PACIFIC CLIMATE INFORMATION SYSTEM

Data and Products Thu Mar 28 01:31:24 HST 2024

Name	Asia-Pacific Data Research Center (APDRC)
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	- Central North Pacific - Western North Pacific - South Pacific - Pacific Basin
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 - Bleaching - Spatial Scale - Region/Nation - 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 - 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 - Fresh Water Resources - Energy - Transportation/Communication and Commerce - Community Planning and Development - Agriculture and Fisheries - Recreation and Tourism - Ecosystems
Description	The APRDC of the International Pacific Research Center (IPRC) is building towards a vision of one-stop shopping of climate data and products for our users. Our mission is to increase understanding of climate variability in the Asia-Pacific region by developing the computational, data management, and networking infrastructure necessary to make data resources readily accessible and usable to researchers and general users; and by undertaking data-intensive research activities that will both advance knowledge and lead to improvements in data preparation and data products. This site provides access to an extensive range of climate-related data and products in multiple formats.
Url	http://apdrc.soest.hawaii.edu/

Lead Agencies	University of Hawaii/SOEST, Japan Agency for Marine-Earth Science and Technology (JAMSTEC), NOAA, NASA
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