

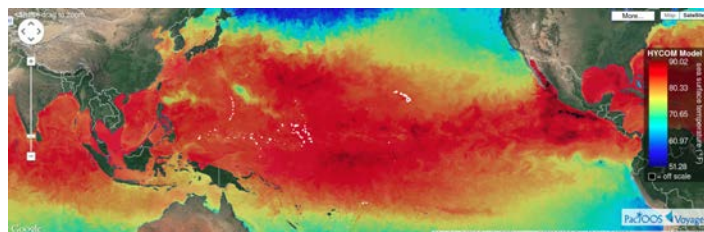


# PacIOOS

## Pacific Islands Ocean Observing System

www.pacioos.org

*by observing we learn*



### Voyager is a Free, Interactive Online Mapping Platform for the Pacific Islands

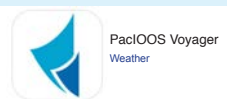
- **Audience:** Voyager is a great tool for resource managers, planners, policy makers, ocean users, harbor users, and the general public.
- **Data:** Voyager hosts a variety of geospatial data. Overlays of recent, historical, and forecast data are available, and both dynamic and static data sets are included.
- **Uses:** Voyager allows users to easily combine, view, download, and query thousands of data layers, serving as a decision-making tool for the Pacific Islands.

### PacIOOS Voyager Highlights:

- Direct link at <http://pacioos.org/voyager>;
- Real-time and near real-time data layers available;
- Activate multiple spatial and/or point data layers;
- Save view of active layers with a quick, short URL;
- View time series plots for period of interest;
- Download data in multiple formats;
- Filter data overlays by region;
- Great for data visualization and decision-making; and
- No technical expertise required.



PacIOOS Voyager is now accessible on mobile devices and available for download in the iTunes App Store!



Scan the code or go to:  
[www.pacioos.org/voyager/mobile/](http://www.pacioos.org/voyager/mobile/)



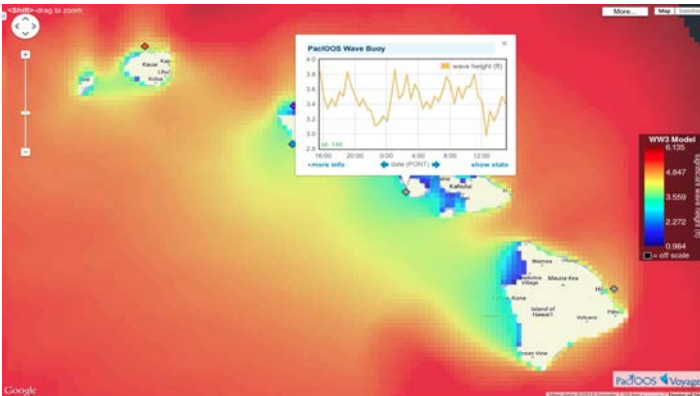
PacIOOS' region includes the U.S. Pacific Islands (Hawai'i Archipelago, Marshall Islands, Federated States of Micronesia, Palau, Guam, CNMI, American Samoa and U.S. Pacific Remote Island Areas).

PacIOOS is based within the School of Ocean and Earth Science and Technology at the University of Hawai'i at Mānoa. It is one of 11 regional associations that make up the U.S. Integrated Ocean Observing System (IOOS®). PacIOOS is a partnership of data providers and users working together to enhance ocean observations and develop, disseminate, evaluate, and apply ocean data and information products designed to address the environmental, economic, and public safety needs of stakeholders who call the Pacific Islands home.

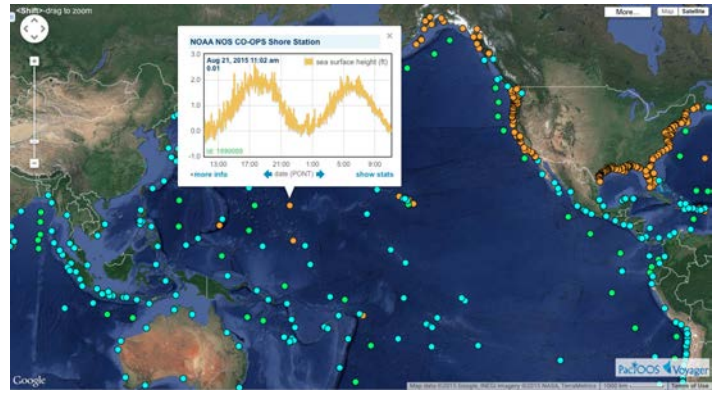




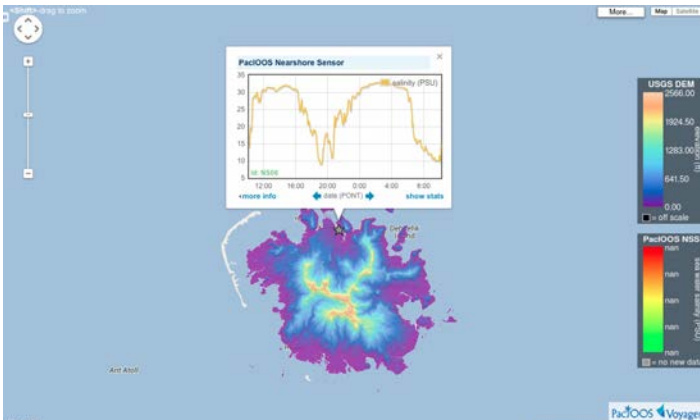
## Example Maps



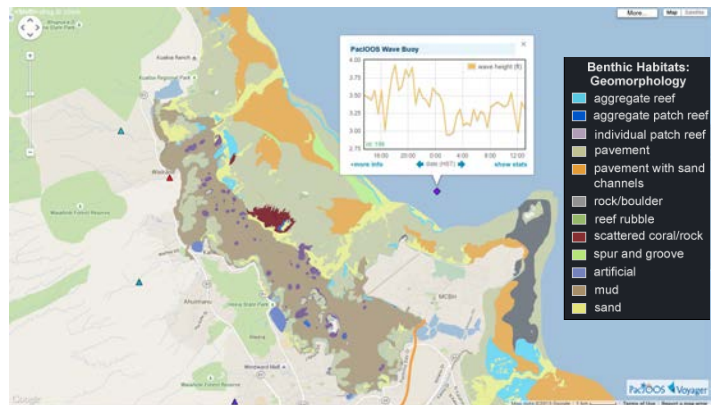
**PacIOOS High Resolution Surf Forecast** for the main Hawaiian Islands and PacIOOS Wave Buoys.



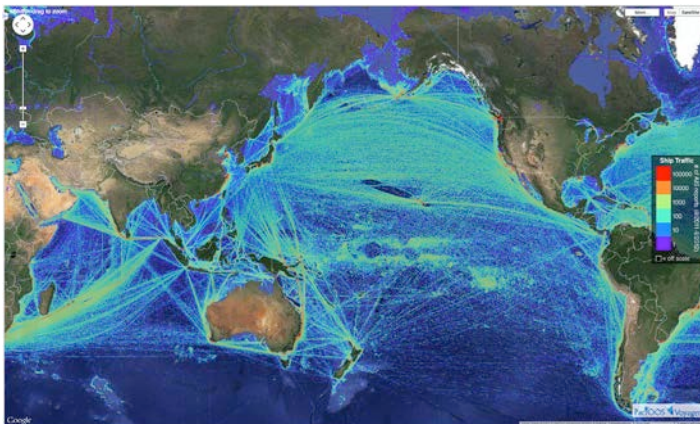
**Water Levels across the Globe:** Tide and water level stations (DART stations, IOC stations, and NOS Shore Stations) can be found worldwide.



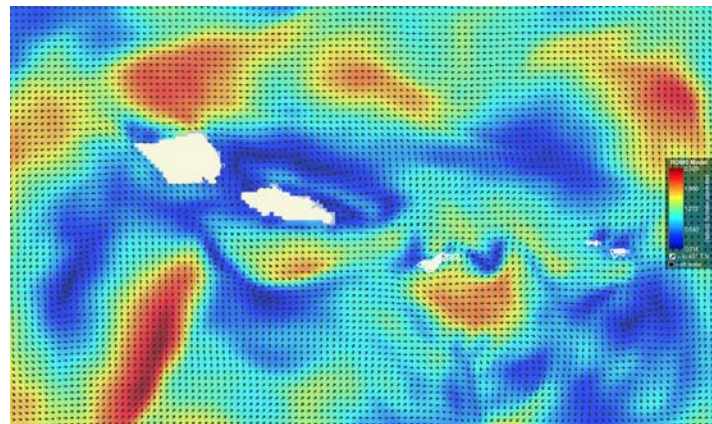
**Water Quality:** View and download data from the PacIOOS Nearshore Sensors throughout the Pacific in Voyager. The **Digital Elevation Model** provides information about the land surface (shown here: Pohnpei, FSM).



**Observing Assets in He'eia Ahupua'a (NOAA Sentinel Site):** PacIOOS wave buoys, NOAA benthic habitat geomorphology, and locations of USGS stream and rain gauges are available on PacIOOS Voyager.



**Global Ship Traffic:** Global ship traffic is aggregated from August 2011 through mid-August 2012 at 10 km resolution



**PacIOOS Regional Ocean Modeling System (ROMS):** High Resolution forecast of currents around the Islands of Samoa.

*For more information:  
info@pacioos.org*

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