

BOX 13 | Databases and Internet Resources on Seamounts

DATABASES, ONLINE INFORMATION SYSTEMS, AND SEAMOUNT TOOLS

- Seamount Catalog and Bathymetric FlashMap
<http://earthref.org/databases/SC>
- Seamount Biogeosciences Network (SBN)
<http://earthref.org/SBN>
- Online Information System for Seamount Biology (SeamountsOnline)
<http://seamounts.sdsc.edu>
- Global Census of Marine Life on Seamounts (CenSEAM)
<http://censeam.niwa.co.nz>
- Global Information System on Fishes (FishBase)
<http://fishbase.org>
- Seamount Ecosystem Evaluation Framework (SEEF)
<http://www.seamunteef.org>
- Global Information System on Coral Reefs (ReefBase)
<http://www.reefbase.org>
- Image-based Encyclopedia of Islands
<http://www.oceandots.com>
- Measured and Estimated Seafloor Topography Maps and the Seamount Discovery Tool for Google Earth (D. Sandwell, SIO)
http://topex.ucsd.edu/marine_topo/mar_topo.html
- Geochemistry Databases PetDB & GEOROC
<http://earthchem.org>

ORGANIZATIONS WITH SEAMOUNT MISSIONS

- NOAA's Office of Ocean Exploration & Research (NOAA-OER)
<http://oceanexplorer.noaa.gov/gallery/maps/maps.html>
<http://explore.noaa.gov>
- Pacific Islands Fisheries Science Center of the National Marine Fisheries Service (NMFS)
<http://www.pifsc.noaa.gov>
<http://www.pifsc.noaa.gov/cred/hmapping/datadownload.php> (download site)
- The Pacific Islands Benthic Habitat Mapping Center (PIBHMC)
<http://www.soest.hawaii.edu/pibhmc>
- An Integrated Study of Oceanic Seamounts (OASIS)
<http://www1.uni-hamburg.de/OASIS>
- The Antarctic and Southern Ocean Coalition (ASOC) Advocacy
<http://www.asoc.org/AntarcticAdvocacy/CriticalIssues/SeamountsProtection.aspx>

SEAMOUNT EDUCATIONAL WEB SITES

- Education: Exploring Alaska's Seamounts
<http://oceanexplorer.noaa.gov/explorations/02alaska/background/edu/education.html>
- Axial Seamount Education Curriculum Materials
<http://www.pmel.noaa.gov/vents/nemo/education.html>

SEAMOUNT OBSERVATORIES

- The New Millennium Observatory (NeMO) at Axial Seamount
<http://www.pmel.noaa.gov/vents/nemo>
- Fe-Oxidizing Microbial Observatory Project on Lō'ihi Seamount (FeMO)
<http://earthref.org/FEMO>
- Ocean Observing Initiative (OOI) on Axial Seamount
<http://www.oceanleadership.org/programs-and-partnerships/ocean-observing/ooi>

SEAMOUNT VIDEOS

- Undersea Eruptions at NW Rota-1 Volcano (Mariana Volcanic Arc)
<http://nwrota2009.blogspot.com>
<http://oceanexplorer.noaa.gov/explorations/06fire/logs/photolog/photolog.html>
- Undersea Eruptions at W Mata Volcano (Lau Back-Arc Basin)
<http://laueruptions.blogspot.com>
<http://www.pmel.noaa.gov/vents/laubasin/laubasin-multimedia.html>
- Movies From the FeMO Observatory at Lō'ihi Seamount (Hawai'i Hotspot Trail)
<http://earthref.org/FEMO/cruises/2008/allvideos.htm>
- Movies From the New Millennium Observatory (NeMO) at Axial Seamount
<http://www.pmel.noaa.gov/vents/nemo/explorer.html>
<http://www.pmel.noaa.gov/vents/nemo/dive.html>
- Explorations of the Mariana Arc Seamounts
<http://oceanexplorer.noaa.gov/explorations/06fire/logs/photolog/photolog.html>
<http://oceanexplorer.noaa.gov/explorations/04fire/logs/photolog/photolog.html>
- Explorations of the Kermadec Arc Seamounts
<http://oceanexplorer.noaa.gov/explorations/07fire/logs/photolog/photolog.html>
<http://oceanexplorer.noaa.gov/explorations/05fire/logs/photolog/photolog.html>
- Exploration of Vailulu'u Seamount (Samoan Hotspot Trail)
<http://www.youtube.com/watch?v=2QLIC2tKwGY>
<http://earthref.org/SBN/vailuluu>
- Exploration of the Gulf of Alaska Seamounts
<http://www.youtube.com/watch?v=vdrdAt3T8UM>