

Component 1 (Fishing Gear): Philippines

The capture fisheries of Batan Bay and New Washington Estuary: Year 3 progress report

Harold Monteclaro¹, Ruby Napata¹, Liberty Espectato¹, Gerald Qunitio¹, Alan Dino Moscoso¹, Ramon Cruz¹, John Rheo dela Cruz¹, Kazuhiko Anraku², Merlina Andalecio¹, and Takaaki Nishi²

¹ College of Fisheries and Ocean Sciences, University of the Philippines Visayas, Miagao, Iloilo 5023, Philippines

² Faculty of Fisheries, Kagoshima University, Shimoarata 4-50-20, Kagoshima 890-0056, Japan

Abstract

Component 1 of the CACE Project aims to examine the capture fisheries of Batan Bay and New Washington Estuary in Aklan Province, Philippines. The foremost objective is to produce an inventory database and a reference book on the coastal fishery of the said fishing ground. To accomplish this, the following were performed:

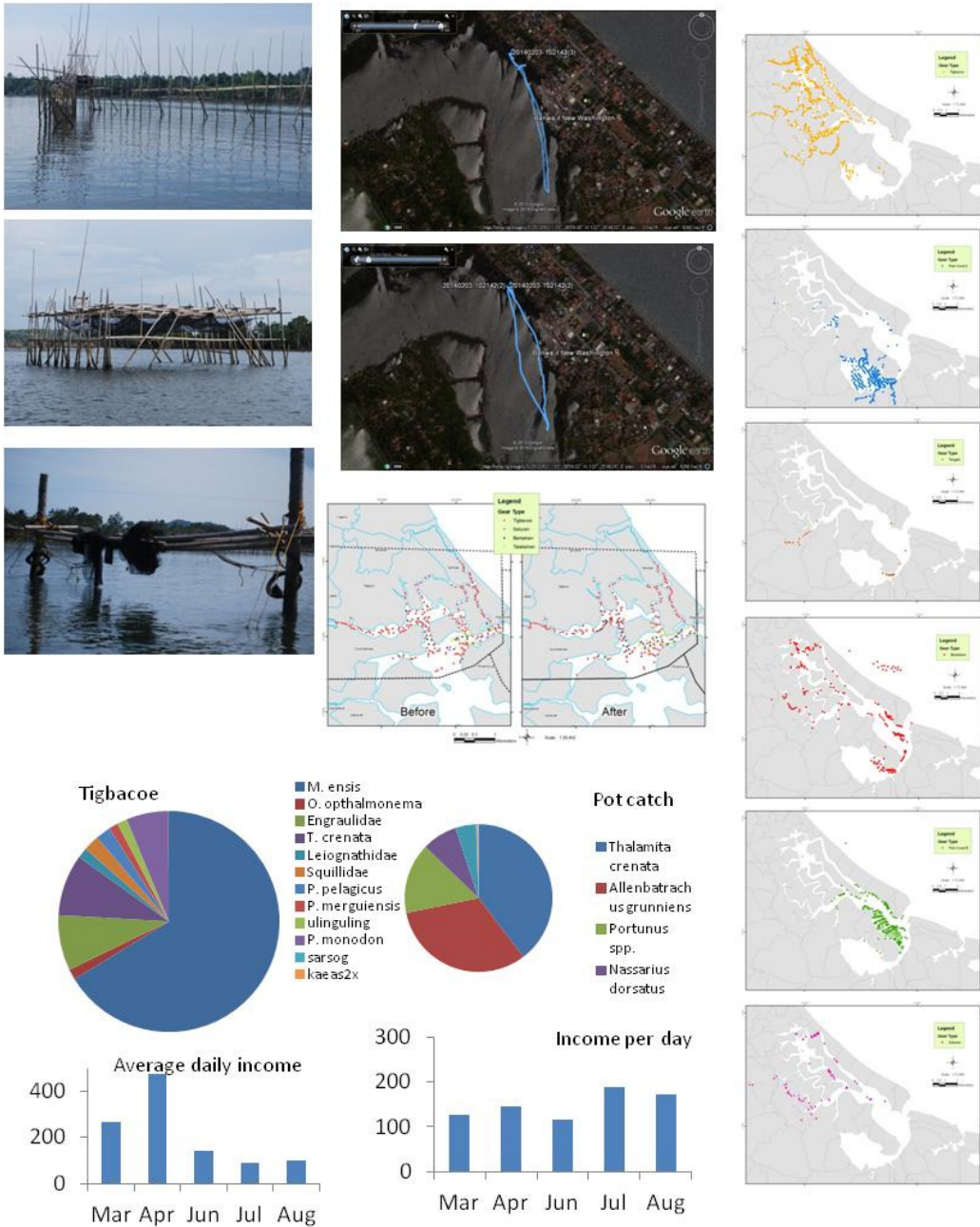
A census of fishing gears and methods used in Batan Bay involving more than 2,000 respondents;
Recording of catch information of selected fishing gears to monitor catch composition and daily income;

Identification of areas where fishing operations are conducted, GIS of stationary fishing gears, GPS tracking of selected gears, and;

Monitoring and correlation of weather information and other parameters to fishing.

As an added objective, the impacts of Typhoon Yolanda on the capture fisheries in Batan Bay were also documented.

Results of these research topics have been presented at international seminars and will be submitted for publications. Data shall also be shared with other project components for discussion and published in collaboration with other teams. In March 2015, Component 1 aims to finish a camera-ready version of a guidebook on the capture fisheries of Batan Bay. A digital library on the fishing operations in Batan Bay is also being prepared.



Top left: Dominant fishing gears in Batan Bay
 Top, center: GPS tracking of selected fishing gears
 Right: Mapping of stationary fishing gears in Batan Bay
 Center: Impacts of Typhoon Yolanda on stationary gears
 Bottom, left: Catch information of selected fishing gear