



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

**REPORT**

**THE NATIONAL FISHERIES REFUGIA COMMITTEE  
MEETING**

**VIRTUAL, INDONESIA  
17 JUNE 2021**

Prepared by  
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**INTRODUCTION:**

The Meeting was organized by Research Institute of Fish Resources Enhancement (RIFE) on June 17th 2021 at 10.00-12.00 PM. The meeting was held online and 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). In this meeting, the participants discussed the plan for the implementation of fisheries refugia activities to be carried out in West Kalimantan and Bangka Belitung. One of the discussions at this meeting was related to the category in determining the area used as a fisheries refugia area. Fisheries refugia will carry the same concept as area conservation that has been carried out by the Ministry of Maritime Affairs and Fisheries, under the Directorate General of Marine Spatial Planning, by considering economically important fish as targets to be protected in the area. Fisheries refugia can reduce or limit the high level of exploitation of fishing and can be an anticipatory effort to ensure the sustainability of fish resources.

**MEETING NOTES:**

Fisheries refugia can be integrated with conservation areas, for example, management of conservation areas in other zones (one of the four divisions of marine conservation area zones) determined by the central government or in marine protected areas determined by local governments. Determination of a fisheries refugia area is carried out by considering critical areas (spawning ground or nursery ground) for economic fish species as targeted fish in the area; for example, in Bangka Belitung, the focus is on squid species, and in West Kalimantan the target species is shrimp.

Management measures in fisheries refugia area: regulate types and fishing gear, and establish a closed fishing season system, where the capture of target species is closed in certain months (will be studied further)

The results of the fisheries refugia activity in Bangka Belitung will be the marine spatial technical material for the regional spatial plan of Bangka Belitung Province

The conservation area zoning plan for Bangka Belitung has been established, so it is necessary to delineate fisheries refugia area as soon as possible to recognize the existing locations of the critical area for squid, whether it is in the MPA zone or not.

**List of participants:**

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Agung Purnomo	Secretariat of Marine and Fisheries Research and Human Resources Agency
Kusnandi	Centre for Fisheries Research
Amehr Hakim	Directorate of Marine Conservation and Biodiversity, Directorate General of Marine Spatial Management
Amula Nurfiarini	Researcher in RIFE, project implementation team
Astri Suryandari	Researcher in RIFE, project implementation team

Amran Ronny Syam	Researcher in RIFE, project implementation team
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Mahdan	Directorate General of Marine Spatial Management)
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## Photograph

