

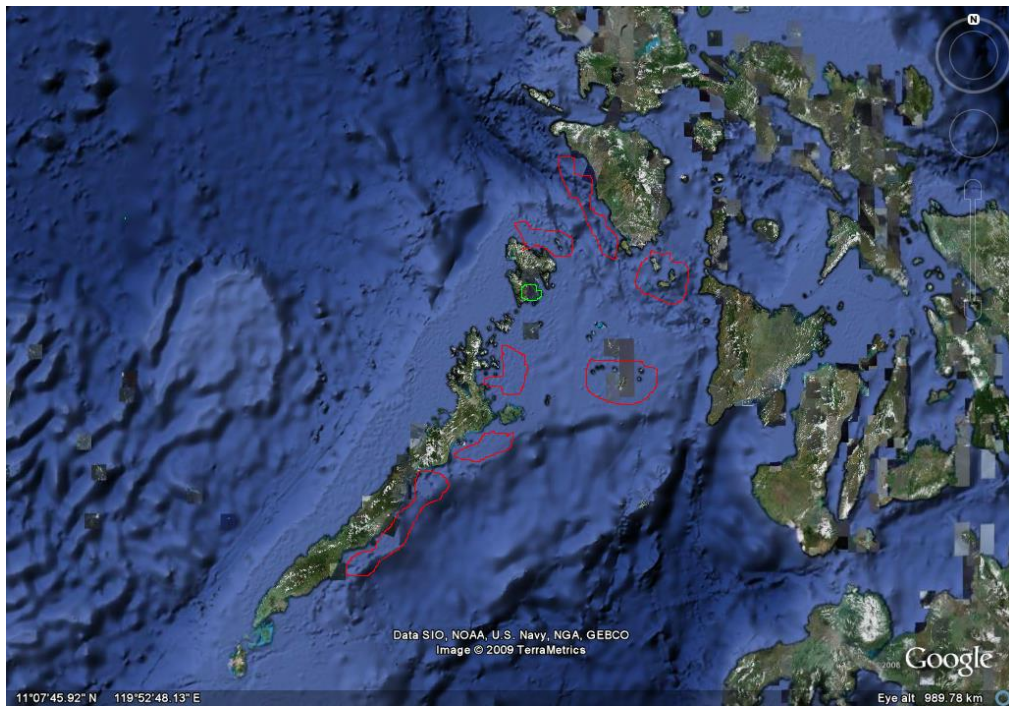
# DUGONG INTERVENTION

- I. Sanctuary will become the only permanent facility in the Calamianes Area supporting programs on dugong conservation:
  - A. Survey and data collection of Dugong encounters, sightings, research initiatives, projects implemented, IEC programs on dugong conservation and awareness in Culion, neighboring areas like Club Paradise (regular sighting of dugong during scuba diving operation, Honda bay dugong conservation initiatives, Municipality of Cuyo Dugong Records of encounters and sighting or programs related to dugong conservation,
  - B. Information and Education Campaign Program on Dugong Conservation: “AWARENESS”
  - C. Resource inventory of Dugong Food, Habitat and Migration patterns
  
- II. Potential of Dugong Habitation of Culion Island, adjacent smaller islands and underwater mounds. Due to development aggression in mainland Palawan and surrounding provinces where dugongs are frequently sighted; increasing pressure on dugong habitat in the coastlines of mainland Palawan especially increasing tourism activities in Honda Bay where dugong is frequently seen the probability of dugongs moving away from this areas is very high, thus Culion area is a good prospect due to lesser marine activities and pristine conditions of the marine resources.

**Note:** Intensive and comprehensive exploration of marine resources vital to dugong survival, habitation, food and reproduction will reveal the current situation of dugong activities in the Island of Culion and its outer limits. The Whale Shark Ecotourism Development Project of UNDP/WWF took the same strategy to disclose the current condition of the Whale Shark population in Donsol, Sorsogon. The data from second hand sources yielded low population levels. Data from Whale Shark inventory showed very high concentration of species in the waters of Donsol. The same scenario might happen to dugong population and activities.
  
- III. Resource Inventory of Sea grass beds in Tangyad, outer limits of Tangyad and areas with high density of dugong food—sea grass (strategy: initial diving exploration and documentation of sea grass beds in and outer limits of the sanctuary).

Note: maps showing possible presence of sea grass and other sea weed areas

IV. Maps showing current dugong habitation, migration and feeding grounds



V. Picture showing Sea grass and sea weed areas in Tangyad property



VI. Picture showing areas where potential dugong habitation, feeding and migration paths

