

Jennifer C. Selgrath, Chris Roelfsema, Sarah E. Gergel, and Amanda C. J. Vincent. Mapping for Coral Reef Conservation: Comparing the Value of Participatory and Remote Sensing Approaches. *Ecosphere* 7.

Appendix S1. Supplementary method information, including a diagram explaining the process of creating local environmental knowledge habitat maps, a map of validation surveys for habitat maps, and photographs of habitats in the Danajon Bank, Central Visayas, Philippines.

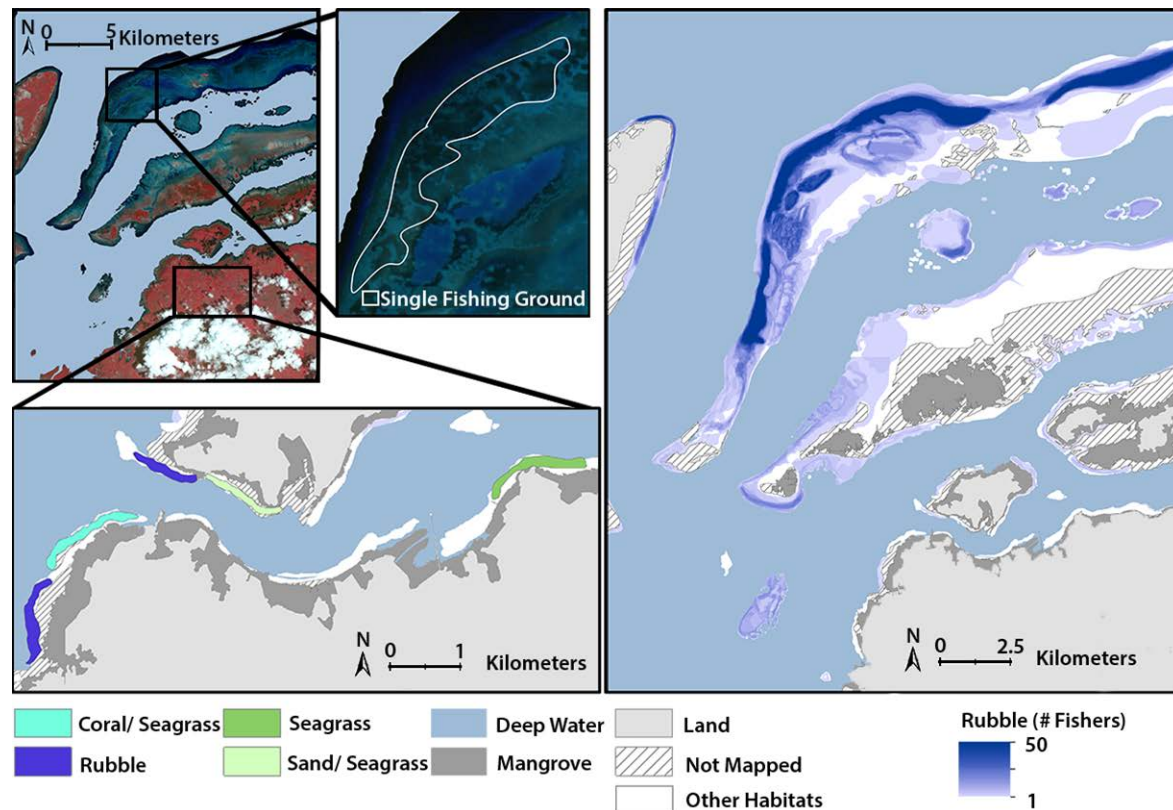


Figure S1. The process of creating LEK maps. (a) Fishers mapped habitats on a SPOT-5 satellite image base map (10 m x 10 m pixel size); (b) Fishers delineated single fishing grounds and mapped the habitats found therein; (c) Each fisher created a habitat map which identified the habitats found in all of their fishing grounds; (d) For each benthic habitat that was mapped, we layered the maps for all fishers and counted the number of fishers who documented that a habitat was present at each location on the map. Depicted here is the map showing how many fishers said 'Rubble' was present.

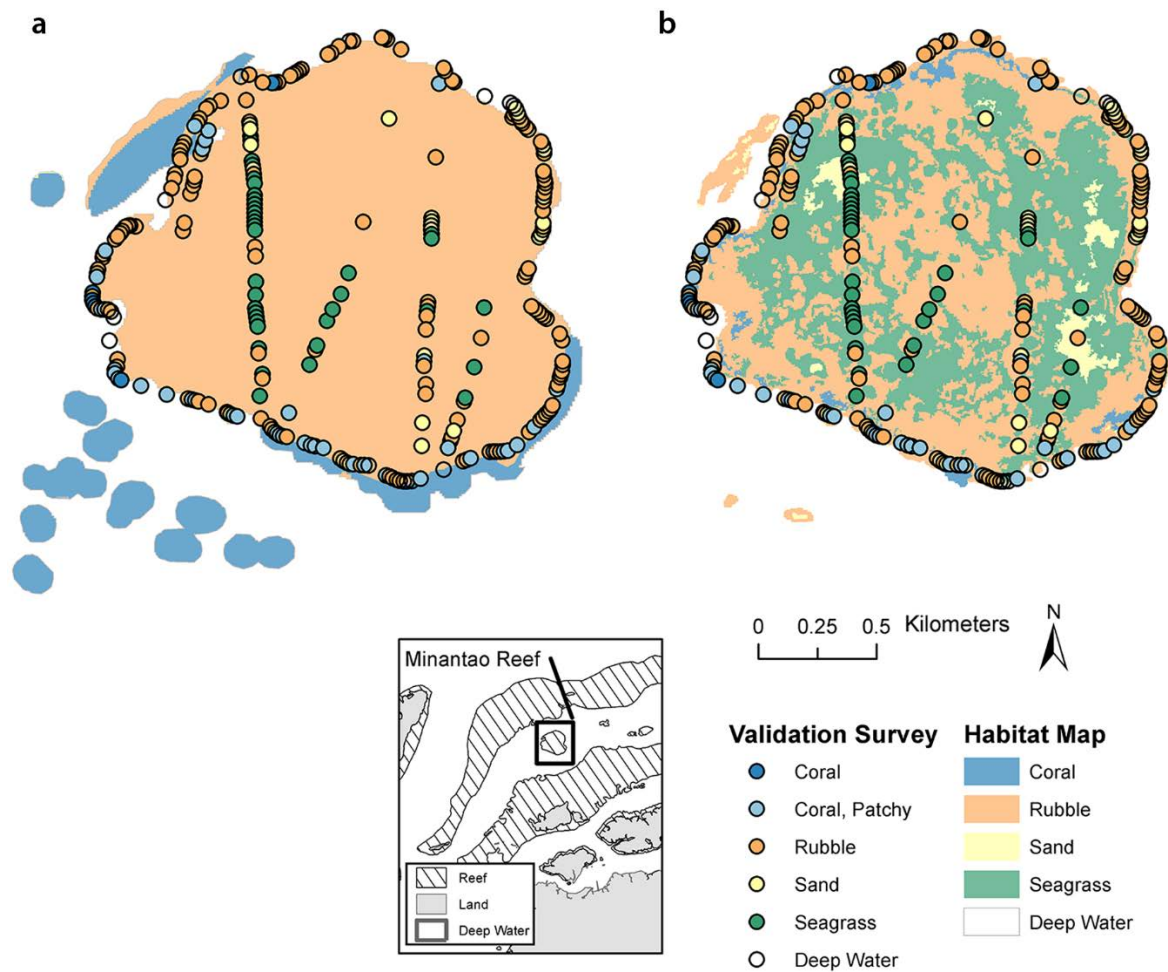


Figure S2. Validation for a subset of the Danajon Bank habitat maps used independent habitat survey data from the Minantao Reef. Validation surveys are shown overlaying the: (a) local environmental knowledge (LEK) map; and (b) high spatial resolution remote sensing (RS) map.