PACIFIC CLIMATE INFORMATION SYSTEM

Data and Products Thu Mar 28 04:09:23 HST 2024

Name	Pacific Islands Global Climate Observing System (PI-GCOS)
Capability Area	- Understanding Climate Variability and Change - Understanding Climate Impacts and Informing Adaptation
Focus Area	- Fresh Water Resources and Drought - Coastal Inundation/Sea Level Rise, Extreme Weather, and Community Resilience - Marine and Terrestrial Ecosystems
Regions	- Western North Pacific - CNMI - FSM - Guam - Palau - RMI - South Pacific - American Samoa - Australia - Cook Islands - Fiji - French Polynesia - Kiribati - New Zealand - PNG - Samoa - Solomon Islands - Tonga - Tuvalu - Vanuatu - Other South Pacific
Data/Physical	- Data - Physical - In-situ Observations - Atmospheric (e.g., Air Temperature, Rainfall, Wind Speed and Direction) - Oceanic (e.g., Water Temperature, Salinity, Acidity, Sea Level, Wave Height) - Terrestrial (e.g., Groundwater, Soil Moisture)

Sectors	- Public Health and Safety - Fresh Water Resources - Energy - Transportation/Communication and Commerce - Community Planning and Development - Social and Cultural Resources - Agriculture and Fisheries - Recreation and Tourism - Ecosystems
Description	The Global Climate Observing System (GCOS) addresses the total climate system across a number of scientific disciplines including physical, chemical and biological properties, and atmospheric, oceanic, hydrologic, cryospheric and terrestrial processes. While it neither makes direct observations nor generates data products, its purpose is to stimulate, encourage, coordinate and otherwise facilitate the taking of the needed observations by national or international organizations in support of their own requirements as well as of common goals. It provides an operational framework for integrating, and enhancing as needed, the observational systems of participating countries and organizations into a comprehensive system focused on the requirements for climate issues. PI-GCOS is a sub-program of the GCOS aimed specifically at meeting the observing needs of Pacific Islands.
Url	http://pi-gcos.org/
Lead Agencies	Secretariat of the Pacific Regional Environment Programme (SPREP)