Data and Products Thu Mar 28 20:36:13 HST 2024

Name	Pacific Islands Ocean Observing System (PacIOOS)
Capability Area	- Understanding Climate Variability and Change - 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 - North Western Hawaiian Islands - Pacific Remote Islands - Western North Pacific - CNMI - FSM - Guam - Palau - RMI - South Pacific - American Samoa
Data/Physical	- Data - Physical - In-situ Observations - Satellite-Remote Observations - Model Results - Bathymetry and Topography - Atmospheric (e.g., Air Temperature, Rainfall, Wind Speed and Direction) - Oceanic (e.g., Water Temperature, Salinity, Acidity, Sea Level, Wave Height)

Products/Physical	- Products - Physical - Hindcasts (climatologies) - Outloooks (monthly to annual) - Impacts - Drought - Flooding/Inundation - Eroison - Bleaching - Spatial Scale - Region/Nation - Location/Site - Time Scale - Past - Current - Future - Methodology - Obs/In-situ - Obs/Remote - Model/Statistical - Model/Dynamical - Projections (intrannual to multi-decadal) - Guidance, including “Best Practices” Manuals, Toolkits, and Guides - Applications, including Visualization and Decision Support Tools - Atmospheric (e.g., Air Temperature, Rainfall, Wind Speed and Direction) - 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	PacIOOS is one of eleven regional observing programs in the U.S. that are supporting the emergence of the U.S. Integrated Ocean Observing System. PacIOOS works to develop the observational, modeling, data management, and outreach components of an end to end ocean observing system to generate products that help to ensure a safe, clean, and productive ocean and a resilient coastal zone for the U.S. Pacific Islands. PacIOOS has focused initial development on water quality sensing, prediction of coastal hazards, ocean state observations, marine ecosystem information, ocean models, and the development of integrated data access and visualization capabilities. PacIOOS Voyager is an interactive map interface for visualizing and downloading oceanographic observations, forecasts, and other geospatial data and information related to the marine environment and beyond.
Url	http://www.soest.hawaii.edu/pacioos/
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