



- BPI Structures**
- Narrow Depression
 - Depression on Flat
 - Midslope Depression
 - Depression on Crest
 - Open Depression
 - Broad Flat
 - Shelf
 - Escarpment
 - Crest in Depression
 - Crest on Flat
 - Midslope Crest
 - Narrow Crest
 - Near Vertical Wall
 - Broad Crest

Linear crests and depressions align to form a series of offshore ledges and canyons that may be important habitat for deep water organisms.

The Northeast corner of Guam extends as broad and narrow crests that lead to a diverse offshore environment.

Just outside Apra Harbor, a diverse network of structures across the sloping terrain may be important habitat for ahermatypic corals, bottom fish, and other organisms.

Guam Island BPI Structures
 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

Guam Bathymetric Position Index (BPI) Structures are derived from two scales (240 and 1020) of a focal mean analysis on bathymetry and slope to predict reef structures. Shelves are defined here as those at depths above -100m while broad flats are found below -100m. These definitions are based on a bathymetric drop off outside the harbor and at the edge of Tatsumi Bank. Grayscale elevation data, in meters, are courtesy of the USGS. See metadata for more information.

