



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

REPORT

**FIELD TRIP REPORT OF HIGH RANK OFFICER FROM MAFF
TO MONITOR ACTIVITIES OF MACKEREL REFUGIA
MANAGEMENT IN KOH KONG PROVINCE**

**KOH KONG, CAMBODIA
9 – 10 FEBRUARY 2022**

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

**SOUTHEAST ASIAN FISHERIES DEVELOPMENT CENTER
TRAINING DEPARTMENT**



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Southeast Asian Fisheries Development Center
Training Department
P.O.Box 97, Phrasamutchedi, Samut Prakan, Thailand
Tel: (66) 2 425 6100
Fax: (66) 2 425 6110
<https://fisheries-refugia.org> and
<https://seafdec.or.th>

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1. Field Trip Objective

To monitor a mackerel refugia management in Koh Kong province under funded by SEAFDEC/UNEP/GEF/Fisheries Refugia.

2. Date and Place

It started on 09 to 10 February 2022 in Koh Kong province.

3. Involved Person

This field trip was attended by H.E Undersecretary of State of Ministry of Agriculture, Forestry, and Fisheries, Fisheries Administration, Provincial Department of Agriculture, Forestry, and Fisheries, Fisheries Administration Cantonment, and Community Fisheries. The list of participants was attached in Appendix 1.

4. Result of the Field Trip

4.1 Visiting Mackerel Refugia Site

The delegation from the MAFF visited mackerel refugia site at Village 1 and 2 of Peam Krasob commune, Mondol Sema district, Koh Knong province, which is the size of 1283ha. During visiting the refugia site, FiAC and CFi reported that short mackerel increases and dolphin came back after the establishment of short mackerel refugia. FiAC and CFi added that this is spawning season of short mackerel starting from 1st December to 31st March, so fishing mackerel was banned at Peam Krasob commune.

H.E Undersecretary of State clarified that the establishment of short mackerel refugia really contribute to increasing fish stock and improving water environment and ecosystem as well as being back of Dolphin.

4.2 Visiting Chrov Pros CFi

4.2.1 Visiting Crab Bank in Chrov Pros

Delegation continued to visit the Crab Bank in Chroy Pros and this crab bank supported budgets from CORIN since 2009. Nowadays, Chroy Pros CFi still resumes activities to manage the crab bank meanwhile CORIN ended supporting Chroy Pros CFi for many years. The aim of creation of the crab bank is to increase a crab stock in the nature.

Fishermen still feel happy to join contributing gravid crabs to CFi to maintain these crabs for breeding in plastic tanks. CFi reported that the gravid crab have been maintained in the plastic tanks in the period of 24hours after the crabs start to release eggs for breeding. After 15 days, CFi will release these crab young into sea water.

4.2.2 Visiting Construction of Concrete Block

Delegation from MAFF continued to visit the construction of concrete blocks at Chroy Pros commune, Mondol Sema district, Koh Kong province. CFi collaborating with FiAC will plan to deploy 150 concrete blocks into sea grass area of 575ha in order to protect those sea grasses from trawler fishing.

4.3 Consultative Meeting with PDoA and FiAC

This consultative meeting was organized by Provincial Department of Agriculture, Forestry, and Fisheries collaborating with FiAC, which was conducted at PDoA. The meeting was attended by H.E. Undersecretary of State of Ministry of Agriculture, Forestry, and Fisheries, Fisheries Administration, PDoA, FiAC, and Provincial Hall Administration.

H.E. Khun Savoeun, Undersecretary of State of Ministry of Agriculture, Forestry, and Fisheries expressed thank all participants very much that took their opportunities to join the meeting. H.E informed the meeting that the establishment of mackerel refugia is very important in ensuring sustainable mackerel fishing in current and future time, so this is a good management measure of marine fisheries resources, especially mackerel in line with the MAFF policy in the establishment of Marine Fisheries Management Area in coastal provinces in term of the management and use of long term marine fisheries resources.

Mr. Seng Bunna, Deputy Director of FiAC of Koh Kong reported a meeting about the management of mackerel refugia at Peam Krasob. He informed that mackerel refugia at Peam Krasob has been established and recognized legally since 16 September 2019. This refugia site has been managed well with signing boards installed to remark the boundary of the refugia site.

He observed that mackerel is more abundant after the establishment of this site and community fisheries have also participated in the protection of the refugia site, however there is still a few illegal fishing at the refugia site. He added that to ensure effective refugia management, DFC/FiA collaborated with FiAC and CFi to build and deploy 50 concrete blocks (supporting budgets from CAPFISH-Capture Project) into the refugia site. The aim of deploying concrete blocks is to curb trawlers to fish at the refugia area and provide artificial reef to aquatic animal species to home, grow, and spawn.

ANNEX 1: List of participants attending the field trip to monitor activities of mackerel refugia management in Koh Kong province on 09-10 February 2022

No.	Name	Sex	Title	Organization	Telephone
1	H.E Khun Savoeun	M	Under Secretary of State	MAFF	012788729
2	EE Meng Lieng	M	Director	PDoA in Koh Kong	
3	Seng Bunna	M	Deputy Director	FiAC in Koh Kong	016885709
4	Leng Sy Vann	M	Deputy Director	DFC/FiA	017446373
5	Chhor Bun Chhung	M	Deputy Director of Marine Inspectorate of Fisheries Administration	FiA	016771768
6	Hin La	M	Head of Division	FiAC in Koh Kong	015896967
7	Neay Salout	M	Officer	FiAC in Koh Kong	0968479894
8	Suang Sam Orn	M	Director of Inter-sector Division	Koh Kong Provincial Administration	086848727
9	Leng Chhan Sophea	M	Head of Division	PDoA in Koh Kong	010760167
10	Ly Dara	M	Head of Division	FiAC in Koh Kong	067677600
11	Hay Nan Heng	M	Assistance to H.E Khun Savoeun	MAFF	0966557660
12	Top Chan Aun	M	Deputy Director	IFReDI/FiA	085229939
13	Vong Savoeun	M	Officer	DAAL/FiA	012994337

ANNEX 2: Schedule for the field trip to monitor activities of mackerel refugia management in Koh Kong province on 09-10 February 2022

Date/Time	Description	Responsible person
08 February 2022		
9:00am-4:00pm	Leaving Phnom Penh for Koh Kong province	<ul style="list-style-type: none"> • Mr. Leng Sy Vann • Mr. Tob Chan Aun • Mr. Vong Savoeun
09 February 2022		

8:30am- 10:00am	Visit Mackerel Fisheries Refugia Site at Peam Krasob	MAFF, FiA, PDoA , FiAC, and CFi
10:00am- 11:00pm	Meet and discuss with Chhroy Pros CFi	MAFF, FiA, PDoA , FiAC, and CFi
11:00am -12:00pm	Visit Crab Bank in Chhroy Pros CFi	MAFF, FiA, PDoA , FiAC, and CFi
12:00pm-1:00pm	Lunch break	All
1:00 pm - 2:00pm	Visit Construction of Concrete Boxes in Chhroy Pros CFi	MAFF, FiA, PDoA , FiAC, and CFi
2:00pm – 3:00pm	Visit harvesting a green mussel culture in Chhroy Pros CFi	MAFF, FiA, PDoA , FiAC, and CFi
3:00pm- 4:30pm	Come back to Koh Kong city	MAFF, FiA, PDoA , FiAC, and CFi
10 February 2022		
8:30am -9:00am	Registration of participants	FiAC and PDoA Officers
9:00am-9:30am	Open a meeting	H.E Khun Savoeun Under Secretary of State of MAFF
9:30am-10:00	Progress report on mackerel refugia management in Koh Kong	Mr. Seng Bunna Deputy Director of FiAC in Koh Kong
10:00am-12:00pm	Discussion and addressing all issues	H.E Khun Savoeun Under Secretary of State of MAFF
12:00pm-2:00pm	Lunch break	All
11 February 2022		
9:00am-4:00pm	Leaving Koh Kong for Phnom Penh	

ANNEX 3: Participants' pictures in the field trip to monitor a progressing of marine fisheries resources protection and conservation in Koh Kong province on 09-10 February 2022



