



SEVENTH MEETING OF THE PACIFIC METEOROLOGICAL COUNCIL (PMC-7)

Enhancing Climate Information and Knowledge Services for resilience in 5 island countries of the Pacific Ocean

UNEP CIS-Pac5 Presentation



GREEN CLIMATE FUND

"AT THE FRONTLINE OF WEATHER, CLIMATE, WATER, AND OCEAN ACTION IN THE PACIFIC"



Recommendations

The Meeting is invited to:

- **Acknowledge** the achievements and leadership of the five countries in the delivery and implementation of climate information services.
- **Note** the Mid Term Evaluation Recommendations to inform existing and new programmes and seek collective engagement in the stock take exercise for the 5 countries.
- **Request** strengthened collaboration and information sharing between UNEP CIS-Pac5, Weather Ready Pacific and all other programmes for accessibility, streamlining and sustainability of tools, systems, training, equipment and maintenance.
- **Request** Regional Technical Partners to engage closely with the countries on activities and priorities for implementation to address needs and strengthen the 5 NMHS.



Purpose of the Paper

- To report on activities and achievements of the UNEP CIS-Pac5 since PMC-6.
- Highlight recommendations from the Mid Term Evaluation for incorporation into other pipeline programmes and initiatives.
- Highlight the need for strengthened streamlining and coordination of Climate Information Services programmes and projects for sustainability.



Background

UNEP led-GCF funded USD49.9 million initiative to establish integrated climate and ocean information services and multi-hazard early warning systems in Cook Islands, Niue, Palau, RMI and Tuvalu

Result 1: Strengthened delivery model for climate information services and MHEWS covering oceans and islands

Result 2: Strengthened observations, monitoring, modelling and prediction of climate and its impacts on ocean areas and islands

Result 3: Improved community preparedness, response capabilities and resilience to climate risks

Result 4: Enhanced regional knowledge management and cooperation for climate services and MHEWS



Result One Achievements Since PMC 6

- Completed National Framework for Weather, Climate and Ocean Services (NFWCOS) for Niue and Tuvalu.
- Completed National Strategic Plan for Weather, Water, and Climate Services (NSPWWCS) Implementation Plans for Palau and RMI
- Climate Sector Action and Communication Plans drafted for Tuvalu (DRR, Health, Water, Agriculture) and Palau (Agriculture, DRR, Fisheries, Health, Water).
- RMI Meteorological Act in draft and awaiting Office of the Attorney General.
- Climate Services Market Assessment consultations completed with Market Assessment Report and Roadmap for National Financing Policy to be completed in Quarter 4 2024.
- Annual NCOFs implemented by Cook Islands, Palau, RMI and Tuvalu
- Niue completed annual briefing with its Ministers on climate outlook, role of the Niue Met Services and tools developed/ installed.





Sector Based Climate Services

Climate Data Management / Collection

Basic Climate, Oceans, ACCESS-S Attachment

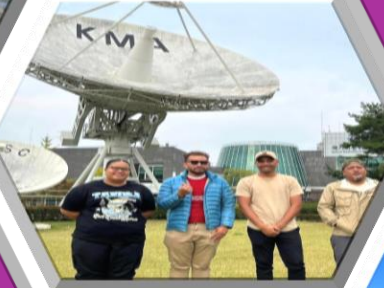
EAR Watch



AWS Technician Training



Oceans Officer Attachment



Young Scientist Support Program



PICASO



APEC Climate Center Young Scientist Support Program
UNEP CIS-Pac5 Project: Enhancing Climate Information and Knowledge Services for Resilience in 5 Island Countries of the Pacific Ocean



CBEWS

Oceans Monitoring Training



BIP-MT



Result 3 Achievements since PMC 6

- Gender Study finalized and Gender Action Plan revised inclusive of indicators, baselines and targets.
- Development of early warning mobile application on track for the 5 countries. Available for testing in early 2025. Palau & Niue will include additional features and customization components.
- Completed procurement of unmanned aerial vehicle for Emergency Management Cook Islands for Disaster Risk Management data collection.





Result 3 Achievements since PMC 6

- **Palau Red Cross Society (PRCS)** with the [People's Empowerment Project \(PEP\)](#) completed for all 16 states focusing on training the Red Cross Disaster Action Teams (R-DAT) on their roles as community-based volunteers in preparation and response to emergencies and disasters.
- **Palau National Emergency Management Office (NEMO)** engaged with 6 states to update State Emergency Plans and supported the Mass Operations Rescue and Contingency Plan training.
- **Kumiti Au Vaine** (Cook Islands) completed workshops in [Mangaia](#) and [Penrhyn](#) to improve community awareness, response capabilities, technology and resilience to climate risks and primarily designed for women, youth and community.
- **Climate Change Cook Islands (CCCI)** conducted Te Reva Aorangi Kupu (TRAK) workshops in 4 outer islands (Mangaia, Pukapuka, Rakahanga and Manihiki). Documenting island-specific language and terminology related to weather and climate.
- **Marshall Islands Red Cross (MIRCS)** conducted a [First Aid and Health Training of Trainers \(ToT\)](#) in partnership with the Palau Red Cross. The focus was to enhance capacity of MIRCS personnel in delivering effective first aid and health training within their communities as the Emergency Response Teams (ERTs).
- **Marshall Islands Conservation Society (MICS)** conducted an inception workshop on the community based coral health chart kits that will be procured for rural communities. The kits will be used to identify signs, record and report on the early onset of coral reef bleaching.
- **Niue Met Services** engaged with national partners [Ekalesia Niue, Girls/Boys Brigade, Niue Primary School, National Council of Women] on training and advocacy on traditional knowledge (yams/ pia) and awareness on climate and weather.
- **Tuvalu Met Services** conducted outreach programmes in 2 outer islands [Nanumaga/Nanumea] on climate hazards and weather climate glossary.
- **RMI WSO** conducted TK data collection workshops on data protocols and engaged with high school students at the RMI Climate Change Week (May 2024)





Result Four

- National environment data portal has been strengthened and currently sharing information with the regional data centre.
- Virtual knowledge sharing sessions conducted on weather radar and QMS with the five countries in partnership with New Zealand Met Services and Fiji Met Services.
- Annual Performance Report (APR) and M&E Writeshop conducted for the countries to strengthen programme reporting and discuss the indicators/baselines and targets in the logical framework, Gender Action Plan and Environmental Social Safeguards.
- Two regional knowledge sharing and training conducted to support the countries (i) Common Alert Protocol (CAP) Implementation Workshop for Pacific. It was conducted in partnership with WMO, SPREP and NOAA to equip the Meteorological staff with the CAP as a platform for disseminating alerts and warnings to the public in line with already existing initiatives and activities. (ii) [Joint Regional training on PICASO and Strengthening Climate Action, “From Prediction to Early Action”](#), in partnership with APCC and Climate Centre. The partnership focused on linkages of forecasting models to AA and early warning systems. In addition, understanding the UNEP CIS-Pac5 workplan and budget where they can be implemented for each country.



Mid Term Evaluation

- Overall rating of **Satisfactory**
- Approved by Green Climate Fund (GCF) in June 2024
- 14 recommendations from the MTE with the main ones on:
 - Activity stocktake, Implementation Roadmap and expenditure forecast exercise : **To be completed Q2 2025**
 - Coordinate technical knowledge sharing sessions for the countries and technical partners: **Ongoing**
 - Organise country specific meetings with the Regional Technical Partners: **To be completed 2024**
 - Finalise gender reports and gender action plan: **To be completed Q4 2024**
 - Coordinate quarterly meetings with NMHS Directors: **Ongoing**
 - Radar to be installed and maintained in close collaboration with other activities: **Ongoing**
 - Develop country level sustainability plans – **To be completed 2025**



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Fakaaue



Sulang

Meitaki Maata

Fakafetai lasi

Komol

