



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

**REPORT**

**ICHTHYOPLANKTON SURVEY IN SELECTED AREAS  
OF CORON BAY**

**PALAWAN, PHILIPPINES  
29 MAY – 01 JUNE 2018**

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**HIGHLIGHT ACTIVITIES**

- 1) A courtesy visit was conducted to the Provincial Fisheries Officer for Northern Palawan, Mr. Rey Templonuevo and inform him that the Team will be conducting Initial Hydrobiological survey which includes collection of various water parameters, plankton (phytoplankton and zooplankton), and ichthyoplankton samples. We had a short meeting with the Municipal Agriculture Officer of Coron, Palawan Mr. Geronimo Javela and he also provide the coordinates of the existing Marine Protected Areas in Coron.
- 2) On the following day the team started Ichthyoplankton Survey in selected areas of Coron Bay. Initially the team identified 6 station for the survey. Horizontal towing of Bongo nets in the surface water was done for 10 minutes on board the vessel at a possible speed of about 2-3 knots in each station to collect ichthyoplankton samples for estimates of the abundance and distribution of fish eggs and larvae.
- 3) Vertical tow of phytoplankton (30 cm diameter, 1m length and 20  $\mu$ m mesh size) and zooplankton (30 cm diameter, 1m length and 64  $\mu$ m mesh size) nets from near bottom up to the surface to ensure that planktons within the water column was well represented.
- 4) Echo sounder was also used to determine the depth of every station.
- 5) Analyses of various samples (water, ichthyoplankton and plankton samples) are on-going process in the laboratory. Species composition of ichthyoplankton and plankton (phytoplankton and zooplankton) assemblages will be microscopically analyzed.

Photo documentation of actual Ichthyoplankton Survey



