Data and Products Fri Mar 29 01:36:55 HST 2024

| Name | International Pacific Research Center (IPRC) |
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| Capability Area | - Understanding Climate Variability and Change<br>- Understanding Climate Impacts and Informing Adaptation |
| Focus Area | - Coastal Inundation/Sea Level Rise, Extreme Weather, and Community Resilience<br>- Marine and Terrestrial Ecosystems |
| Regions | - Central North Pacific<br>- Western North Pacific<br>- South Pacific<br>- Pacific Basin |
| Data/Physical | - Data - Physical<br>- In-situ Observations<br>- Satellite-Remote Observations<br>- Model Results<br>- Reanalysis Products<br>- Atmospheric (e.g., Air Temperature, Rainfall, Wind Speed and Direction)<br>- Oceanic (e.g., Water Temperature, Salinity, Acidity, Sea Level, Wave Height) |

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| Products/Physical | - Products - Physical<br>- Hindcasts (climatologies)<br>- Outloooks (monthly to annual)<br>- Impacts<br>- Drought<br>- Flooding/Inundation<br>- Bleaching<br>- Spatial Scale<br>- Region/Nation<br>- Time Scale<br>- Past<br>- Current<br>- Future<br>- Methodology<br>- Obs/In-situ<br>- Obs/Remote<br>- Model/Statistical<br>- Model/Dynamical<br>- Projections (intrannual to multi-decadal)<br>- Applications, including Visualization and Decision Support Tools<br>- Atmospheric (e.g., Air Temperature, Rainfall, Wind Speed and Direction)<br>- Oceanic (e.g., Water Temperature, Salinity, Acidity, Sea Level, Wave Height) |
| Sectors | - Public Health and Safety<br>- Transportation/Communication and Commerce<br>- Community Planning and Development<br>- Agriculture and Fisheries<br>- Recreation and Tourism<br>- Ecosystems |
| Description | The IPRC is an international climate research center, with a focus on the Asia-Pacific region. The IPRC seeks to understand the climate system and how it may respond to human activity by conducting experiments with computer simulation models and by analyzing the many direct and remote observations related to climate. IPRC is a provider of down-scaled climate model data. IPRC also maintains a data center (Asia-Pacific Data Research Center) making atmospheric and oceanic data of relevance to the Asia-Pacific region readily available to its own researchers, the broader climate research community, policy makers and the general public. |
| Url | http://iprc.soest.hawaii.edu/ |
| Lead Agencies | University of Hawaii/SOEST, Japan Agency for Marine-Earth Science and Technology (JAMSTEC), NOAA, NASA |

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| Contacts | IPRC, iprc-help@lists.hawaii.edu |