



The steep faces of these ledges may be areas that support high biodiversity.

The Northeast corner of Guam is outlined by a highly rugose offshore ridge that runs parallel to the coast.

Just outside Apra Harbor, high rugosity highlights small pinnacles and long ridges that may be important habitat for ahermatypic corals, bottom fish, and other organisms.

Guam Island Rugosity

60-m grid cell size
 NOAA PIFSC Coral Reef Ecosystem
 Division, Pacific Islands Benthic
 Habitat Mapping Center
NOT FOR NAVIGATION

UTM, Zone 55N,
 WGS84
 0 2.5 5 Km

Rugosity is derived, using the Benthic Terrain Modeler, from multibeam bathymetry collected aboard NOAA Ship Hi'iialakai and R/V AHI. Cell values for rugosity reflect the surface area to planimetric area ratio for the area contained within that cell's neighborhood, and provide an index of topographic roughness. Grayscale elevation data, in meters, are courtesy of the USGS. See metadata for more information.

