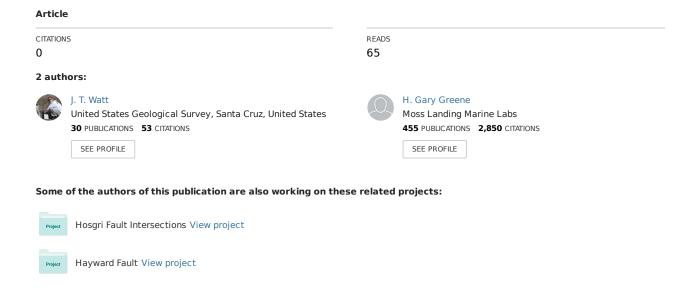
Using Multibeam Bathymetry to Investigate Marine Geology and Potential Marine Reserves in the San Juan Islands, Washington, USA

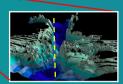




Using Multibeam Bathymetry to Investigate Marine Geology and Potential Marine Reserves in the San Juan Islands, Washington, USA







Large-scale Lineation

Small-scale Lineation



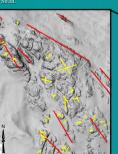


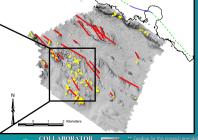








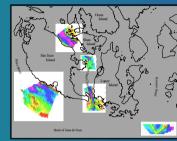


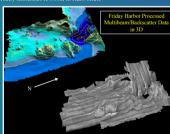


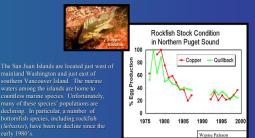


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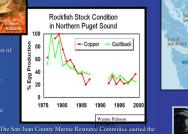






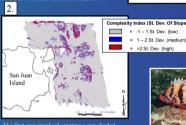


being used to choose potential reserves. According to this model; habitat for adult, Island





areas of complex seafloor, which was interpreted were merged prior to analysis in order to standardize the resulting complexity index for the



upon adjacent depth values. Then the standard

datasets can be overlaid on this image to get a better idea of the spatial orientation of the data



High Complexity Habitat

= >2 St. Dev



In an attempt to verify that the computer-generated rockfish habitat in fact harbors rockfish, previously confirmed that critical bottomfish species had at one time existed on or directly adjacent to the computergenerated highly complex habitat. In order to begin

