



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

REPORT

**CONSULTATION MEETING FOR ARRANGEMENT OF
BASELINE DATA COLLECTION**

**BANGKOK, THAILAND
28 FEBRUARY 2019**

Prepared by
**DEPARTMENT OF FISHERIES
THAILAND**

**SOUTHEAST ASIAN FISHERIES DEVELOPMENT CENTER
TRAINING DEPARTMENT**



**Southeast Asian Fisheries
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REPORT OF THE MEETING

1. Consultation meeting for arrangement of baseline data collection for the project entitled “Establishment and Operation of a Regional System of Fisheries Refugia in the South China Sea and Gulf of Thailand” was conducted at Marine Fisheries Research and Development Division, Department of Fisheries (DOF) on 28th February 2019. It was aimed to discuss details of the information needed for preparation of baseline data in each Fisheries Refugia site. The meeting was chaired by Ms. Prulai Nootmorn, Senior Expert in Marine Fisheries, as National Focal Point for Thailand, and participated by corresponding staff from DOF, SEAFDEC, and NGO, names of which are listed as follows:

1)	Ms. Prulai Nootmorn (National Focal Point for Thailand)	Senior Expert in Marine Fisheries, Department of Fisheries
2)	Ms. Nongnut Sillapasan	Chief of Muang Fisheries District Office, Department of Fisheries
3)	Ms. Kanjana Ongpao	Senior Fishery Officer, Trat Fisheries Provincial Office, Department of Fisheries
4)	Ms. Lakkhana Leecha	Fisheries Technical Officer, Trat Fisheries Provincial Office, Department of Fisheries
5)	Ms. Supalak Roeyrap	Fisheries Technical Officer, Eastern Gulf Fisheries Research and Development Center (Rayong), Department of Fisheries
6)	Mr. Weerasak Yingyuad	Technical Coordinator for Fisheries Refugia Project, SEAFDEC
7)	Ms. Parinthon Veerapattananon	Technical Staff, SEAFDEC
8)	Ms. Ravadee Prasertcharoensuk	Director of Sustainable Development Foundation
9)	Ms. Varantorn Kaewtankam	Technical Staff, Sustainable Development Foundation
10)	Ms. Ratana Munprasit	Fisheries Refugia Project Staff, Department of Fisheries
11)	Ms. Jutima Jangjaiboon	Fisheries Refugia Project Staff, Department of Fisheries
12)	Ms. Chanokporn Muenchamnan	Fisheries Refugia Project Staff, Department of Fisheries

Conclusion of the Meeting

2. **Ms. Prulai Nootmorn**, National Focal Point for Thailand, briefed the meeting on the purposes, activities, priority species, and Fisheries Refugia sites of Fisheries Refugia project in Thailand. She highlighted that baseline data including fisheries, environment, ecosystem, and socio-economics were necessary for implementation and evaluation of the project. She mentioned

that this consultation meeting would lead to the conclusion for the most of baseline data collection in both Fisheries Refugia sites of Thailand.

3. **Ms. Ratana Munprasit**, Fisheries Refugia Project Staff of the Department of Fisheries, introduced to the meeting the contents of Fisheries Refugia profile comprising site name, geographic location, site information, priority species information, and information for GIS mapping, details of which are as follows:

1) Site name:

2) Geographic location (lat, long in degrees and minutes):

3) Site information:

- Geography
- History, population, socio-economy
- Important coastal habitats in the area (Mangrove/Coral reefs/Seagrass/ etc.)
- Number and types of fishing vessels operating in the *refugia* area
- The species and size selectivity of the principal fishing gear used
- The role of fisheries Refugia in the production (and economic value) of priority species
- Number of fisheries communities in the area
- Existing fisheries management measure in the area of the site
- Usage of Refugia by threatened and endangered marine species

4) Priority species information:

- Name (scientific/common/local name)
- Morphology
- Distribution
- Life cycle and mating behavior
- Length at first maturity / Size / Weight / Age
- Gonadosomatic index and size frequency
- Area of habitat in each stage/migration pattern
- Importance of the site to life cycle of the species as nursery/spawning/feeding etc.
- CPUE/Stock size/ MSY

5) Information for GIS mapping:

- Fisheries Refugia boundary
- Fishing area by each fishing gear
- Important coastal habitats
- Area of habitat in each stage/migration pattern of priority species.

4. **Ms. Ratana** noted that data collected for item 3), site information, were to be discussed in this meeting. In this regard, Sustainable Development Foundation would be helpful for executing data collection as it has had much experience in the communities.
5. **Ms. Varantorn Kaewtankam**, Technical Staff of Sustainable Development Foundation, presented to the meeting the questionnaire for data collection, consisted of 1) general information, 2) socio-economics of fishers, 3) fisheries management planning (including gender), and 4) fisheries status in the communities.
6. There followed a discussion regarding data to be collected for significant information: history, socio-economic status, economic species, existing conservation areas, related conservation

plans and measures, number of resources users, benefit incidence, stakeholder participation, way of living, resources conservation awareness, gender, and GIS mapping.

7. It was agreed that DOF would provide data of registered fishers and fishing boats. Community members would be fundamentally traced from House Particulars. GIS resource maps would be prepared by Eastern Fisheries Research and Development Center (Rayong). Sustainable Development Foundation would compile data from fishing communities, DOF research centers, fisheries provincial offices, Department of Marine and Costal Resources, SEAFDEC, and other related organizations to make completed site information of each Fisheries Refugia site.

