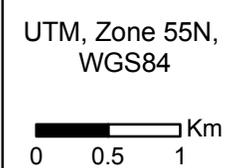


Steep slopes delineate well developed ridges and canyons that may be evidence of mass wasting from past landslides.

The edges that outline the crests and shelves around the island are steep transitions to deep slopes.

This broad submarine canyon is delineated by very steep slopes, perhaps, providing important habitat for ahermatypic corals, bottomfish, or other organisms.

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



Slope is derived, with the ArcGIS Spatial Analyst extension, from multibeam bathymetry collected aboard the NOAA Ship Hi'ialakai and R/V AHI. The slope value of each cell is the maximum change in elevation, in degrees, between the cell and its 8 neighboring cells. Grayscale elevation data, in meters, are courtesy of USGS. See metadata for more information.

