



UNEP-GEF- SEAFDEC
Establishment and Operation of a
Regional System of Fisheries Refugia
in the South China Sea and Gulf of Thailand
(Philippines)

Accomplishment Report 2019
Meetings, Workshops and Trainings

Val M. Borja

National Scientific and Technical Committee Focal Point
National Fisheries Research and Development Institute
Corporate 101 Building 101 Mother Ignacia, Quezon City Philippines
valborja1029@gmail.com

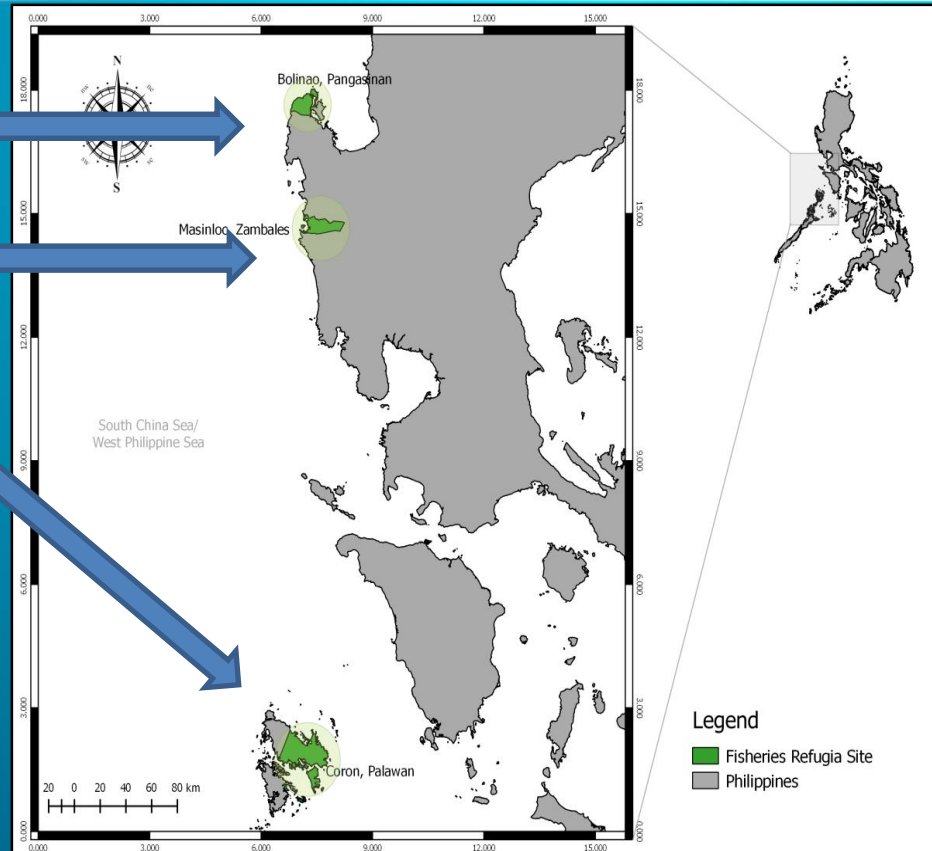
Project Site



➤ Bolinao, Pangasinan

➤ Masinloc, Zambales

➤ Coron, Palawan



CORON REFUGIA SITE
MANAGEMENT COMMITTEE (RSMC)
CONSULTATION MEETING
July 16, 2019



- A total of 21 participants
- Participants together with the *Refugia* Management Team discussed and finalized the recommended members for the Coron *Refugia* Site Management.
- Finalize the ToR of the members.
- It was identified and agreed during the meeting that Lutjanidae (*Lutjanus argentimaculatus*) species will be managed under the fisheries *refugia* site.

CORON FISHERIES REFUGIA
STAKEHOLDERS' CONSULTATION
WORKSHOP
July 17-18,2019



- Forty six participants.
- Threats and issues to Fisheries *Refugia* site observed in the Municipality of Coron were identified and consolidated.
- The committee together with the fisherfolk identified the boundaries of the proposed *refugia* site for at-sea mapping.



CONSULTATION AND REVIEW ON THE DRAFT GUIDELINES ON PROCEDURES FOR FORMAL DESIGNATION OF FISHEIRES

REFUGIA IN CORON SITE

November 13-14, 2019



- 30 participants attended
- The process of the creation of the National Guidelines for the establishment of Fisheries Refugia in the country was discussed during the consultation activity.
- The terms and agreements on what protocols and practices to follow for the creation of their guidelines was also consulted.



MASINLOC REFUGIA SITE
MANAGEMENT COMMITTEE (RSMC)
CONSULTATION MEETING

✓ August 13, 2019



- 20 participants
- Provisional Terms of Reference for the Masinloc Fisheries *Refugia* Site-based Management Committee was finalized.
- Identified and agreed on the species to be managed under the fisheries *refugia* site, tentatively, *Sardinella fimbriata* (Bilis), *Pterocaesio tesellata* (Terong), and *Auxis thazard* (Tulingan).
- The Masinloc RSMC suggested two activities for capacity building namely, Law Enforcement Training and EAFM Training.
- BFAR- Provincial Fisheries Office gave a room in their office to serve as the *Refugia* Center in Masinloc, Zambales.

MASINLOC FISHERIES REFUGIA STAKEHOLDERS' CONSULTATION

WORKSHOP

August 14-16, 2019



- 45 participant
- The threats and issues were identified and consolidated.
- Executive Order organizing the *Refugia* Site Management Committee of the Municipality of Masinloc was established.

BOLINAO FISHERIES REFUGIA STAKEHOLDERS' CONSULTATION

WORKSHOP

August 27-30,2019



- 40 participants
- The priority fishery resources such as Siganids species were finalized.
- The threats and issues in the site regarding fisheries resources and fishery management were identified and were discussed as well.
- The proposed *Refugia* site will further be legalized in Bolinao after the conduct of the at-sea mapping wherein five of their Marine Protected Areas will be included.
- The Chairman of the Bolinao RSMC, Hon. Alfonso Celeste, provided a room in the Tourism Office of the municipality to serve as the *Refugia* Center in the site.
- Executive Order organizing the *Refugia* Site Management Committee of the Municipality of Bolinao, Pangasinan was established



CONSULTATION AND REVIEW ON THE
DRAFT GUIDELINES ON PROCEDURES FOR
FORMAL DESIGNATION OF FISHEIRES REFUGIA
IN MASINLOC SITE

October 24-25,2019



- 30 participants attended
- Mr. Noel C. Barut, discussed the process of the creation of the National Guidelines for the establishment of Fisheries Refugia in the country.
- The body suggested that a resolution must be presented during the session of the Sangguniang Bayan being the legislative body of the municipality. The terms and agreements on what protocols and practices to follow for the creation of their guidelines was also consulted

ESSENTIAL ECOSYSTEM APPROACH TO FISHERIES MANAGEMENT TRAINING (BOLINAO AND MASINLOC SITE)

November 4-8, 2019



- 30 participants
- Capacity building for two municipalities identified as their needs prior to the drafting of the management plan for the fisheries *refugia* site.
- The activity was graced by Dr. Lilian C. Garcia, Interim Executive Director of NFRDI and Regional Director of BFAR IV, Wilfredo Cruz.

ESSENTIAL ECOSYSTEM APPROACH
TO FISHERIES MANAGEMENT
TRAINING (CORON SITE)
November 18-20, 2019

➤ **30 Participants attended**

➤ **Capacity building for the site identified as one of their prior to the drafting of the management plan for the fisheries refugia site.**

➤ **The activity was graced by Dr. Lilian C. Garcia, Interim Executive Director of NFRDI, by Dr. Somboon Siriraksophon, Project Director of SEAFDEC UNEP GEF Fisheries Refugia Project, Project Coordinating Unit, SEAFDEC/Training Department together with Mr. Weerasak Yingyuad, Project Technician and Fishing Gear Technician**



CONSULTATION AND REVIEW ON THE DRAFT GUIDELINES ON PROCEDURES FOR FORMAL DESIGNATION OF FISHEIRES REFUGIA IN BOLINAO SITE

December 26-27,2019



- 43 participants attended.
- The process of the creation of the National Guidelines for the establishment of Fisheries *Refugia* in the country was discussed during the consultation activity.
- The terms and agreements on what protocols and practices to follow for the creation of their guidelines was also consulted.

Fisheries Refugia: Short IEC-Lecture at the Coron School of Fisheries in celebration of the 56th Fish Conservation Week



- The short IEC-Lecture was participated by 60 Grade-9 students of Coron School of Fisheries last September 18, 2019.
- Mr. Noel Barut gave an Overview of the Fisheries *Refugia* Project
- Mr. Val M. Borja gave a lecture on the Overview of the Harmful Algal Blooms in the Philippines
- Distributed IEC materials such as leaflets and RA 10654 booklets for the school.





Accomplishments:

✓ **Executive Order for Refugia Site Management Committee established in two sites (Bolinao, Pangasinan and Masinloc, Zambales)**

Future activities:

- Continued fisheries data collection at 3 target fisheries refugia site until June 2020.
- Start of Reproductive Biology Sampling of identified priority fishes at 3 sites starting July 2020.
- Quarterly Ichthyoplankton survey until June 2020
- Conduct of at-sea mapping of actual fisheries refugia at 3 sites
- Presentation of National guidelines on procedures for formal designation and mgmt of fisheries *refugia* to the NFARMC
- Publish the different threats in 3 refugia sites
- Finalized Fisheries Management Plan in 3 sites



Future activities:

- **National Fisheries Refugia Committees and National Scientific and Technical Committees will be convened.**
- **Conduct Information, Education and Communication (IEC) Campaign In the coastal barangays/areas in 3 fisheries refugia sites.**



Budgetary Allotment for the Fisheries *Refugia* Project from 2017-2020

	UNEP/GEF/SEAFDEC (USD)	NFRDI Counterpart (PhP)
2017	\$ 4,275.00	PhP 1,648,327.53
2018	\$ 27,230.63	PhP 2,476,604.00
2019	\$ 63,196.53	Php 1,816,176.00
2020	-	Php 1,872,000.00
TOTAL	\$ 94,702.16	PhP 7,813,107.53

Thank You...

