



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

**REPORT**

**THE SECOND MEETING OF NATIONAL SCIENTIFIC  
AND TECHNICAL COMMITTEE**

**MELAKA, MALAYSIA  
2 SEPTEMBER 2020**

Prepared by  
**DEPARTMENT OF FISHERIES, MALAYSIA**

---

**SOUTHEAST ASIAN FISHERIES DEVELOPMENT CENTER  
TRAINING DEPARTMENT**



First published in Phrasamutchedi, Samut Prakan, Thailand in September 2020 by the SEAFDEC-UNEP-GEF Fisheries Refugia Project, Training Department of the Southeast Asian Fisheries Development Center

Copyright © 2020, 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/Malaysia. 2020. Establishment and Operation of a Regional System of Fisheries Refugia in the South China Sea and Gulf of Thailand, Report of the Second Meeting of National Scientific and Technical Committee. Southeast Asian Fisheries Development Center, Training Department, Samut Prakan, Thailand; FR/REP/MY24, 5 p.

## I. OPENING OF THE MEETING

1. The Second Meeting of National Scientific and Technical Committee on Fisheries Refugia Project in The South China Sea Waters and The Gulf of Thailand Under SEAFDEC/UNEP/GEF was held on 2nd September 2020. The list of participants is in ANNEX 1.
2. Mr. Sallehudin bin Jamon, the National Scientific and Technical Focal Point welcomed all members to the meeting. On behalf of National Focal Point, he thanked all participants for the cooperation during the past years. He also mentioned that due to the Covid-19 pandemic worldwide, some of the planned activities for year 2020 especially on consultations have been postponed. However, few survey activities managed to be implemented from July 2020 onwards by following the new Standard Operating Procedures (SOPS) as outlined by the Government of Malaysia. In addition, he believed this meeting would have a fruitful discussion on the revision of Work Plan and Expenditure for year 2020.
3. Mr. Sallehudin bin Jamon, also mentioned to the members that most of the survey activities are expected to be completed in Q4/2020. Therefore, Malaysia must move forward into the next phase to integrate all the findings to develop a comprehensive guideline and management plan for the identified sites.

## II. DISCUSSION

4. Ms. Nur Hidayah binti Asgnari, Research Officer from Fisheries Research Institute (FRI) Kampung Acheh performed as a secretariat of the meeting has introduced background and meeting agenda to the members.
5. The Site Committee meeting for the Tanjung Leman, Johor has been postponed to next year. This situation is due to the Movement Control Order (MCO) which started in March 2020 following the spread of the Covid-19 pandemic. Besides that, the Department of Marine Fisheries Sarawak has notified the appointment of the Site Committee for the Refugia Project in Kuala Baram, Miri, Sarawak to the members.
6. The Department of Marine Fisheries Sarawak will be implementing a policy of re-zoning of the zone B trawler operation area. This re-zoning policy will be included as one of the conditions when applying for an annual license renewal. With the implementation of this zoning policy indirectly the area proposed as a refugia site for tiger shrimp species has been categorized as a prohibition zone.
7. The meeting was also informed that any proposals and recommendations for the purpose of gazette ment the refugia sites in Kuala Baram should be in view and approved by the State Planning Authority as there are applications by a few stakeholders namely Miri Port Authority and Sarawak Forestry Corporation to use the same area.
8. The survey of lobster in Tanjung Leman, Johor is expected to be end in October 2020 whereas the tiger prawn study in Kuala Baram, Sarawak is targeted to be completed by end of November 2020.
9. The meeting was informed on the outcome of the Third Project Steering Committee Ad-hoc Meeting which was held virtually on 16 June 2020 as follows:
  - a) to reduce the 10% of the unspent amount of 2019 for the maintenance of PCU due to the time extension until 2021; and
  - b) To extend the project until 2022 because of Covid-19 pandemic.

## III. PROJECT PROGRESS STATUS

**A. PROGRESS REPORT ON STATUS OF TIGER SHRIMP STUDY IN KUALA BARAM**

10. The Study of Tiger Prawn Broodstock in Kuala Baram showed the maturation phase in August has recorded the highest peak.
11. The review panels have suggested that surveys and monitoring should be continued to obtain better data.
12. A socio-economic study has been conducted in Kuala Baram and the appointed panels have suggested few improvements on the study.

**B. PROGRESS REPORT ON STATUS OF THE REFUGIA PROJECT IN TANJUNG LEMAN, JOHOR**

13. The summary of progress status is as follows: -
  - a) Through the statistical data of the Department of Fisheries Malaysia, it was found that September to October showed a high landing of lobsters.
  - b) Lobsters with eggs can be found throughout the year and the spawning season is estimated to occur somewhere around July to September.
14. The review panels have suggested as follows:
  - a) To change the number of spawn lobsters to percentage for better result; and
  - b) To include the assessment of the puerulus phase (juvenile shrimp) around the coastal waters zone.
15. A socio-economic study has been conducted in Tanjung Lemau and the review panels have suggested few improvements on the study.

**IV. OTHER MATTERS**

16. The meeting was informed that the 4th Meeting of the Regional Scientific and Technical Committee Meeting and the 3rd Meeting of the Steering Committee Project have been postponed due to the Covid-19 Pandemic crisis.
17. The meeting was informed The Third Regional Training Workshop on Larval Fish Identification and Fish Early Life History Science which will be held in 2021 and all countries are invited to participate in this training using the existing provisions. The meeting agreed to send two representatives from Department of Fisheries Malaysia
18. The Chairman conveyed thanks and adjourned the meeting at 4.30pm.

## Annex 1: List of Participants

	NAME	Organization/Institutions	Remarks
1.	Mr. Sallehudin bin Jamon	Director, FRI Kg. Aceh, Perak	as Chairperson
2	Mr. Jamil bin Musel	FRI Bintawa, Sarawak	
3	Mdm. Shamila binti Zainol	Department of Fisheries	
4	Mdm. Liza binti Hj. Long	Sarawak Marine Fisheries Department	
5	Mr. Azlan bin Md Nor	Department of Fisheries	
6	Mdm. Norhanida binti Daud	FRI Batu Maung, Penang	
7	Mdm. Aishah binti Hj. Yusoff	Department of Fisheries	
8	Mdm. Nurridan binti Abdul Han	FRI Bintawa, Sarawak	
9	Mr. Ryon Siow	FRI Kg. Aceh, Perak	
10	Mr. Mohd Nizam bin Ismail	Department of Fisheries	
11	Mdm. Halina binti Hashim	Pahang State Fisheries Office	
12	Mr. Buniamin bin Kiprawi	Sarawak Marine Fisheries Department	Online
13	Mdm. Vaani Muniandy	Department of Fisheries	
14	Mdm. Nurashiqin binti Salih Udin	Department of Fisheries	
15	Ms. Bahrinah binti Bahrim	Johor State Fisheries Office	
16	Mr. Mohd. Ridzuwan bin Rahim	Southeast Asian Marine Resources Institute (ISMAT), Terengganu	
17	Ms. Nor Amnah binti Taib	Department of Fisheries	
18	Mdm. Harwati binti Rukari	Department of Fisheries	
19	Ms. Anis binti Mohd Ariffin	Miri District Fisheries Office, Sarawak	Online
20	Mr. Hj. Hadil bin Rajali	Panel Pakar Refugia	
21	Dr. Mabel Manjaji Matsumoto	Senior Lecturer, University of Malaysia Sabah	Online
22	Dr. Audrey Daning Tuzan	Senior Lecturer, University of Malaysia Sabah	Online
23	Dr. Annita Yong Seok Kian	Senior Lecturer, University of Malaysia Sabah	
SECRETARIAT			
24	Ms. Nur Hidayah binti Asgnari	Research Officer, FRI Kg. Aceh, Perak	
25	Mdm. Effarina binti Mohd Faizal Abdullah	FRI Kg. Aceh, Perak	
26	Ms. Noorul Azliana binti Jamaludin	FRI Kg. Aceh, Perak	