Data and Products Thu Mar 28 04:37:44 HST 2024

| Name | Providing Regional Climates for Impacts Studies (PRECIS) |
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| Capability Area | - Understanding Climate Variability and Change<br>- Understanding Climate Impacts and Informing Adaptation |
| Focus Area | - Fresh Water Resources and Drought<br>- 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<br>- Global |
| Data/Physical | - Data - Physical<br>- Model Results<br>- Atmospheric (e.g., Air Temperature, Rainfall, Wind Speed and Direction)<br>- Oceanic (e.g., Water Temperature, Salinity, Acidity, Sea Level, Wave Height) |
| Products/Physical | - Products - Physical<br>- Projections (intrannual to multi-decadal)<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>- Fresh Water Resources<br>- Community Planning and Development<br>- Agriculture and Fisheries<br>- Ecosystems |

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| Description | PRECIS is based on the UK Met Office Hadley Centre regional climate modeling system. It has been ported to run on a PC (under Linux) with a simple user interface. PRECIS was developed in order to help generate high-resolution climate change information for as many regions of the world as possible. The intention is to make PRECIS freely available to groups of developing countries in order that they may develop climate change scenarios at national centers of excellence, simultaneously building capacity and drawing on local climatological expertise. These scenarios can be used in impact, vulnerability and adaptation studies. |
| Url | http://www.metoffice.gov.uk/precis/ |
| Lead Agencies | UK Met Office |
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