

Data and Products Fri Apr 19 03:31:39 HST 2024

<b>Name</b>	Pacific Climate Change Science Program and Pacific-Australia Climate Change Science and Adaptation Planning Program (PCCSP)
<b>Capability Area</b>	<ul style="list-style-type: none"> <li>- Understanding Climate Variability and Change</li> <li>- Understanding Climate Impacts and Informing Adaptation</li> </ul>
<b>Focus Area</b>	<ul style="list-style-type: none"> <li>- Fresh Water Resources and Drought</li> <li>- Coastal Inundation/Sea Level Rise, Extreme Weather, and Community Resilience</li> <li>- Marine and Terrestrial Ecosystems</li> </ul>
<b>Regions</b>	<ul style="list-style-type: none"> <li>- Western North Pacific</li> <li>- FSM</li> <li>- Palau</li> <li>- RMI</li> <li>- South Pacific</li> <li>- Australia</li> <li>- Cook Islands</li> <li>- Fiji</li> <li>- Kiribati</li> <li>- PNG</li> <li>- Samoa</li> <li>- Solomon Islands</li> <li>- Tonga</li> <li>- Tuvalu</li> <li>- Vanuatu</li> <li>- Other South Pacific</li> </ul>
<b>Data/Physical</b>	<ul style="list-style-type: none"> <li>- Data - Physical</li> <li>- In-situ Observations</li> <li>- Satellite-Remote Observations</li> <li>- Model Results</li> <li>- Atmospheric (e.g., Air Temperature, Rainfall, Wind Speed and Direction)</li> <li>- Oceanic (e.g., Water Temperature, Salinity, Acidity, Sea Level, Wave Height)</li> <li>- Terrestrial (e.g., Groundwater, Soil Moisture)</li> </ul>

Products/Physical	<ul style="list-style-type: none"> <li>- Products - Physical</li> <li>- Hindcasts (climatologies)</li> <li>- Outlooks (monthly to annual)</li> <li>- Impacts</li> <li>- Drought</li> <li>- Flooding/Inundation</li> <li>- Erosion</li> <li>- Bleaching</li> <li>- Spatial Scale</li> <li>- Region/Nation</li> <li>- Location/Site</li> <li>- Time Scale</li> <li>- Past</li> <li>- Current</li> <li>- Future</li> <li>- Methodology</li> <li>- Obs/In-situ</li> <li>- Obs/Remote</li> <li>- Model/Statistical</li> <li>- Model/Dynamical</li> <li>- Projections (intrannual to multi-decadal)</li> <li>- Guidance, including "Best Practices" Manuals, Toolkits, and Guides</li> <li>- Applications, including Visualization and Decision Support Tools</li> <li>- Atmospheric (e.g., Air Temperature, Rainfall, Wind Speed and Direction)</li> <li>- Oceanic (e.g., Water Temperature, Salinity, Acidity, Sea Level, Wave Height)</li> <li>- Terrestrial (e.g., Groundwater, Soil Moisture)</li> </ul>
Sectors	<ul style="list-style-type: none"> <li>- Fresh Water Resources</li> <li>- Energy</li> <li>- Transportation/Communication and Commerce</li> <li>- Community Planning and Development</li> <li>- Agriculture and Fisheries</li> <li>- Recreation and Tourism</li> <li>- Ecosystems</li> </ul>

Description	The PCCSP and the PACCSAP science activities aim to improve the scientific understanding of past and future climate in the region to effectively inform adaptation. The research covers - past climate change and seasonal predictions, climate variability and large-scale climate features, climate projections and oceans. The research is complemented with a comprehensive capacity building program and science communication products and activities.
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