PACIFIC CLIMATE INFORMATION SYSTEM

Data and Products Thu Mar 28 07:16:07 HST 2024

Name	Permanent Service for Mean Sea Level (PSMSL)
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
Regions	- Central North Pacific - Western North Pacific - South Pacific - Pacific Basin - Global
Data/Physical	- Data - Physical - In-situ Observations - Oceanic (e.g., Water Temperature, Salinity, Acidity, Sea Level, Wave Height)
Sectors	- Public Health and Safety - Transportation/Communication and Commerce - Community Planning and Development - Ecosystems
Description	Established in 1933, the PSMSL is the global data bank for long term sea level change information from tide gauges and bottom pressure recorders. It is based in Liverpool, U.K. at the National Oceanography Centre. The PSMSL data set is the main source of information on long term changes in global and regional sea level rise and variability during the last two centuries. The data have been employed intensively in studies such as those of Intergovernmental Panel on Climate Change.
Url	http://www.psmsl.org/
Lead Agencies	UK NOC, IOC
Contacts	PSMSL, psmsl@pol.ac.uk