

Sea Turtle-Friendly Zonation Area, Case Studies Goa Cemara Beach, Yogyakarta, Indonesia

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Sea turtle is one of the ocean - creature that has a specific habitat, which is coastal ecosystem. The suitable coastal ecosystem for sea turtles are consisting of some specific geomorphic characteristics. Geomorphic characteristics consists of several parameters, ie slope, wind, climate, waves, currents, and grain size of sand.

One of the Sea turtle habitat is located in Goa Cemara Beach. The beach has been converted into a tourist area by now. Rapid changes are not equipped with an insight of local wisdom and environmental assessment, thus it threatened the habitat of sea turtle. This study aims to determine the appropriate geomorphic conditions for sea turtle nesting habitat. The second objective is to recommend the spatial zoning that is friendly to the sea turtle' s habitat. The data used in this research are primary data and aerial photo interpretation. Primary data conducted by observation and direct measurement in the field. The expected output of this research are map of the spatial zoning that is turtle-friendly and map of the former turtle' s nest.

Keywords: Sea Turtle, Coastal Zonation, Aerial Photography