short mackerel refugia at Peam Krasob, Koh Kong province dating 16 September 2019.

Therefore, teamwork met and discussed with FiAC in Koh Kong province to follow up activities done related to the management of the refugia site. FiAC reported the management of short mackerel refugia during the closed season of the short mackerel as following:

- **Patrolling Activities:**

During closed season of short mackerel starting 1st December to 31st March, FiAC collaborated with Community Fisheries and Police Post of Peam Krasob commune to patrol and monitor illegal fishing at the refugia site. FiAC added that there is still a few illegal fishing at the refugia site, especially happening at the night time.

- **Dissemination Activities:**

FiAC always disseminated the noticed letter on closed season of short mackerel at Peam Krasob issued provincial hall administration every year during spawning time of fish through local media, provincial hall administration social media, and meeting face to face with to fishers, local authorities, and community fisheries. The purpose of this dissemination is to inform fishermen to know about spawning season of short mackerel starting from 1st December to 31st March, not allowing fishing this time at the refugia site. In particular, FiAC also inform fishers and CFis to know about the below coordinate points:

- X= 282377 Y=1268254; X=281280 Y=1269992; X=279690 Y=1272269;
- X=277268 Y=1271174; X=277813 Y=1270344; X=278294 Y=1269592;
- X=278746 Y=1268905; X=279161 Y=1268570; and X=280372 Y=1267030

- **Deploying Activities of Concrete Boxes into the Refugia Site:**

Due to supporting budgets from EU project, 50 concrete boxes have been deployed into the mackerel refugia site in order to prevent trawlers to fish at the refugia sit, but to provide artificial reef for aquatic animal species to home and grow.

4.2 Visiting Mackerel Refugia Site

A mackerel refugia site is located at Village 1 and 2, Peam Krasob commune, Mondol Sema district, Koh Kong province, which is the size of 1283ha and the refugia have been recognized legally on 16 September 2019. Participants of this event are from Department of Fisheries Conservation/FiA, Fisheries Administration, and Peam Krasob Cfi.

Generally, it is observed that the mackerel refugia site look a good environment and has buoys to remark the boundary of the refugia site; however these buoys are still small numbers. FiAC proposed to deploy more buoys around the refugia site, which facilitate easily to fishermen to eye a clearly boundary of the refugia site. FiAC and Cfi reported that the most of fishermen are delighted to establish the refugia site there because it helps to make fish abundant, and water quality clean.

4.3 Discussion with Community Fisheries

Peam Krasob Cfi is located at Village 1 and 2 at Peam Krasob commune of Mondol Sema district, Koh Kong province. This Cfi has been established in 2013, which is the total size of 2,272ha and has the total member of 270 households. Nowadays, Capture Fisheries Project supporting budgets from EU built the Cfi's Post Office at Village 1 and 2 of Peam Krasob commune.

Cfi reported the status of short mackerel refugia so far that after the establishment of the refugia site, it is observed that short mackerel increases as well as dolphin. However, there are still a few illegal fishing at the refugia site. Therefore, they proposed to install wooden poles around the refugia site, which are advantage to remark the boundary of refugia site and do a green mussel culture for the members of Cfi to increase their income instead of fishing as well. Although, Peam Krasob Cfi met problems in the past such as the lack of budgets, materials, and equipments to patrol, fishermen from outside (i.e. fishers are from Preah Sihanouk and Kampot provinces) always go fishing at the refugia site during the night time.

ANNEX 1: List of participants attending the field trip to follow up the implementation of collaboration and enforcement program for mackerel refugia at Peam Krasob, Koh Kong province on 14 January 2022

No.	Name	Sex	Title	Organization	Telephone
1	Ouk Vibol	M	Director	DFC/FiA	012908121
2	Seng Bunna	M	Deputy Director	FiAC in Koh Kong	016885709
3	Leng Sy Vann	M	Deputy Director	DFC/FiA	017446373
4	Mey Thorn	M	Head of CFI	Peam Krasob CFI	0883310673
5	Rous Saret	M	Vice Head of Division	DFC/FiA	011664696
6	Neay Salout	M	Officer	FiAC in Koh Kong	0968479894
7	Hin La	M	Head of Division	FiAC in Koh Kong	015896967
8	Ly Dara	M	Head of Division	FiAC/PDoA	087677600

ANNEX 2: Schedule for the field trip to follow up the implementation of collaboration and enforcement program for mackerel refugia at Peam Krasob, Koh Kong province on 14 January 2022

Date/Time	Description	Responsible person
13 January 2022		
9:00am-4:00pm	Leaving Phnom Penh for Koh Kong province	<ul style="list-style-type: none"> Mr. Leng Sy Vann Mr. Rous Saret
14 January 2022		
8:30am- 10:00am	Discussion with Kep FiAC	DFC and FiAC
10:00am- 12:00pm	Monitor Mackerel Refugia Site	DFC, FiAC and CFIs
12:00pm-1:00pm	Lunch break	DFC, FiAC and CFIs
1:00pm-3:00pm	Monitor Mackerel Refugia Site	DFC, FiAC and CFIs
3:00pm -5:00pm	Discussion with Peam Krasob Community Fisheries	DFC, FiAC and CFIs
15 January 2022		
9:00am-1:30pm	Leaving Koh Kong for Phnom Penh	

ANNEX 3: Participants' pictures in the field trip to follow up the implementation of collaboration and enforcement program for mackerel refugia at Peam Krasob, Koh Kong province on 14 January 2022

