Data and Products Thu Mar 28 00:05:41 HST 2024

Name	Hawaii Ocean Observing System (HiOOS)
Capability Area	- Understanding Climate Impacts and Informing Adaptation
Focus Area	- Coastal Inundation/Sea Level Rise, Extreme Weather, and Community Resilience - Marine and Terrestrial Ecosystems
Regions	- Central North Pacific - State Of Hawaii
Data/Physical	- Data - Physical - In-situ Observations - Satellite-Remote Observations - Model Results - Bathymetry and Topography - Oceanic (e.g., Water Temperature, Salinity, Acidity, Sea Level, Wave Height)

Products/Physical	- Products - Physical - Hindcasts (climatologies) - Outloooks (monthly to annual) - Impacts - Flooding/Inundation - Bleaching - Spatial Scale - Location/Site - Time Scale - Past - Current - Future - Methodology - Obs/In-situ - Obs/Remote - Model/Statistical - Model/Dynamical - Guidance, including “Best Practices” Manuals, Toolkits, and Guides - Applications, including Visualization and Decision Support Tools - Oceanic (e.g., Water Temperature, Salinity, Acidity, Sea Level, Wave Height)
Sectors	- Public Health and Safety - Energy - Transportation/Communication and Commerce - Community Planning and Development - Agriculture and Fisheries - Recreation and Tourism - Ecosystems
Description	HiOOS is the Hawaiian Islands component of the Pacific Islands Ocean Observing System which is one of eleven regional observing programs in the U.S. that are supporting the emergence of the U.S. Integrated Ocean Observing System. HiOOS is a coordinated effort among numerous researchers at UH/SOEST as well as various other federal, state, and county agencies, non-profit organizations, and private companies. HiOOS seeks to provide accurate, timely and reliable information about the coastal and open ocean. HiOOS component groups are collecting data and producing data products that focus on four main catalyst projects in the Hawaiian Islands: Coastal Resiliency; Marine Ecosystem Stewardship; Ocean & Beach Conditions; and Automated Water Quality Sensing.
Url	http://oos.soest.hawaii.edu/pacioos/regions/hawaii.php
Lead Agencies	University of Hawaii –SOEST, University of Hawaii - Sea Grant, NOAA

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