



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

REPORT

NATIONAL FISHERIES REFUGIA COMMITTEE MEETING

WEST JAVA, INDONESIA

21 JUNE 2022

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REPORT OF THE MEETING

The Meeting was organized by Research Institute of Fish Resources Enhancement (RIFE) on June 21st 2022 in Bekasi, West Java. The meeting was held attended by members of the National Fisheries Refugia Committee (NFRC), from RIFE, Center for Fisheries Research (CRF), Agency of Marine and Fisheries Research, and Human Resources (AMFRHR), and Directorate General of Marine Spatial Management (DGMSM).

MEETING NOTES:

- The fisheries refugia establishment steps consists of identification of spawning habitats and care for target species, ecobiological studies of target species, agreement with stakeholders, preparation of management plans, implementation of management and evaluation. Identification for fisheries refugia areas takes into account ecological factors, shrimp resources, mangrove conditions, suitability and delineation of refuge zones, community socio-economics, stakeholders, and Penaeid shrimp refugia management plans. The site of the Fisheries Refugia Project are in West Kalimantan Province and Bangka Belitung Province. The site of proposed Fisheries Refugia in West Kalimantan Province are Kubu Raya Regency, North Kayong Regency and Ketapang Regency, while the site of fisheries refugia in Bangka Belitung is located in Bangka Regency.
- The new fishing policy in Indonesia is the implementation of a quota-based measurable fishing policy. The Ministry of Marine and Fisheries Affairs will implement a quota-based measurable fishing policy to encourage better capture fisheries management by balancing the economy and ecology. The policy will be imposed in 11 Fisheries Management Areas (FMA) of the Republic of Indonesia. The fishing zone will be divided into six zones, one of which will be designated as a spawning zone and nursery ground.
- The establishment of a fisheries refugia in Indonesia, especially in FMA 711, is certainly in line with and supports the measured fishing policy.
- Utilization of marine space must be considered in the establishment and management of fisheries refugia because it will be related to authority. The management of fishery activities carried out in zones below 12 miles from the coastline is under the authority of the province, while for territorial waters above 12 miles it is the authority of the central government.
- The results of study from the fisheries refugia project support marine and fisheries management policies both at the regional and national levels. The results of the study in West Kalimantan and Bangka Belitung became the recommendation for the revision of the policy on the zoning plan for the coastal areas and small islands of the two provinces as well as fisheries management in both province as well as FMA 711.
- The management plans of fisheries refugia will be submitted to local governments (Department of Marine and Fisheries of West Kalimantan Province and Bangka Belitung Province) which have fisheries management authority under 12 miles. In addition, it will be submitted to the directorate general of capture fisheries as a recommendation for marine and fisheries management over 12 miles.
- Management plan in Recommendations as material for revision of RZWP3K in West Kalimantan Province and Bangka Belitung Province.
- General guidelines for fisheries refugia based on project activities are used as a reference for the replication of fisheries refugia in other Indonesian waters.

- The cooperation between the research and the authority of marine resources and marine space management is an important factor in the success of achieving the goals of fisheries refugia.
- Some of the proposed Fisheries refugia (nursery area) areas in West Kalimantan In West Kalimantan are located in conservation areas that have been designated by the Ministry of Marine Affairs and Fisheries, so that their management can be integrated with conservation areas.

ANNEX 1 LIST OF PARTICIPANTS

No.	Name of participants	Institution
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4.	Prof. Dr. Krismono	National Research and Innovation Agency
5.	Prof. Dr. Didik Wahyu	National Research and Innovation Agency
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7.	Nurfitri Syadiyah	Directorate General of Marine Spatial Management- MMAF
8.	Mahdan	Directorate General of Marine Spatial Management- MMAF
9.	Niken W	CFR-MMAF
10.	Ronny	Agency of Marine and Fisheries Research, and Human Resources -MMAF
11.	Kusnandi	CFR-MMAF
12.	Dwi Prasetyo	CFR-MMAF
13.	Aris Budiarto	Director of Fisheries Resources-MMAF
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ANNEX 2 DOCUMENTATIONS



