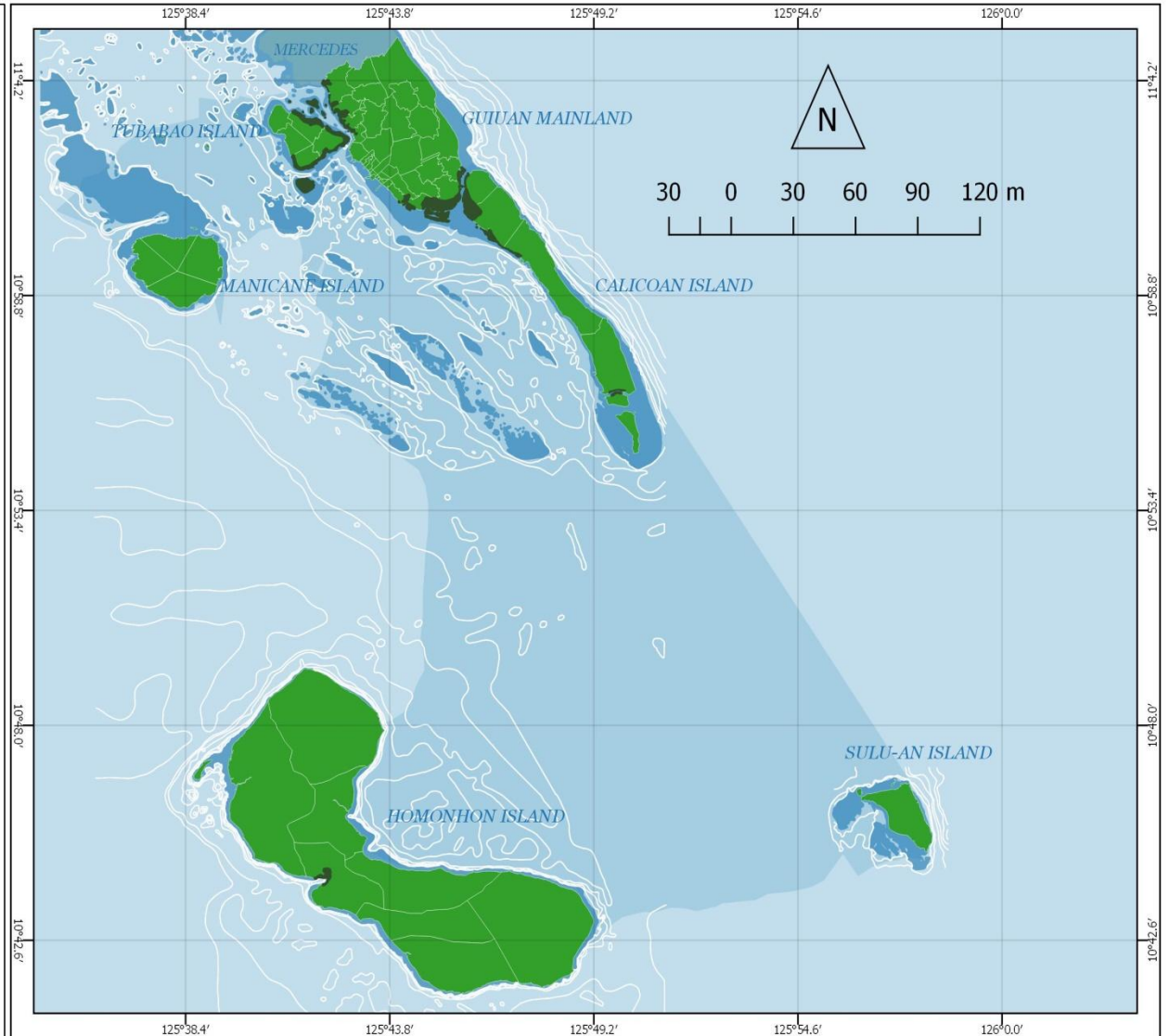


GUIUAN

MUNICIPALITY OF GUIUAN
PROVINCE OF EASTERN SAMAR

PROTECTED LANDSCAPE AND SEASCAPE MAP

-  Mangrove
-  Boundary
-  NAMRIA Bathymetry lines
-  Coral Reef
-  Guiuan GMRPLSestimated



Climate Scenario	Problem/Issues	3r/Watershed Solution
Estimated increase of annual precipitation	Flooding	Trenching on the left side of the national highway within the recharge area
Increase in tropical cyclone intensities		Application of mini-dam for agricultural use
	Decrease in water quality	Infiltration system
		Rain forestation of watershed/recharge area
		Gully traps, Intake box,
		Rain water harvesting
Estimated increase of mean temperature	Increase incidence of heat wave, drying-up of deep wells	Greening in urban areas (sponge technology)
Sea level rise	Salt water intrusion	Mangrove forest management Application natural stretch dams