

# AI for the Belize National Marine Habitat Map



Goal: To use Microsoft Azure's cloud computing power in conjunction with field surveys, 3m PlanetScope imagery, supplementary 10m Sentinel-2 imagery, and Machine Learning techniques, to develop an updated, finer-scale version of the National Marine Habitat Map for the period 2020 / 2021.

Scope: The project's geographic focus will be Belize's coastal and marine ecosystems with particular focus on coral reefs, seagrass, and mangrove ecosystems.

Partnership: Lead - Coastal Zone Management Authority and Institute, Belize, C.A. | Partner- GRH Consulting, LLC, Alabama, U.S.A.