



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

**REPORT**

**THE SECOND MEETING OF FISHERIES REFUGIA MANAGEMENT  
PLAN DRAFTING FOR PENAEID SHRIMP IN WEST KALIMANTAN**

**WEST JAVA, INDONESIA**

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**Vanue**

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**The objective of the meeting**

The meeting was aimed to draft a management plan of Banana shrimps (*P. merguensis* and *P. Indicus*) with a refugia fisheries approach in West Kalimantan

**Meeting Note**

Based on the results of the discussion, several important points could be noted,

- Threats to shrimp populations in their habitats include catching shrimp at a critical phase, for example catching juvenile shrimp with non-selective fishing gear as happened in Padang Tikar and Dusun Besar. The recruitment overfishing process in critical habitat areas is real when small-scale fishing activities use non-selective gear to catch fish and shrimp.
- Mangrove areas in Padang Tikar and Dusun Besar were the nursery habitat for many species of shrimp, especially banana shrimp.
- The spawning area of banana shrimp was about 15-20 miles from the coastal line at the 20-30 m depth.
- The delineation of fisheries refugia boundaries for banana shrimp in West Kalimantan was referred to as the result of identification and observation of its critical habitat.
- There are conservation areas that has been designated by the Ministry of Marine Affair and Fisheries around the Kubu raya and Kayong utara which are close to the proposed fisheries refugia area. The conservation area was determined based on the research conducted by the team of RIFRE in 2013-2015.
- The fisheries refugia approach will strengthen and complete the fisheries management measures in West Kalimantan.
- There is a crucial issue in fisheries management in West Kalimantan that must be taken note of, is 'jermal' (stow net) which spread along the Padang Tikar coastal. In this case, it is necessary to reevaluate the permit of 'jermal', especially which located near the proposed fisheries refugia site.
- The consultative meeting with the Directorate General of Marine Spatial Planning will be held in January to support and finalize the fisheries refugia management plan. Furthermore, the meeting with the authorized local government of West Kalimantan will be conducted after the first meeting to gain their view and feedback on the fisheries refugia management.

**List of participants**

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## Documentation



