



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

**REPORT**

**THE 2<sup>ND</sup> STAKEHOLDER CONSULTATION MEETING  
IN SURAT THANI PROVINCE**

**SAMUI ISLAND, SURAT THANI, THAILAND  
25-26 APRIL 2018**

Prepared by  
**DEPARTMENT OF FISHERIES  
THAILAND**

---

**SOUTHEAST ASIAN FISHERIES DEVELOPMENT CENTER  
TRAINING DEPARTMENT**



First published in Phrasamutchedi, Samut Prakan, Thailand in April 2018 by the SEAFDEC-UNEP-GEF Fisheries Refugia Project, Training Department of the Southeast Asian Fisheries Development Center

Copyright © 2018, SEAFDEC-UNEP-GEF Fisheries *Refugia* Project

This publication may be reproduced in whole or in part and in any form for educational or non-profit purposes without special permission from the copyright holder provided acknowledgement of the source is made. The SEAFDEC-UNEP-GEF Fisheries *Refugia* Project would appreciate receiving a copy of any publication that uses this publication as a source.

No use of this publication may be made for resale or for any other commercial purpose without prior permission in writing from the SEAFDEC Secretary-General at.

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>

**DISCLAIMER:**

The contents of this report do not necessarily reflect the views and policies of the Southeast Asian Fisheries Development Center, the United Nations Environment Programme, and the Global Environment Facility.

For citation purposes this document may be cited as:

DOF/Thailand, 2018. Establishment and Operation of a Regional System of Fisheries Refugia in the South China Sea and Gulf of Thailand, Report of the 2<sup>nd</sup> Stakeholder Consultation Meeting in Surat Thani Province. Southeast Asian Fisheries Development Center, Training Department, Samut Prakan, Thailand; FR/REP/TH06, 21 p.

## REPORT OF THE MEETING

### I. OPENING OF THE WORKSHOP

- 1) **Mr. Phitak Jancharoen**, Koh Samui Fisheries District Chief, reported to the chairman that the stakeholder consultation workshop on the project: “Establishment and Operation of a Regional System of Fisheries Refugia in the South China Sea and Gulf of Thailand” was organized by the Central Gulf Fisheries Research and Development Center (Chumphon) cooperating with Koh Samui Fisheries District Office. The workshop would be run during 25- 26 April 2018 at International School of Tourism, Suratthani Rajabhat University, Samui Island, Suratthani Province, participated by fishermen and local stakeholders on the first day and the relevant public organizations on the second day, totally 54 participants. The objectives of this workshop were to provide participants the understanding of fisheries management and concept of the Project, including the background of fisheries resources in Samui Island. It was also hoped to gain opinions and useful information from stakeholders in this workshop for the most effectiveness of the Project implementation, conducted at the 2 selected sites in Thailand, i.e. Samui Island in Suratthani Province and Chang Strait in Trat Province. Workshop agenda was shown in Annex 1.
- 2) **Mr. Poonsak Sophonpatumrak**, Koh Samui Senior Deputy District Chief, opened the workshop by expressing his appreciation for Samui Island being selected as one of the two project sites. He noted that the coastal area of Samui Island had been regarded as the significant fishing and nursery grounds in the Gulf of Thailand; the Refugia Project implementation would develop the fisheries management in the Island according to the precise technical information under cooperation and acceptances of all relevant sectors and stakeholders.
- 3) **Mr. Poonsak** expressed his hope that, under the cooperation of participants, this workshop would reach its main objective, which was to make understanding to all concerned, leading to the success of the operation and expansion of the network of fisheries refugia in the South China Sea and Gulf of Thailand for the improved management of fisheries and critical marine habitats in the region under the linkage of fishery resources, marine ecosystem, and community livelihood.
- 4) **Mr. Poonsak** noted that this workshop would initiate the appropriate management in Samui Island for its sustainable fisheries resources, fisheries activities as well as its being the world famous tourist attraction.
- 5) Finally, **Mr. Poonsak** thanked resource persons, organizer, and all participants for their cooperation and wished the workshop success.

### II. INTRODUCTION OF PARTICIPANT

- 6) **Ms. Sooksri Sumpawapol**, Director of the Central Gulf Fisheries Research and Development Center (Chumphon) as an organizer, invited participants to introduce themselves. List of the 2 sets of participants was provided in Annex 2 and 3.

### III. OVERVIEW OF THE BACKGROUND OF THE PROJECT “ESTABLISHMENT AND OPERATION OF A REGIONAL SYSTEM OF FISHERIES REFUGIA IN THE SOUTH CHINA SEA AND GULF OF THAILAND”

- 7) **Ms. Prulai Nootmorn**, Senior Expert in Marine Fisheries, and Thailand National Focal Point, presented the background of the project “Establishment and Operation of a Regional System of Fisheries Refugia in the South China Sea and Gulf of Thailand” as follows:
  - South China Sea (SCS) had been regarded as an important role in fisheries due to its production which was about 10% of global fish production, but most of the fish stocks had been fully or over-fished. It was considered to be difficult to reduce fishing effort owing to its high community dependence

- SCS habitats, including mangroves, coral reefs, seagrass, and wet land played a critical role in sustaining fish stocks, food supply, and incomes. They were refuges for marine species during their critical stages of their life-cycles, e.g., spawning stage, larval stage, migration period.
- In SCS, there were 11% of the world's total mangroves, about 930,000 ha of coral reef, and about 78,000 ha of seagrass (~1/3 of the 60 known seagrass species in SCS). SCS had played significant basin-wide and intra-country variation in the richness and extent of habitat building species. However, degradation and loss of habitats was a result of a multitude of persistent and emerging threats
- Fishing was a key factor in the continued loss of marine habitats and biodiversity in SCS raising serious concerns for sustainability of fisheries. Estimated decadal rates of habitat loss in SCS were: 30% of seagrass, 16% of mangroves, and 16% of coral reefs.
- Fisheries Refugia were, spatially and geographically defined, marine or coastal areas in which specific management measures were applied to sustain important species (fisheries resources) during critical phases of their life cycle, for their sustainable use. Fisheries Refugia concept were 1) specific areas of significance to the life-cycle of fish species, 2) should be defined in space and time, 3) should not be no-take zones, and 4) serve to safeguard spawning aggregations, nursery grounds, and migration routes.
- Purpose of the project was to operate and expand the network of fisheries refugia in the South China Sea and Gulf of Thailand for the improved management of fisheries and critical marine habitats linkages.
- Information collected by SEAFDEC on fish larval distribution in SCS showed the abundance in the Gulf of Thailand, north of Vietnam and north of Borneo.
- There were 52 known spawning and nursery areas identified for fisheries refugia sites, of which 14 sites were included in initial system of refugia, 9 sites were recorded high priority for action once initial set established, and additional 29 spawning and nursery areas for which further information were required.
- Regional system of fisheries refugia would be developed from local actions to national actions and finally to regional actions.
- Local actions would be: establishing local management boards, delineating refugia boundaries/ formal designation of sites, identifying fisheries management problems/solutions for refugia sites, and establishing regulations and monitoring
- National actions would be: enhancing national coordination, strengthening the enabling environment, building the national and site-level science and information base, and planning operational management of refugia.
- Regional actions would be: establishing regional information and data management for refugia system, doing targeted demonstration activities, developing capacity, supporting regional fisheries management, and monitoring and evaluation.
  - Website, facebook, and youtube for more information were informed as followed:
  - Website: <https://fisheries-refugia.org/>
  - Facebook: <https://www.facebook.com/fisheriesrefugia/>
  - Youtube: <https://www.youtube.com/channel/UCdc-W6tsYULn9BoHbvFEKRA>
  - (searching by “fisheries refugia”)

#### IV. OVERVIEW OF THE MARINE FISHERIES RESOURCES IN SAMUI ISLAND

- 8) **Mr. Jirawuth Khamphiroch**, Fishery Technical Officer of the Central Gulf Fisheries Research and Development Center (Chumphon), presented the status of marine fishery resources in Samui Island concluded as follows:
- Samui Island was the third biggest island in Thailand, followed Phuket and Chang Islands, situated in the north-east of Suratthani Province. It had the area of 227 km<sup>2</sup> composed of

111 communities in 7 sub-districts with its livelihood on farming, tourism, trading, hotel business, and fishing.

- The main small-scale fishing groups in Samui Island were Ban Laem Son, Ban Lamai, and Ban Hua Thanon small scale fishing groups.
  - Ban Laem Son small scale fishing group situated in Moo 1 of Bo Phud Subdistrict. Thirty-four fishing boats were used for lining, fish gill netting, and squid falling netting. Main catches were gray pomfret, Indian squid, Spanish mackerel, barracuda, and sea cucumber. There was seagrass bed in the area, resulted in the establishment of 2 km coastal conservation zone.
  - Ban Lamai small scale fishing group situated in Moo 4 of Maret Subdistrict. Forty-five fishing boats were used for lining, fish gill netting, and small squid light netting. Main catches were pomfret, Spanish mackerel, barracuda, threadfish, and small planktonic shrimp (*Acetes* spp.).
  - Ban Hua Thanon small scale fishing group situated in Moo 1 of Maret Subdistrict. Eighty fishing boats, mainly long-tail engine boats, were used for shrimp gill netting, crab gill netting, fish gill netting, and small squid light netting. Main catches were banana shrimp, metapenaeid shrimp, black pomfret, white pomfret, and small planktonic shrimp (*Acetes* spp.).
  - Commercial fisheries around Samui Island were paired trawling, otter board trawling, beam trawling, purse seining, anchovy purse seining, and big gill netting.
  - There were 7 artificial reef sites around Samui Island.
  - There were 2 main fisheries management measures in Samui Island: closed area for spawning and nursing of fish species during 15 Feb - 15 May yearly, and commercial fisheries closed area during 16 May – 14 June yearly.
- 9) Some fishermen in the workshop noted that participants from some fishing groups did not represent the whole communities. They suggested that the public sectors/Project staff should approach the fishing communities at the assembled times and places in order that the real opinion of all the fishers could be obtained. They recommended that port-in or port-out times at the community fishing ports, or pray times for Muslims at the community mosques were suitable for communication.
- 10) The fishermen suggested that some more community representatives should be included in the next meetings, such as Ban Bang Rak, Ban Laem Chon Khram small scale fishing groups, etc.

#### **V. DISCUSSION ON THE PROGRAMS/PROJECTS/ACTIVITIES RELATED TO MARINE RESOURCE SUSTAINABLE DEVELOPMENT IN SAMUI ISLAND**

- 11) **Ms. Ratana Munprasit**, former Senior Expert in Spatial Fisheries, acting as a facilitator, explained to the participants that this session would create crucial information to facilitate the project implementation for the most effectiveness of sustainable development of fisheries and marine ecosystem in the area.
- 12) Participants from fishermen group informed that there were the projects on installation of artificial reef and fish aggregating devices, establishment of conservation zones, and seed releasing, mostly supported by the Department of Fisheries.
- 13) Programs/projects/activities around Samui Island informed by the participants from relevant public organizations were listed in the following table:

program/project/activity	Responsible/ Funding Agency
1. Mooring Buoy Placing in Tean Island (near Samui Island)	Angthong Islands National Marine Park
2. Coral Planting around Tean Island	Angthong Islands National Marine Park
3. Artificial Reef Cleaning (Garbage Collecting)	Angthong Islands National Marine Park
4. Monitoring and Surveillance on Illegal Fishing	Angthong Islands National Marine Park
5. Netting for Poisonous Jellyfish Prevention	Angthong Islands National Marine Park
6. Establishment of protection zone boundary line in Angthong Islands National Marine Park	Angthong Islands National Marine Park
7. Boom Placing for Coral Reef Protection	Angthong Islands National Marine Park
8. Seed Releasing in Angthong Islands National Marine Park	Angthong Islands National Marine Park
9. Boom Placing for Fishing Conservation zone at Ban Laem Son, Ban Lamai, and Ban Hua Thanon	Suratthani Fisheries Provincial Office
10. Artificial Reef Preparing and Installation	Suratthani Fisheries Provincial Office and Koh Samui Municipality
11. Fish Aggregating Device Placing at Ban Laem Son and Ban Lamai	Suratthani Fisheries Provincial Office
12. Artificial Reef Cleaning at Ban Lamai	Suratthani Fisheries Provincial Office
13. Seed Releasing around Samui Island	Suratthani Fisheries Provincial Office
14. Natural Resources and Environment Conservation Activities	Koh Samui Municipality
15. Educating Fishermen in Fisheries Law	Koh Samui Municipality
16. Educating Fishermen in Natural Resources and Environment Management and non-fishing earning	Koh Samui Municipality

- 14) Participants from Ban Lamai Fishing Group requested the knowledge on life cycle and population enhancement of squid provided by the Department of Fisheries.
- 15) Participants from Ban Laem Son Fishing Group requested seed releasing of various species supported by public sectors.

## VI. DISCUSSION ON THE PRIORITY FISHERIES SPECIES AND THREATS TO THEIR LIFE CYCLES

- 16) **Ms. Ratana Munprasit** explained to the participants how to fill up the table of priority fisheries specie and their life cycles threatened in Samui Island. She mentioned several stages of life cycle, such as larval, juvenile, spawning, adult, and migratory stages. She also gave samples of the threats, immediate causes, root causes, and management actions specified in the table.
- 17) The following table showed discussion results from participants.

Species	Life-cycle stage	Threat	Immediate cause	Root cause	Management action
Blue swimming crab	Whole life cycle	– Fishing of small- size crabs in seagrass bed – Small mesh-size nets	– Illegal fishing – High market demand	– Lacking in fisheries conservation awareness – Bad water quality – Climate change	– Strengthening fisheries law enforcement – Establishing crab bank – Creating conservation areas

Species	Life-cycle stage	Threat	Immediate cause	Root cause	Management action
					– Creating awareness
Shrimp	Whole life cycle	– Over fishing – Destructive fishing gears (trawlers, push netters)	– Illegal fishing – High market demand	– Lacking in fisheries conservation awareness	– Seed releasing – Creating fishing zones – Creating awareness
Indo-Pacific mackerel	Whole life cycle	– Over fishing – Small mesh-size nets – Commercial Fisheries	– Illegal fishing	- Bad water quality - Climate change	– Water treatment – Preparing boundary lines for commercial fishing gears – Expansion of seasonal closed area – Establishing the regulations for fishing gear restriction
Giant sea catfish ( <i>Netuma thalassina</i> )	Whole life cycle	– Over fishing – Small mesh-size nets	– High market demand		– Strengthening fisheries law enforcement
Talang queenfish ( <i>Scomberoides commersonnianus</i> )	Whole life cycle	– Over fishing	– High market demand		– Strengthening fisheries law enforcement
Barracuda	Whole life cycle	– Commercial Fisheries	– High market demand		– Strengthening fisheries law enforcement
Spanish mackerel	Whole life cycle	– Destructive fishing gears (trawlers)	– Illegal fishing – High market demand		– Strengthening fisheries law enforcement
White pomfret	Spawning	– High fishing	– High market demand		– Creating conservation areas

Species	Life-cycle stage	Threat	Immediate cause	Root cause	Management action
Sea turtle	Whole life cycle	– Fishing – Dying by accident/plastic consumption	– Increase of sea transportation – By-catch from fishing – Garbage in the sea	– Lacking in fisheries conservation awareness	– Creating conservation awareness – Creating conservation areas – Breeding/propagation – Law enforcement
Dolphin	Whole life cycle	– Fishing – Plastic consumption	– Increase of sea transportation – By-catch from fishing – Garbage in the sea	– Lacking in fisheries conservation awareness	– Creating conservation awareness – Law enforcement
Giant clam	Whole life cycle	– Catching	– Illegal catching	– Community believes on consumption	– Creating conservation awareness – Law enforcement
Sea cucumber	Whole life cycle	– Fishing	– High market demand	– High market demand	– Creating conservation areas – Breeding/propagation

## VII. DISCUSSION ON STAKEHOLDER ANALYSIS

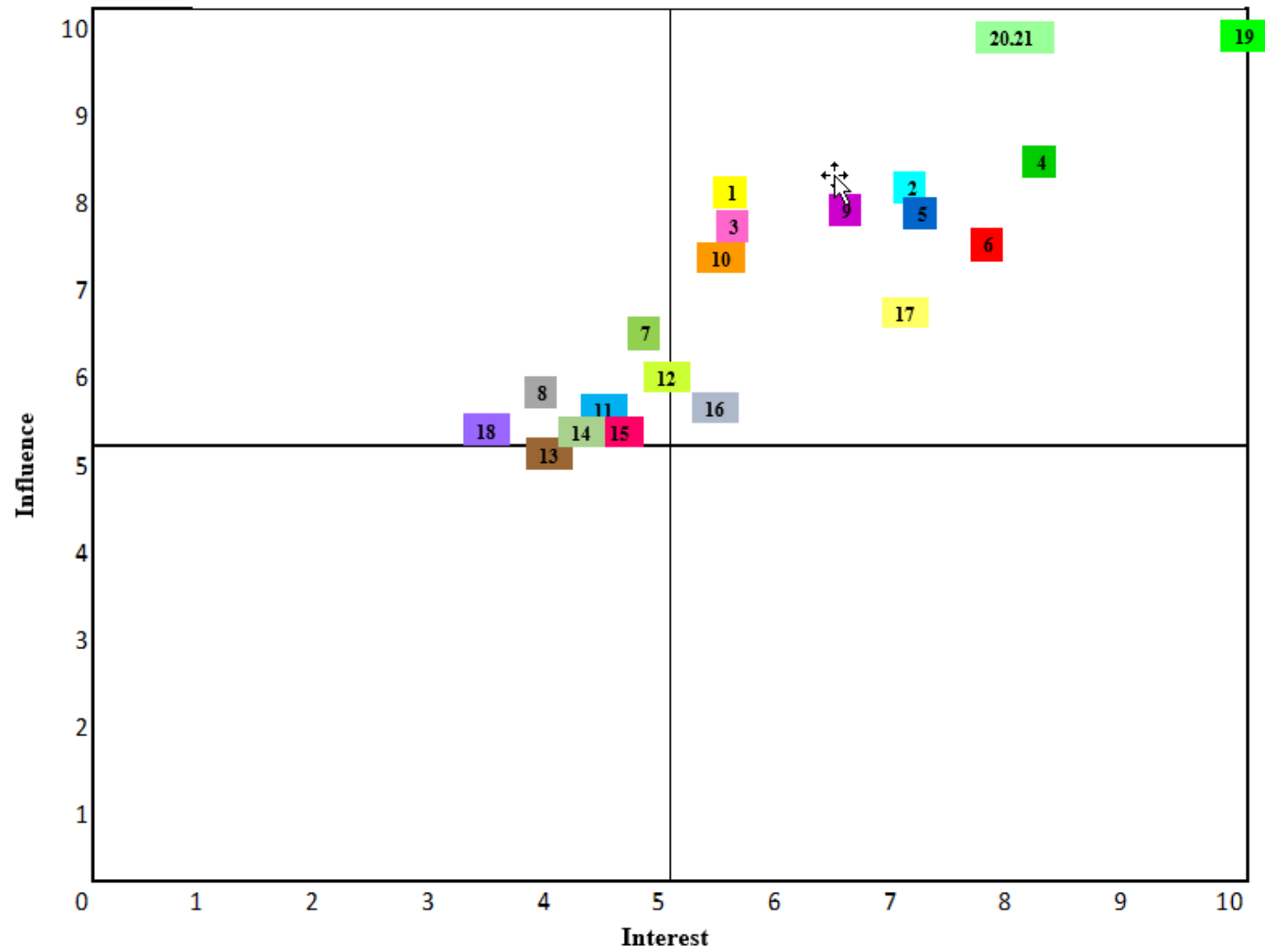
- 18) **Ms. Ratana Munprasit** introduced to participants the table and matrix chart of stakeholder analysis. She requested participants to identify stakeholders from all relevant units and rate their influences and interests on fisheries and ecosystem management in Samui Island. Scoring from 0 to 10 was used for influence and interest ratings.
- 19) Tables and matrix charts below were the average scores of influence and interest of each stakeholder, rated by all participants.



## a) Result of stakeholder analysis from fishermen and local stakeholders:

Stakeholder	Influence	Interest
1. Provincial Governor	8.3	5.7
2. Director of Fisheries Provincial Office	8.4	7.1
3. District Chiefs	7.8	5.7
4. Fisheries District Chief	8.6	8.3
5. Local Administrative Organizations	8.2	7.0
6. Central Gulf Fisheries Research and Development Center	7.8	7.8
7. Marine Fisheries Patrol Unit	6.9	4.8
8. Port-In and Port-Out Control Center	6.1	4.1
9. Office of Natural Resources and Environment	8.1	6.7
10. Marine and Coastal Resources Conservation Center	7.6	5.5
11. Marine National Park Operation Center	5.9	4.7
12. Marine Provincial Office	6.2	5.0
13. Samui Navy Base	5.2	4.1
14. Tourism Authority of Thailand (Samui Office)	5.6	4.3
15. Tourism Association of Koh Samui	5.6	4.6
16. International School of Tourism, Surat-thani Rajabhat U.	5.8	5.4
17. Community Leaders	7.0	7.2
18. Fish Traders	5.6	3.8
19. Community Schools	10.0	10.0
20. Community Police Volunteers	10.0	8.0
21. Tourist Drivers	10.0	8.0

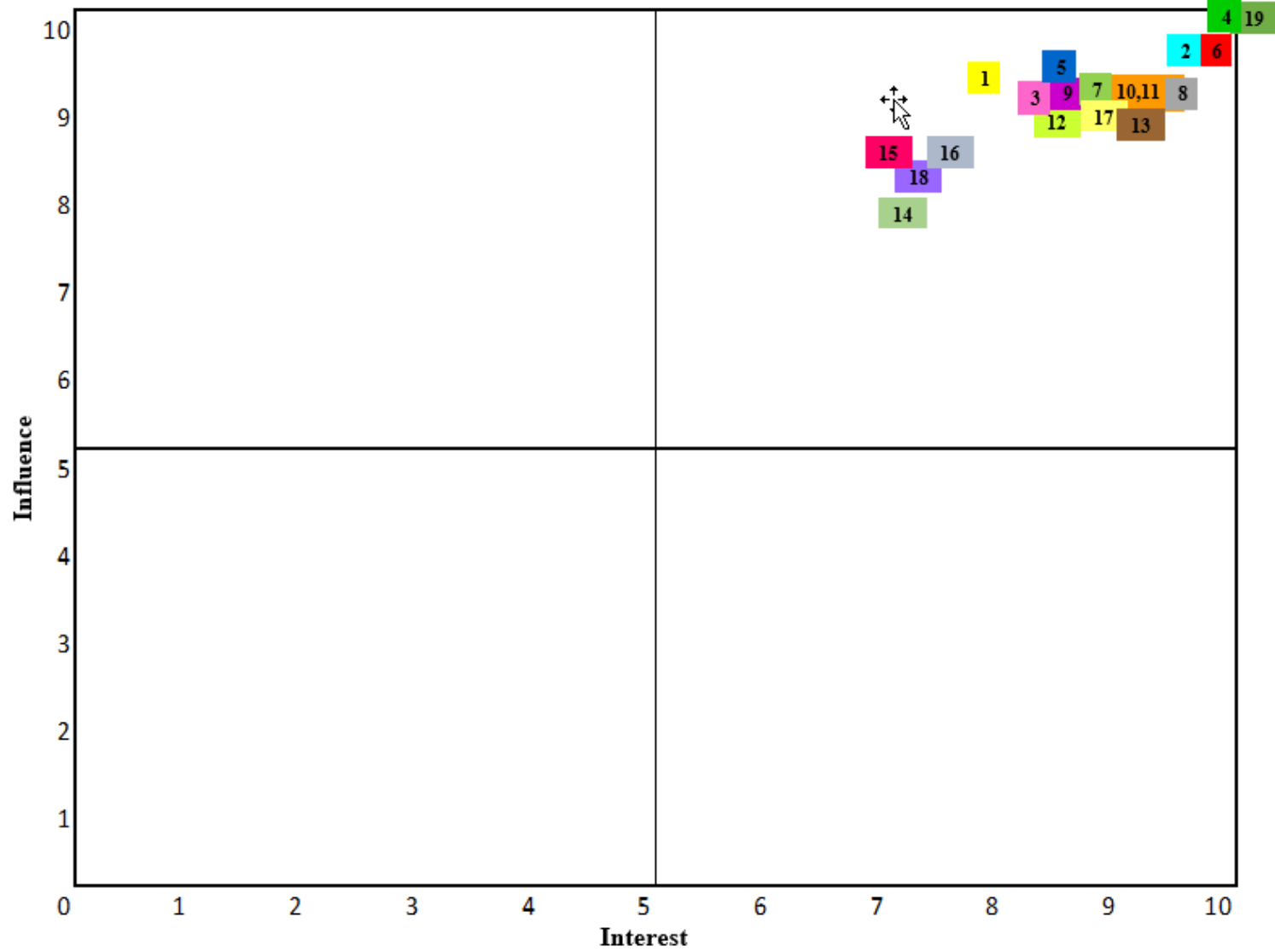
b) Matrix chart showing the result of stakeholder analysis from fishermen and local stakeholders



## c) Result of stakeholder analysis from relevant public organizations:

<b>Stakeholder</b>	<b>Influence</b>	<b>Interest</b>
1. Provincial Governor	9.4	7.8
2. Director of Fisheries Provincial Office	9.8	9.6
3. District Chiefs	9.2	8.2
4. Fisheries District Chief	10.0	9.9
5. Local Administrative Organizations	9.4	8.6
6. Central Gulf Fisheries Research and Development Center	9.8	9.7
7. Marine Fisheries Patrol Unit	9.3	8.8
8. Port-In and Port-Out Control Center	9.3	9.6
9. Office of Natural Resources and Environment	9.3	8.7
10. Marine and Coastal Resources Conservation Center	9.3	9.4
11. Marine National Park Operation Center	9.3	9.4
12. Marine Provincial Office	8.9	8.6
13. Samui Navy Base	8.8	9.4
14. Tourism Authority of Thailand (Samui Office)	7.9	7.3
15. Tourism Association of Koh Samui	8.4	7.1
16. International School of Tourism, Suratthani Rajabhat U.	8.4	7.8
17. Community Leaders	9.2	9.1
18. Fish Traders	8.2	7.4
19. Small Scale Fishing Groups	10.0	10.0

d) Matrix chart showing the result of stakeholder analysis from relevant public organizations:



### VIII. DISCUSSION ON THE COLLATION OF BASELINE INFORMATION AND DATA RELATED TO FISH LIFE CYCLES AND CRITICAL HABITAT LINKAGE

- 20) **Ms. Ratana Munprasit** informed participants that baseline data of the critical species mentioned in the previous discussion would be collected and gathered. Information included biology, life cycle, and habitat of their critical lives, which were very significant for project action.
- 21) The followings were the information of existing marine species around Samui Island in each period of the year, informed by the participants from fishermen group:
- |                    |   |
|--------------------|---|
| February:          | small planktonic shrimp ( <i>Acetes</i> spp.)   |
| March:             | squid, barracuda, talang queenfish  |
| April:             | (used to have) Indo-Pacific mackerel  |
| April - September: | Spanish mackerel, barracuda, fourfinger threadfin, red snapper, smoothbelly sardine, cobia, anchovy |
| October – January: | blue swimming crab  |
- 22) Fishermen noted that the areas around sea grass beds in Chaweng Beach and Ban Laem Son were known as nursery grounds of blue swimming crab.
- 23) Participants from Samui Navy Base noted that sea turtles were abundant in Laem Chon Khram as there was seagrass bed in the area. It was found that sea turtles always laid their eggs at Lamai Beach. Sea turtles were often found trapping in fish trap, net garbage, and plastic garbage in the sea of Samui Island.
- 24) Giant calms were still abundant at Taen Island (near Samui Island) as the baby clams were released by Marine and Coastal Resources Research and Development Center, the Central Gulf of Thailand.
- 25) Participant from Department of Marine and Coastal Resources noted that marine endangered species were always found around Samui Island. He mentioned that the information about coastal marine resources, e.g. endangered species, seagrass bed, coral reef, mangrove, etc. around Samui Island were available at Marine and Coastal Resources Research and Development Center, the Central Gulf of Thailand as well as [www.dmcr.go.th](http://www.dmcr.go.th).
- 26) Participant from Koh Samui Port-In and Port-Out Control Center noted that the information about catch and other related fisheries data could be searched from data base of the Center.
- 27) Participants from fishermen group noted that they would like to be provided with the knowledge of fishery law, fisheries resources, and fisheries data of Samui Island.

### IX. PLANNING OF SOCIO-ECONOMIC SURVEY IN FISHERIES REFUGIA SITE

- 28) **Ms. Ratana Munprasit** informed participants that the survey of socio-economic of the fishers, including their livelihood, attitudes, satisfaction, economic status, and suggestion, was planned to carry out before and after project implementation. Thus, information would be one of the indicators for project impact evaluation.

### X. DISCUSSION ON COMMUNICATION AND MEDIA

- 29) According to discussion, fishermen group preferred information/communication channel via letters/document transferred from relevant local authorities, Fisheries District Office, to the community leaders. They also welcomed discussion forum at the community sites.
- 30) Participants from relevant public organizations suggested that the information/communication might be transferred via relevant local authorities, e.g. Fisheries District Office, Office of Marine and Coastal Resources, etc., or Facebook Pages related to marine conservation in Samui Island.

**XI. CLOSURE OF THE WORKSHOP**

- 31) **Ms. Prulai Nootmorn**, Thailand National Focal Point, expressed her appreciation to all participants for their participation, recommendation, and contribution to the workshop. Ms. Prulai noted that she looked forward to seeing everyone again soon and hoped them had a safe trip home.

**ANNEX 1**

**AGENDA**

**Stakeholder Consultation Workshop**

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

**25/26 April 2018**

**International School of Tourism, Suratthani Rajabhat University**

**Samui Island, Suratthani Province, Thailand**

08.00 – 08.30	Registration
08.30 – 09.00	Opening of the workshop <ul style="list-style-type: none"><li>- Reporting by Mr. Phitak Jancharoen, Koh Samui Fisheries District Chief</li><li>- Opening by Mr. Poonsak Sophonpatumrak, Koh Samui Senior Deputy District Chief</li></ul>
09.00 – 10.00	Overview of the background of the project: Establishment and Operation of a Regional System of Fisheries Refugia in the South China Sea and Gulf of Thailand <ul style="list-style-type: none"><li>by Ms. Praulai Nootmorn, Senior Expert in Marine Fisheries</li></ul>
10.00 – 10.30	Group photo and coffee break
10.30 – 12.00	Overview of the marine fisheries resources in Samui Island <ul style="list-style-type: none"><li>by Mr. Jirawuth Khamphiroch, Fishery Technical Officer of the Central Gulf Fisheries Research and Development Center (Chumphon)</li></ul>
12.00 – 13.00	Lunch
13.00 – 15.30	Group discussion, facilitated by Ms. Ratana Munprasit, former Senior Expert in Spatial Fisheries: <ul style="list-style-type: none"><li>- Programs/projects/activities related to marine resource sustainable development in Samui Island</li><li>- Priority fisheries species and threats to their life cycles</li><li>- Stakeholder analysis</li><li>- Collation of baseline information and data related to fish life cycles and critical habitat linkage</li><li>- Planning of socio-economic survey in fisheries refugia site</li><li>- Communication and media</li></ul>
15.30 – 16.00	Closure of the workshop <ul style="list-style-type: none"><li>by Ms. Praulai Nootmorn, Senior Expert in Marine Fisheries</li></ul>

**ANNEX 2**  
**LIST OF PARTICIPANTS**  
**(fishermen and local stakeholders)**

**25 April 2018**

Name	Address/Organization	Position
<b>Fishermen</b>		
1. Mr. Wanlop Thongjun	Ban Laem Son Fishing Group	
2. Mr. Khumnual Charoensuk	Ban Laem Son Fishing Group	
3. Mr. Udomchai Udomthawornkul	Ban Laem Son Fishing Group	
4. Mr. Nit Chumprom	Ban Laem Son Fishing Group	
5. Mr. Khanthong Chueanuan	Ban Laem Son Fishing Group	
6. Mr. Suriya Chumueang	Ban Laem Son Fishing Group	
7. Mr. Olarn Jankhieo	Ban Laem Son Fishing Group	
8. Mr. Manop Sukpipat	Ban Lamai Fishing Group	
9. Mr. Ruangdech Jaikwang	Ban Lamai Fishing Group	Chairman of marine and Coastal Resources Conservation Group
10. Mr. Supawit Charoensuk	Ban Lamai Fishing Group	
11. Mr. Kata Pongchabubnapa	Ban Lamai Fishing Group	
12. Mr. Chanwit Sukkasem	Ban Lamai Fishing Group	
13. Mr. Jakkaphong Somjaimai	Ban Lamai Fishing Group	
14. Mr. Chalermpon Chantharamporn	Ban Lamai Fishing Group	
15. Mr. Samroeng Theprak	Ban Lamai Fishing Group	
16. Mr. Padon Jaiiauea	Ban Lamai Fishing Group	
17. Mr. Niwat Kongpet	Ban Lamai Fishing Group	
18. Mr. Buntham Pohlao	Ban Hua Thanon Fishing Group	
19. Mr. Pohsu Jeate	Ban Hua Thanon Fishing Group	
20. Mr. Thanusak Jeatea	Ban Hua Thanon Fishing Group	
21. Mr. Abdulloh Mahli	Ban Hua Thanon Fishing Group	Islamic teacher
<b>Fish Trader</b>		
22. Mr. Phitsanu Tangchinnakhup	Ang Thong Subdistrict, Samui District	
<b>Related Sector</b>		
23. Mr. Yanyong Srifa	Director of International School of Tourism, Suratthani Rajabhat University, Expert for Angthong Islands National Marine Park Committee	
<b>Koh Samui Fisheries District Office</b>		
24. Mr. Phitak Jancharoen	Koh Samui Fisheries District Office	Office Chief
<b>Resource persons</b>		
25. Ms. Prulai Nootmorn	Marine Fisheries Research and Development Division	Senior Expert in Marine Fisheries



Name	Address/Organization	Position
26. Ms. Ratana Munprasit	Marine Fisheries Research and Development Division	former Senior Expert in Spatial Fisheries
27. Mr. Jirawuth Khamphiroch	Central Gulf Fisheries Research and Development Center (Chumphon)	Fishery Technical Officer
<b>Workshop organizer</b>		
28. Ms. Sooksri Sumpawapol	Central Gulf Fisheries Research and Development Center (Chumphon)	Director
29. Ms. Patthamawadee Chanthrawong	Central Gulf Fisheries Research and Development Center (Chumphon)	Head of Administration Unit
30. Ms. Suphawadee Promnoi	Central Gulf Fisheries Research and Development Center (Chumphon)	Staff of Administration Unit
31. Ms. Jinda Petchkamnerd	Central Gulf Fisheries Research and Development Center (Chumphon)	Head of Fishing Ground Development and Rehabilitation Unit
32. Mr. Akanit Kuapuag	Central Gulf Fisheries Research and Development Center (Chumphon)	Fishery Technical Officer
33. Mr. Yannaphat Siriphong	Central Gulf Fisheries Research and Development Center (Chumphon)	Fishery Technical Officer
34. Ms. Phiroon Juntawee	Marine Fisheries Research and Development Division	Staff

**ANNEX 3**  
**LIST OF PARTICIPANTS**  
**(relevant public organizations)**  
**25 April 2018**

Name	Address/Organization	Position
<b>Local administration organizations</b>		
1. Mr. Poonsak Sophonpatumrak	Koh Samui District Office	Senior Deputy District Chief
2. Mr. Sompol Na Songkhla	Office of Koh Samui Municipality	Staff
3. Mr. Supot Junson	Office of Koh Samui Municipality	Staff
<b>Department of Fisheries</b>		
4. Ms. Sooksri Sumpawapol	Central Gulf Fisheries Research and Development Center (Chumphon)	Director
5. Mr. Jumnam Chumthong	Suratthani Fisheries Provincial Office	Head of Fisheries Administration and Management Group
6. Ms. Waraphon Chuenwiset	Suratthani Fisheries Provincial Office	Fishery Officer
7. Mr. Phitak Jancharoen	Koh Samui Fisheries District Office	Office Chief
8. PO1 Utit Srifa	Koh Samui Port-In and Port-Out Control Center	Director
9. Acting SubLt. Sarawut Srithongchim	Koh Samui Port-In and Port-Out Control Center	Fish Inspection Officer
10. Mr. Kittithat Pholpradit	Koh Samui Port-In and Port-Out Control Center	Fish Inspection Officer
<b>Department of Marine and Coastal Resources</b>		
11. Mr. Jugrapong Odthon	Marine and Coastal Resources Administration Office 5 Suratthani	Staff
<b>Department of National Parks, Wildlife and Plant Conservation</b>		
12. Mr. Witthaya Buapol	Angthong Islands National Marine Park	Staff
<b>Marine Department</b>		
13. Mr. Kittisak Virunsan	Marine Office Koh Samui Branch	Staff
14. Acting SubLt. Nattapol Vichianwong	Marine Office Koh Samui Branch	Staff
<b>Royal Thai Navy</b>		
15. CPO3 Somsak Loebut	Samui Navy Base	Staff
16. PO1 Noppadon Bunchuay	Samui Navy Base	Staff
17. PO1 Kittipong Thongsrikate	Samui Navy Base	Staff
<b>Tourism sectors</b>		

<b>Name</b>	<b>Address/Organization</b>	<b>Position</b>
18. Ms. Rasega Sookprasert	Tourism Authority of Thailand , Koh Samui Branch	Deputy Director
19. Mr. Yanyong Srifa	International School of Tourism, Suratthani Rajabhat University	Director
20. Ms. Jaree Phrommana	International School of Tourism, Suratthani Rajabhat University	Lecturer
21. Mr. Nollawach Khunla	International School of Tourism, Suratthani Rajabhat University	Educator
22. Ms. Dokrak Nadtayai	International School of Tourism, Suratthani Rajabhat University	Administration Officer
23. Ms. Jirat Poon-eid	International School of Tourism, Suratthani Rajabhat University	Public Relations Officer
<b>Resource persons</b>		
24. Ms. Prulai Nootmorn	Marine Fisheries Research and Development Division	Senior Expert in Marine Fisheries
25. Ms. Ratana Munprasit	Marine Fisheries Research and Development Division	former Senior Expert in Spatial Fisheries
26. Mr. Jirawuth Khamphiroch	Central Gulf Fisheries Research and Development Center (Chumphon)	Fishery Technical Officer
<b>Workshop organizer</b>		
27. Ms. Patthamawadee Chanthrawong	Central Gulf Fisheries Research and Development Center (Chumphon)	Head of Administration Unit
28. Ms. Suphawadee Promnoi	Central Gulf Fisheries Research and Development Center (Chumphon)	Staff of Administration Unit
29. Ms. Jinda Petchkamnerd	Central Gulf Fisheries Research and Development Center (Chumphon)	Head of Fishing Ground Development and Rehabilitation Unit
30. Mr. Akanit Kuapuag	Central Gulf Fisheries Research and Development Center (Chumphon)	Fishery Technical Officer
31. Mr. Yannaphat Siriphong	Central Gulf Fisheries Research and Development Center (Chumphon)	Fishery Technical Officer
32. Ms. Phiroon Juntawee	Marine Fisheries Research and Development Division	Staff

**ANNEX 4**  
**PICTURES OF THE WORKSHOP**  
**(fishermen and local stakeholders)**  
**25 April 2018**



**ANNEX 5**  
**PICTURES OF THE WORKSHOP**  
**(relevant public organizations)**  
**26 April 2018**

