



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

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

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

"At the Frontline of Weather, Climate, Water, and Ocean Action in the Pacific"

17-19 September 2024, Warwick Le Lagon-Vanuatu Resort, Port Vila, Vanuatu

Agenda Item 13.1 Progress and Update of the Pacific Islands Education, Training and Research (PIETR) Panel

Purpose:

To inform the Pacific Meteorological Council (PMC) of the progress of the Education, Training and Research (PIETR) Panel for implementation of the Pacific Islands Meteorological Services Strategy 2017-2026 Pacific - Key Outcome 9.

Background:

1. The Pacific Island Education, Training, and Research Panel (PIETR Panel) was established by the Third Meeting of the Pacific Meteorological Council (PMC-3) to serve in the capacity of an advisory committee to the Pacific Meteorological Council (PMC) on education, training, research and human capacity development in relation to meteorology, climatology, hydrology, and oceanography, and delivery of weather, climate, water, marine and ocean services in the Pacific region.
2. As per the Terms of Reference (ToR), the purpose of PIETR Panel is to prepare technical advice and recommendations for PMC consideration related to education, training, research and human capacity development requirements in meteorology, climatology, hydrology, and oceanography. The focus is in particular on those requirements that will enable the Pacific Island Countries to benefit from improvements in the development and delivery of weather, climate, water, tsunami, marine and oceans information and services including alerts and warnings in the Pacific region.
3. The panel works collaboratively with relevant partners on the development and implementation of new programmes and initiatives to enhance education, training and research to better highlight progress to date.
4. Reference to WMO competency-based training guidelines to assist governments to derive structures to pave services and competent officers.
5. The PIETR Panel and members have progressed various actions to enhance Education, Training and Research in the Pacific. These include:



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

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

- Identifying regional initiatives and projects currently in progress that will enhance the Education, Training and Research in the Pacific.
- Regional projects and programmes.

Pacific Climate Change Centre (PCCC)

Hosted the Pacific Oceans Pacific Climate Change Conference (POPCCC) with more than 300 participants and 105 abstracts. Launched the Pacific Climate Change Portal (PCCP) during the Pacific Climate Change Roundtable with more than 2,250 + climate change resources. Climate Change sectoral training with more than 1000 participants. Host of e learning module with series of trainings for children's series, webinars, executive courses and open learning.

Enhancing Climate information and knowledge services for resilience in 5 island countries of the Pacific Ocean (UNEP-CIS-PAC5)

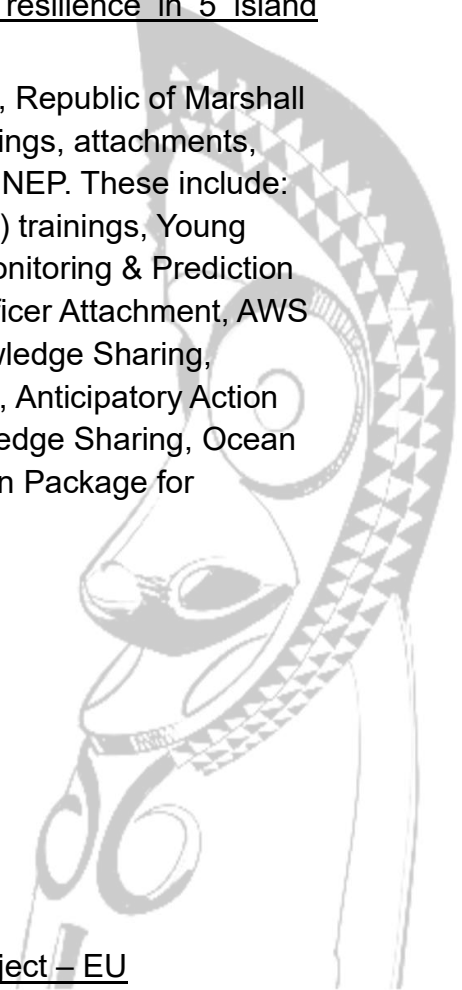
The programme supported the 5 countries, Cook Islands, Niue, Republic of Marshall Islands, Palau & Tuvalu through the provision of technical trainings, attachments, workshops delivered by the Regional Technical Partners and UNEP. These include: Pacific Island Countries Advanced Seasonal Outlook (PICASO) trainings, Young Scientist Support Programme (YSSP), Climate and Oceans Monitoring & Prediction (ACCESS-S), Early Action Rainfall Watch Training, Oceans Officer Attachment, AWS Technical Training, Quality Management Systems (QMS) Knowledge Sharing, Climate Data Training, Sector based Climate Services Training, Anticipatory Action Workshop, Weather Radar Knowledge Sharing, El Nino Knowledge Sharing, Ocean Science and Coastal Hazard Assessment, and Basic Instruction Package for Meteorological Technicians (BIP-MT).

WMO - Climate Risks Early warning phase 2 (CREWS2.0)

- NMHHS Media & Communications Mana Class, 2024
- NMHSS Women in leadership training, 2024
- Common Alert Protocol Workshop, 2023
- Impact-Based Forecasting Workshop, Solomons, 2023
- E-Learning Platform for ICT, 2024
- Tropical Cyclone Forecasters Training, 2023

Pacific Climate Services and Related Application (ClimSA) Project – EU

ClimSA ventured into several capacity-building initiatives. There were three targeted capacity-building activities:





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

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

1. ACCESS-S Training - ClimSA partnered with the COSPPac project to support the delivery of this training. It was attended by representatives from 14 Pacific Island countries, including National Meteorological Services, Agriculture, and Fisheries sectors. By the end of the training, participants developed agriculture and fisheries products using ACCESS-S information. Each country was able to generate two specific products, allowing the sectors present to provide feedback on the generated outputs.

2. Kobo Toolbox & Canva - ClimSA partnered with the Australia Pacific Climate Alumni Network to deliver a 2-day technical workshop on the use of Kobo Toolbox and Canva to staff of the Samoa Meteorology Services and Samoa Water Resources Division.

3. How to Read Tide Predictions and Produce Early Warnings for Social Media - On World Meteorological Day (23 March, 2024), ClimSA partnered with the Tungaru Youth Action Network to conduct a one-day training on how to interpret a tide predictions calendar and use online software to create early warning graphics on mobile devices. Participants were trained on how to use social media to share the early warning alerts to their social networks to encourage their family and friends to take early action.

Weather and Climate Services (WISER) Asia Pacific Programme – UKMO

Support via the UK contribution to the WMO Voluntary Cooperation Programme (VCP) funded by UK Government via Met Office Public Weather Service including:

- Support for MSc. fellowships at Reading University in cooperation with WMO. The 2023/24 intake has included a fellow from Fiji Met. Service
- Support for media communications. In 2024 working with Tonga Met Service to install a media studio and provide training on weather graphics/presentation
- Support through additional activities including e.g. annual online management training

WISER Asia Pacific Programme funded by UK Government/Foreign, Commonwealth and Development Office (FCDO), under the broader Climate Action for a Resilient Asia (CARA) initiative

Over 2023-24 WISER Asia Pacific in partnership with SPREP has been supporting the following activities:



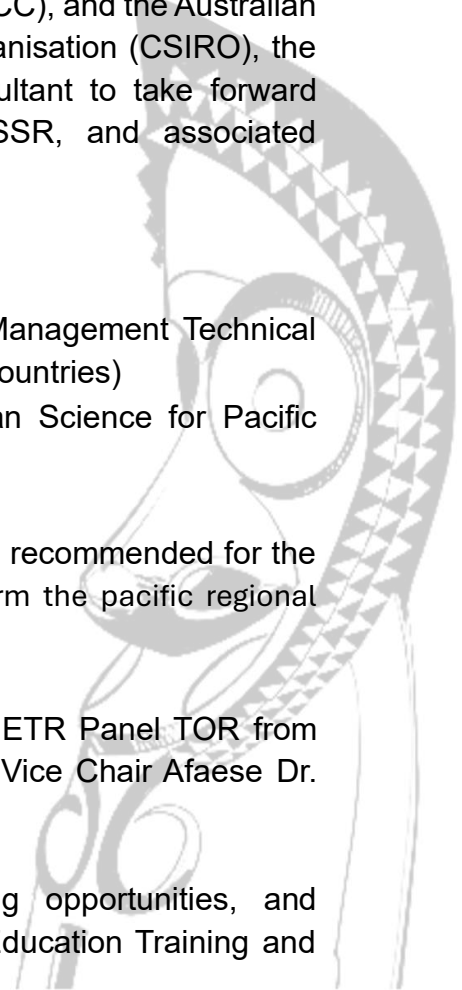
SEVENTH MEETING OF THE PACIFIC METEOROLOGICAL COUNCIL (PMC-7)

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

- Support to the review and update of the Pacific Islands Meteorological Strategy (PIMS): WISER AP grant funding will contribute (with funding from the existing EU funded ClimSA project) to an updated strategy, including incorporation of a stronger focus on GEDSI. The grant included supporting a workshop in May 2024.
- Support to Pacific Met Directors meeting in Fiji, April 2024, discussing how EW4All can complement and supplement WRP.
- Preparation of a plan for the development of an 'integrated forecast platform' for the Pacific Region: WISER-AP grant funding was used to support an expert meeting in June 2024 towards developing an agreed scoping document for the integrated platform.
- Pacific Climate Change Science to Services Roadmap (PCCSSR): In partnership with the Pacific Climate Change Centre (PCCC), and the Australian Commonwealth Scientific and Industrial Research Organisation (CSIRO), the WISER AP grant funding is supporting, project consultant to take forward stakeholder consultation and revision of the PCCSSR, and associated implementation plan.

NIWA

- NIWA- Specialised AWS, Instrumentation, and Data Management Technical Training (CIS-PAC5, COSPPac3, and by request from countries)
 - NIWA and SPC- Floating University: Shipboard Ocean Science for Pacific Islanders pilot in 2024
6. The PIETR panel discussed the capacity training gaps and recommended for the way forward a regional training needs assessment to inform the Pacific regional capacity development plan.
 7. The PIETR Panel members reviewed and updated the PIETR Panel TOR from PMC 6 and elected the Chair Mr. Raymond Tanabe and Vice Chair Afaese Dr. Luteru Tauvale.
 8. The PIETR Panel established connections, networking opportunities, and increased engagement of Panel members with relevant Education Training and Research forums.





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

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

Objectives:

1. Inform members of the progress and update of the PIETR Panel and acknowledge the contribution of partners in the implementation of PIETR related activities.
2. Inform the Council of regional priorities to enhance Education, Training and Research at the national and regional level.
3. Note the revised PIETR Panel Terms of Reference and progress.
4. Encourage members to assist with the coordination and implementation of weather, climate, climate change, hydrological and oceans related to education, training, and research to better highlight progress to date
5. Encourage donors and partners to invest in new and existing initiatives

Recommendations:

The Meeting is invited to:

Note the progress made by the PIETR Panel in the implementation of the Pacific Islands Meteorological Services Strategy 2017-2026 - Key Outcome 9 and its reviewed and updated Terms of Reference (TOR).

Acknowledge the contribution of partners in the implementation of PIETR related activities.

Encourage members to assist with the coordination and implementation of weather, climate, climate change, hydrological and oceans related to education, training and research to better highlight progress to date.

Recommend a regional training needs assessment to inform the Pacific regional capacity development plan

Encourage donors and partners to support for new and existing initiatives.

