Seabed Classification Maps for Golden Gate National Recreation Area

Example of a Successful Partnership in Marine Benthic Mapping

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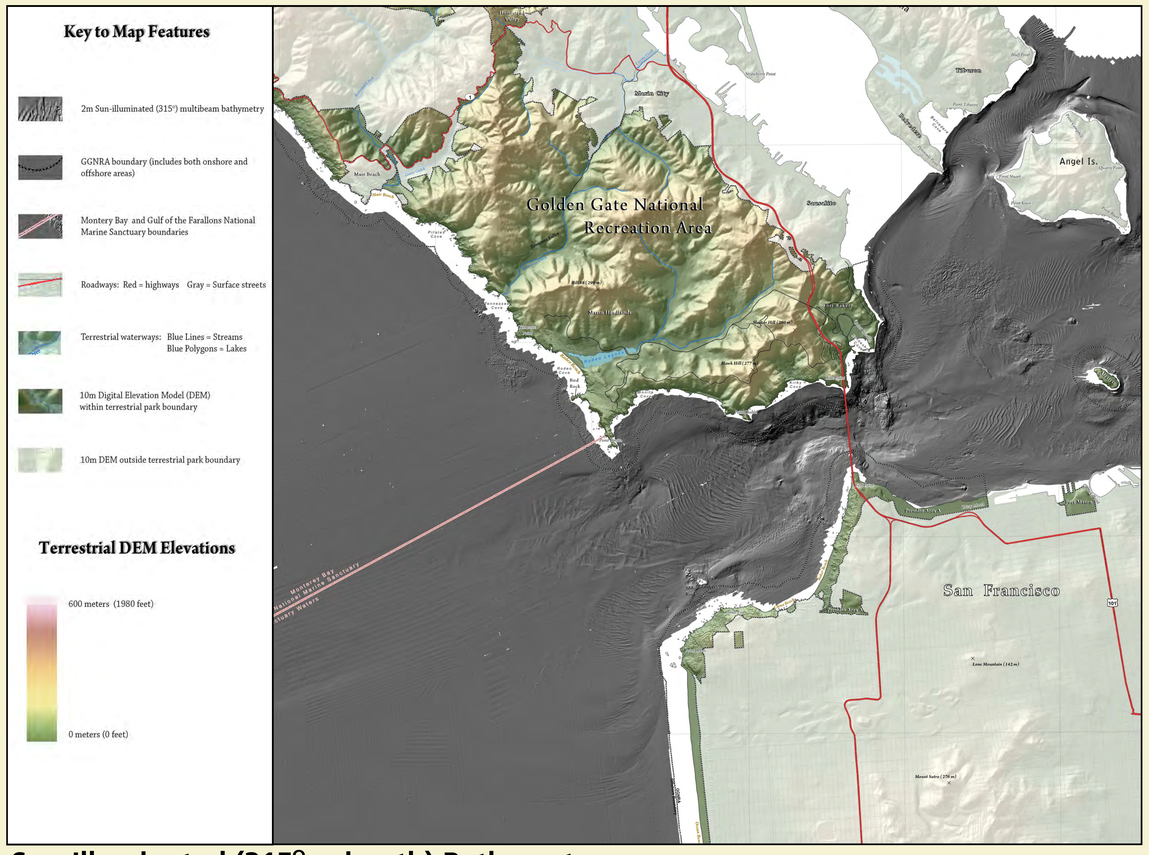
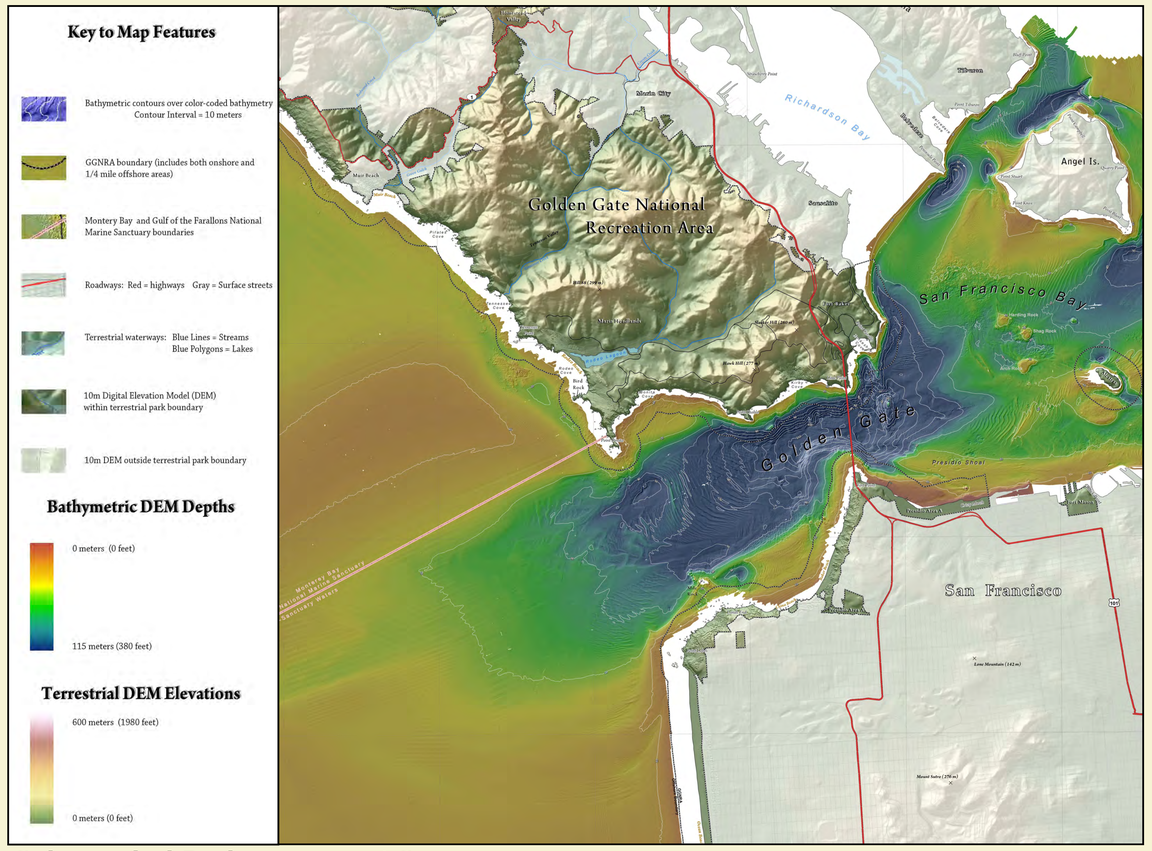
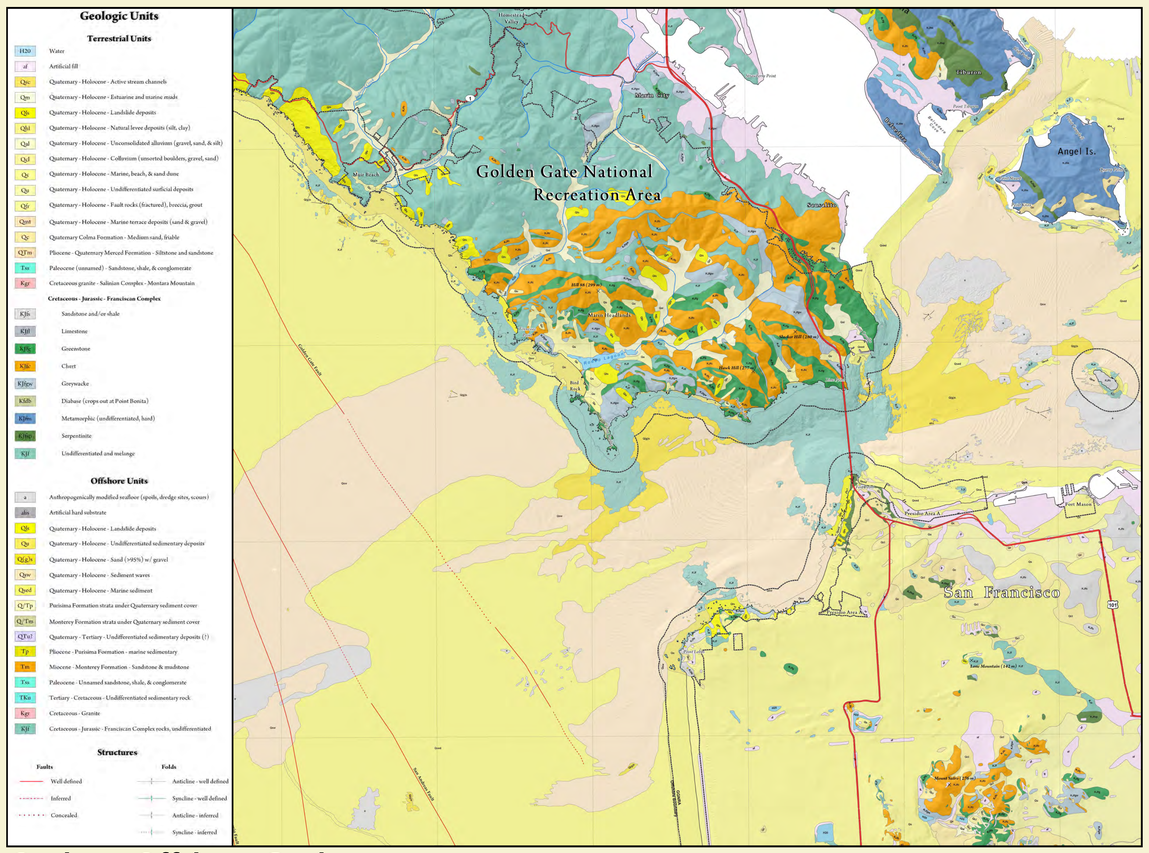
Samples From The Seabed Classification Map Series for Golden Gate National Recreation Area



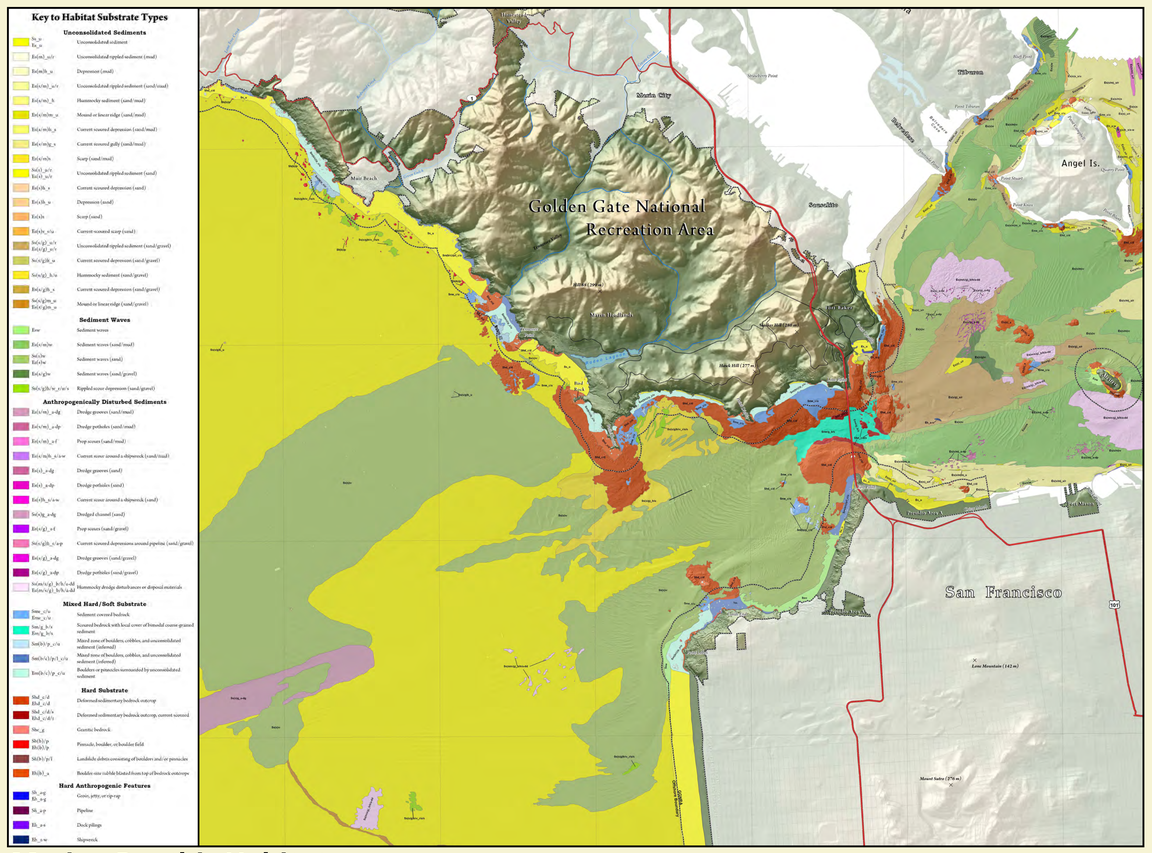
Sun-Illuminated (315^{O} azimuth) Bathymetry



Color-coded Bathymetry w/ Contours



Onshore-Offshore Geology



Marine Benthic Habitats

Summary

A Seabed Classification Map Series for the Golden Gate National Recreation Area was published in 2009. The five maps in the series depict potential marine benthic habitats, color-coded bathymetry with contours, sun-illuminated bathymetry, onshore - offshore geology and acoustic backscatter imagery, at a scale of 1:24,000. The project involved the compilation and interpretation of all available seafloor mapping data in and around the Golden Gate National Recreational Area. This poster shows samples from the map series and is presented as an example of NPS partnerships in marine benthic mapping.

Partnership

The map series resulted from a collaborative pilot project between the National Park Service, Moss Landing Marine Labs, the U.S. Geologic Survey and the University of California, Fresno. It was edited by H. Gary Greene from the Center for Habitat Studies, Moss Landing Marine Labs, and will guide future habitat characterization projects at other NPS ocean and coastal parks. The data, maps and project report are available on the NPS Natural Resource Information Portal: *http://nrinfo.nps.gov/Reference.mvc/Profile?Code=2165931*. The report is also available at *sfnps.org/download_product/1970/0*.

About the author

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