



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

REPORT

**STAKEHOLDER CONSULTATION WORKSHOP FOR FISHERIES
REFUGIA WITH PROVINCIAL LINE DEPARTMENTS IN KAMPOT**

**KAMPOT, CAMBODIA
14 NOVEMBER 2018**

Prepared by
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TRAINING DEPARTMENT



**Southeast Asian Fisheries
Development Center**



**United Nations
Environment**



**Global Environment
Facility**

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1. Opening workshop

- 1) The stakeholder consultation workshop for fisheries *refugia* was organized by Fisheries Administration
- 2) FiA of Cambodia collaborating with Kampot Fisheries Administration Cantonment on 14 November 2018 funded by SEAFDEC/UNEP/GEF Fisheries *Refugia*. The workshop was conducted at Kemara Guest House in Kampot, that was attended by 23 total participants from Fisheries Administration Cantonment in Kampot, Department of Environment, Department of Planning, Department of Tourism, Department of Land, Construction and Cadastral, Department of Planning, Provincial Military Police, Marine Navy, Water Boundary Police 241. (See **annex 1, 2 &3**)
- 3) **Mr. Leng Sy Vann** expressed thanks very much and welcomed to all participants from provincial line departments, taking their opportunities to attend one day- workshop. This showed that their feeling and emotions loved marine fisheries resource contributing to enhancing food security and local livelihood.
- 4) He added that marine fisheries resource will be abundant and increase if the management measurement does well. Therefore, the fisheries *refugia* project is such form of fisheries resource management, contributing to protecting and conserving some species in order to ensure sustainable fish stock and use. Then he declared to open that workshop from now.

2. Summary of workshop objectives

- 5) **Mr. Seng Leang**, Director of Administrative and Extension Division, the Department of Fisheries Conservation presented the workshop objectives, focusing on the discussion of selected sites, aquatic species in selected sites, connection between fish biology and its environment, problem setting, and threading important fish species. Long-term results of the project included sustainable fishery resources management, increasing important fish species, marine natural balance, sustainable fishing fishermen, increasing local livelihood.

3. Discussion of watching video clip on fisheries *refugia* initiative

- 6) **Mr. Leng Sy Vann** presented Video Clip on fisheries *refugia* initiative prepared by SEAFDEC/UNEP/GEF. He added that the main objectives of the video clip is to want to show about marine fisheries issues in South East Asia, leading declining fisheries resource and lack of food security in South East Asia. Those are causing from increasing in small scale fishers, explosive fishing, sea grass and coral reef destruction, and water pollution from factories, tourism sector, and aquaculture development.
- 7) Then, he raised Thai expert from SEAFDEC concerning about the capture of juvenile, making impact of fish stock and brood stock at future. Those made fisheries resources declined gradually. Therefore, fisheries *refugia* initiative plays main roles in ensuring food security, income, and enhancement of local livelihood with more than 270 million people living on SCS' s coastal to promote sustainable use rather than prohibiting fishing.

4. Overview of objectives of seafdec/unep/gef fisheries *refugia* initiative

- 8) **Mr. Leng Sy Vann** presented the overview of objectives of SEAFDEC/UNEP/GEF FISHERIES *REFUGIA* INITIATIVE. His presentation focused on longer-term project goal, medium-term project objectives, and specific project objective. The longer-term project goals focused on transformational change in how the fisheries and environment sectors work together, medium-term project objectives focused on align with those of the fisheries component of the Strategic Action Programme for the South China Sea; and specific project objective focused on operational management of key threats to fish stock and critical habitat linkages.

- 9) He added that the project of fisheries *refugia* has 4 components, including 1) **component 1**: Identification and management of fisheries and critical habitat linkages at priority fisheries *refugia* in the South China Sea; 2) **component 2**: Improving the management of critical habitats for fish stocks of trans-boundary significance via national and regional actions to strengthen the enabling environment and knowledge-base for fisheries *refugia* management in the South China Sea; 3) **component 3**: Information Management and Dissemination in support of national and regional-level implementation of the fisheries *refugia* concept in the South China Sea and Gulf of Thailand; and 4) **component 4**: National and regional cooperation and coordination for integrated fish stock and critical habitat management in the South China Sea and Gulf of Thailand.

5. Background of strategic action program for south china sea and development of fisheries *refugia* initiative

- 10) **Mr. Leng Sy Vann** presented the Background of Strategy Action Program for South China Sea and Development of fisheries *refugia* initiative, focusing on GEF's role in addressing global environment problems, especially South China Sea and Gulf of Thailand. The GEF is established in 1992 in Brazil, and which has its mechanism to solve these problems happening through TDA (Trans-boundary Diagnosis Analysis) and SAP (Strategic Action Program). To address these issues, GEF setting its goal is to promote collective management of trans-boundary water system and implementation of full range of policy, legal and institutional reforms, and investment contributing to sustainable use and maintenance of ecosystem services.
- 11) He added that so the Project of Establishment and Operation of Regional System of Fisheries *Refugia* in South China Sea and Gulf of Thailand has been developed in GEF-6 IW Strategy that is the project to help and solve global environment issues and also to ensure sustainable fishery resources uses. Therefore, Fisheries *Refugia* concept developed and what is the Fisheries *Refugia*? Fisheries *Refugia* are "Spatially and geographically defined, marine or coastal areas in which specific management measures are applied to sustain important species [fisheries resources] during critical phases of their life-cycle, for their sustainable use.". So far, the regional fisheries *refugia* sites are identified for 52 known spawning and nursery areas.

6. Discussion on identification of provincial program/project related to sustainable development

- 12) **Mr. Leng Sy Vann** explained to all participants from the relevant departments, provincial military police, and maritime navy related to provincial sustainable development projects/programs.
- 13) According to discussion results, many provincial development projects/programs have been implements by relevant departments and civil societies in Kampot province. Those projects are focusing on the enhancement of food security, fisheries resource conservation, and the improvement of local livelihood.

14) The Identification of provincial program/projects related to sustainable development are as following table:

Project Name	Implemented Agencies	Target	Timeframe	Action implementation
Strengthening livelihood capacity and stock enhancement	CORIN has been collaborated with <ul style="list-style-type: none"> - Fisheries Administration Cantonment - Provincial Department of Environment - Provincial Department of Tourism - Training and Vacation School 	CORIN Has been implemented activities in Tek Chhou district and Working with <ul style="list-style-type: none"> - Trapaining Ropaov Community Fisheries - Prek Thnaot Community Fisheries - Chhorng Hor Community Fisheries, and - Kep Thmey Community Fisheries Moreover, CORIN has been implemented activities in Kampong Trach district and working with <ul style="list-style-type: none"> - Lok Community Fisheries, and - Koh Kresnar Community Fisheries 	2007 to present	<ul style="list-style-type: none"> - Human resource building - Marine aquaculture promotion - Blood cockle seed conservation at Prey Thnob district, Preh Sihanouk province from 2015 to present - Crab bank - Integrated farming - Trans-boundary cooperation
Promotion of food security and children and women right	Children and Women Development Center in Cambodia (CWDC)	CWDCC has been implemented activities in Tek Chhou district and working with <ul style="list-style-type: none"> - Kampong Samaky Community Fisheries - Trapaing Sangke Community Fisheries 	2010 to present	<ul style="list-style-type: none"> - Fisheries conservation, including mangrove forest restoration - Ecotourism - Livelihood enhancement
Enhancement of food safety and community education	SAMAKY Organization	SAMAKY Organization Has been implemented activities in Tek Chhou district and working with Trapaining Ropaov Community Fisheries	2016 to present	<ul style="list-style-type: none"> - Fisheries conservation, including mangrove forest restoration - Ecotourism - Livelihood enhancement

				<ul style="list-style-type: none"> - Aquaculture, and - Crab bank
Community Fisheries Enhancement	Building Community Voice (BCV) Organization	Working with Kep Thmey Community Fisheries and To Teng Thnai community fisheries in Tek Chhou district	2017 to present	<ul style="list-style-type: none"> - Fisheries conservation, including mangrove forest restoration - Ecotourism - Livelihood enhancement - Strengthening land title right
Marine fisheries resource protection and conservation	Wild Earth Allies (WEA)	WEA has been implemented in Tek Chhou district and working with <ul style="list-style-type: none"> - Trapaining Ropaov Community Fisheries, and - Trapaing Sangke Community Fisheries 	2018 to present	<ul style="list-style-type: none"> - Research the habitat of fisheries and endangered aquatic animal - Strengthening local authorities, and community fisheries capacity - Support patrolling group - Livelihood enhancement - Promote crab bank, aquaculture, and - ecotourism for future plan.

7. Discussion on priority fisheries specie and threat to fish life cycle and critical habitat linkage

15) **Mr. Leng Sy Vann** explained to participants about how to do the matrix of priority fisheries specie and threat to fish life cycle and critical habitat linkage. Many stages of fish life cycle are included such as spawning, juvenile, and adult. According to table on discuss results, Grouper is selected to discuss in Kampot province.

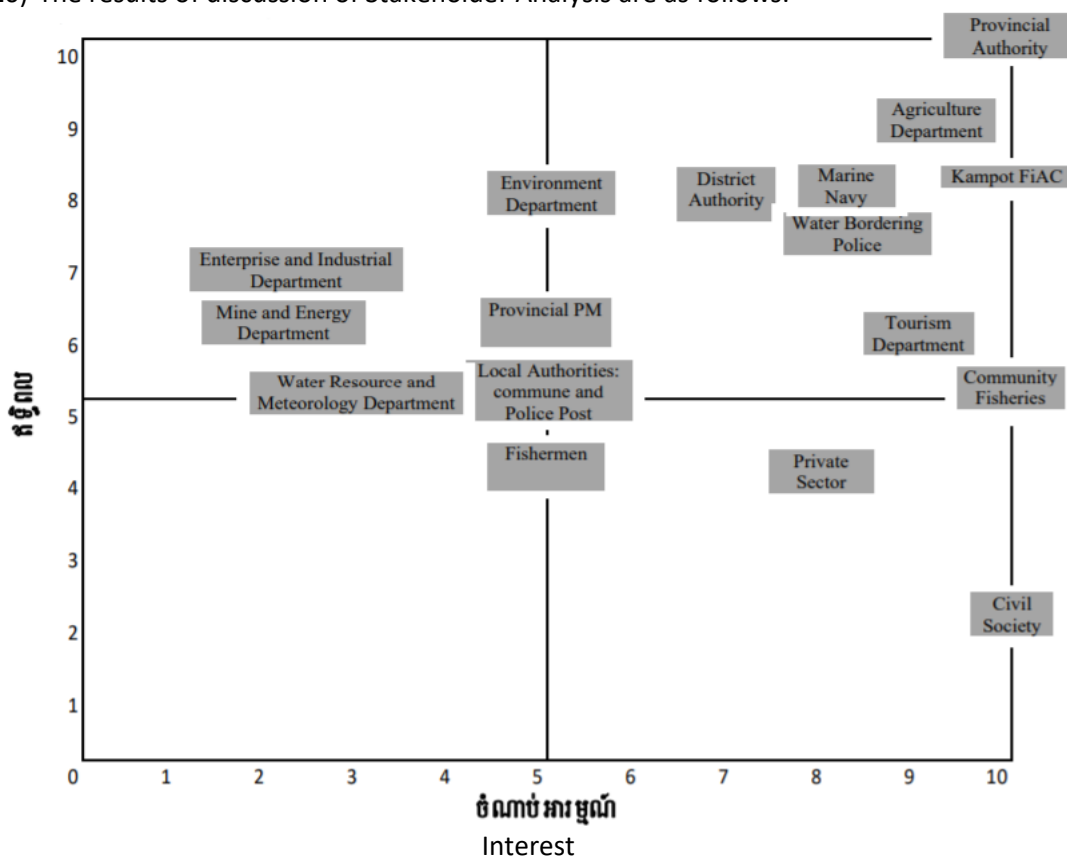
16) **The Results of Group Discussion are as following table:**

SPECIES	LIFE-CYCLE STAGE	THREAT	IMMEDIATE CAUSE	ROOT CAUSE	MANAGEMENT ACTION
Grouper	Adult	<ul style="list-style-type: none"> - Declining fish - Habitat destruction 	<ul style="list-style-type: none"> - Mouse tailed trap 	<ul style="list-style-type: none"> - High demand - High price in market 	<ul style="list-style-type: none"> - Strengthening law enforcement

			- Trawler with ball light		- Strengthening patrolling group - Strengthening cooperation with relevant stakeholders - Establishing fisheries <i>refugia</i>
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8. Discussion on stakeholder analysis

- 17) **Mr. Leng Sy Vann** explained to participants about how to do stakeholder analysis using the chart of X-axis talking about Interest and Y-axis talking about Influence. Scoring is from 0 to 10 meaning that the score is more and more higher, interest and influence are more and more stronger.
- 18) Based on the discussion results showed that there are many stakeholders involving in fisheries resource management, including provincial authority, district authority, commune council, provincial relevant departments, provincial armed forces, NGOs, private sector, and community fisheries. Each stakeholder has made high commitments and supported fisheries resource protection.
- 19) According to table of discussion of stakeholder analysis, provincial authority is the strongest influent and highest interests in fisheries resource management while civil social, community fisheries, and private sector are the highest interest, but lowest influence.
- 20) The results of discussion of Stakeholder Analysis are as follows:



9. Discussion of communication and use of media

- 21) **Mr. Leng Sy Vann** explained to participants about communication and use of media in Kampot province. According to the discussion result, many kinds of media have been communicated including Telegram, What's up, Face book, and Messengers. 90% has been used with Face book to communicate their private services, 80% has been used with Telegram for communication at workplace, and 100% has been used with what's up for communication with all kinds of armed forces and fisheries administration cantonment. Generally, government officers like using what's up for their works.

10. Clsoe of the workshop

- 22) **Mr. Leng Sy Vann**, on behalf of Fisheries *Refugia* Project Teamwork from FiA, expressed thanks very much to all participants taking their opportunity to join that workshop, especially Kampot Fisheries Administration Cantonment helping the workshop organization too. The result of the workshop provided good information and inputs which is useful for the project teamwork to prepare workplan for the upcoming project implement. The workshop was closed at 5:30pm.

Annex 1

Agenda for stakeholder consultation workshop at Koh Kong



Seafdec/unep/gef/cambodia project “establishment and operation of a regional system of fisheries refugia in the SOUTH CHINA SEA AND GULF OF THAILAND”

Provisional time table and agenda for stakeholder consultation workshop at koh kong

For Relevant Departments and NGOs	
1 st day: 14 November 2018 (Wednesday)	
08.00-8:30	Registration
08.30-08.45	Agenda 1: Opening workshop
08.45-09.05	Agenda 2: Summary of workshop objectives and purposes
09:05-9:30	Agenda 3: Watching video clip of SEAFDEC.UNEP/GEF (5minuts)
09:30-10.00	Agenda 4: Overview of Objectives of SEAFDEC/UNEP/GEF Fisheries <i>refugia</i> Initiative
10.00-10.30	Agenda 5: Background of strategic action program for South China Sea and the development of fisheries <i>refugia</i> initiative
10.30-11.00	Coffee break and group photo
11.00-11.40	Agenda 6: Identification of provincial programs/projects relating to sustainable development
11.40-12.00	Presentation of the results of group discussion
12.00-13.30	Lunch
01.30-02.30	Agenda 7: Discussion of priority fisheries species and threat to fish life cycle and critical habitat linkages
02.30-03.00	Presentation of the results of group discussion
03.00-04.00	Agenda 8: Conduct stakeholder analysis
04.00-04.20	Coffee break
04:20-04:40	Presentation of discussion results
04.40-05.10	Agenda 9: Communication and use of media
05.10-05.30	Agenda 10: Close

ANNEX 2**List of participants attending the Stakeholder Consultation Workshop for Fisheries Refugia
with provincial line departments on 14 November 2018 in Kampot Province**

Name	Sex	Title	Organization	Telephone
1. Tum Reun	M	Deputy Director	Department of Planning	0977044446
2. Nak Nam	M	Chief of Division	Department of Planning	015280770
3. Sao Vesna	M	Chief of Division	Provincial Military Police	092818224
4. Ea Hout	M	Chief of Division	Provincial Military Police	012288790
5. Buth Say Sovann	M	Chief of Division	Department of Land, Construction, and Cadastral	012945541
6. Ky Peavin	M	Officer	FiAC in Kampot	0968383287
7. Math Nou	M	Vice chief of Division	Water Boundary Police 241	0719966333
8. Pech Neang	M	Navy Director	Maritime Navy	093466303
9. Kim Bunthorn	M	Chief of Division	Department of Tourism	012415563
10. Ty Chandy	M	Vice chief of Navy	Maritime Navy	0962248838
11. Meng Kanharith	M	Officer	Department of Public Works and Transport	0884888448
12. Nim Sovann	M	Officer	Department of Public Works and Transport	077605865
13. Ouk Sam Orl	M	Chief of Fisheries Administration Division	FiAC in Kampot	015822883
14. Leng Phalla	F	Marine Technical and Biological Officer	WEA	092664154
15. Voen Seila	M	Vice Chief of Fisheries Administration Cantonment	Kampot FiA Cantonment	012670008
16. Mou Meung	M	Deputy Director of Water Boundary Police 241	Water Boundary Police 241	086325625
17. Ngeth Sochivorn	M	Officer	FiAC in Kaampot	0715220664
18. Seng Leang	M	Chief of Division	DFC/FiA	017300777
19. Hout Vuthy	M	Vice chief of Division	DFC/FiA	017391616
20. Kin Samnang	F	Officer	DFC/FiA	077411136
21. Leng Sy Vann	M	Deputy Director	DFC/FiA	017446373
22. Yuk Chea	M	Officer	Department of Environment	097889805
23. Kheav Dara	M	Officer	Department of Environment	081775746

ANNEX 3

Participants' Pictures of Stakeholder Consultation Workshop on 12 to 14 September 2017 at Koh Kong province

