



**Guam Island Rugosity**  
 5-m grid cell size  
 NOAA PIFSC Coral Reef Ecosystem  
 Division, Pacific Islands Benthic Habitat  
 Mapping Center  
**NOT FOR NAVIGATION**

Universal Transverse Mercator Projection, Zone 55N, WGS84  
 Rugosity is derived from multibeam bathymetry, collected aboard  
 NOAA Ship Hi'ialakai and R/V AHI, using the Benthic Terrain Modeler.  
 Cell values for rugosity reflect the surface area and (surface area) /  
 (planimetric area) ratio for the area contained within that cell's  
 neighborhood. They provide indices of topographic roughness.

