



2ND MEETING OF THE PACIFIC METEOROLOGICAL COUNCIL
THIRD JOINT MEETING OF NATIONAL METEOROLOGICAL SERVICES AND
NATIONAL DISASTER MANAGEMENT OFFICES
PACIFIC METEOROLOGICAL COUNCIL'S DONORS AND PARTNERS
ROUNDTABLE

*"STRENGTHENING THE RESILIENCE AND SECURITY OF PACIFIC COMMUNITIES THROUGH AN
INTEGRATED APPROACH TO WEATHER, CLIMATE AND WATER RISKS"*

PROGRAMME

Novotel Hotel, Nadi, Fiji Islands

01-05 July 2013



ABOUT PACIFIC METEOROLOGICAL COUNCIL

The Pacific Meteorological Council (PMC) is a specialized subsidiary body of the Secretariat of the Pacific Regional Environment Programme, established at the Fourteenth Regional Meteorological Services Directors meeting in Majuro, Republic of Marshall Island, July 2011 to facilitate and coordinate the scientific and technical programme and activities of the Regional Meteorological Services. The Pacific Meteorological Council replaces the Regional Meteorological Services Directors body and provides policy relevant advice to the Secretariat of the Pacific Regional Environment Programme Meeting on the needs and priorities of its member countries and territories in relation to meteorology (weather and climate) and related fields.

The Pacific Meteorological Council meets on a bi-annual basis. This will be the Second Meeting of the Pacific Meteorological Council.

CHAIRMAN OF THE PACIFIC METEOROLOGICAL COUNCIL (2011-2013)



Mr. Reginald White
Director, National
Weather Service Office,
Republic of Marshall
Islands

Twenty (20) years ago in 1993, the Regional Meteorological Services Directors first met in Port Vila, Vanuatu to discuss how the National Meteorological Services can best be supported in order to effectively contribute to strengthening the resilience and security of the Pacific Communities, the very theme the 2nd Meeting of the PMC is based upon. The creation of the Pacific Meteorological Council was front and centre in these initial deliberations. Eighteen (18) years later in 2011, the 1st Meeting of the Pacific Meteorological Council was convened in Majuro, Republic of Marshall Islands and endorsed the Pacific Islands Meteorological Strategy (PIMS) 2012-2021 and the Pacific Meteorological Desk Partnership (PMDP), hosted and based within the Secretariat of the Pacific Regional Environment Programme (SPREP).

It is my hope that the momentum and partnership forged over the past two decades of meetings and collaborations culminating in the momentous achievements of the three key milestone in 2011; one, the establishment of the PMC; two, the endorsement of the PIMS; and three, the establishment of the Pacific Meteorological Desk Partnership; have provided renewed energy and desire to continue the strengthening of the National Meteorological Services in the Pacific Region.

While the PMC is our vessel of choice and the Pacific Desk a very capable Chief Mate for the journey ahead, the PIMS 2012-2021 should be our navigational chart towards future development of the Meteorological Services in the Pacific Region.

I thank SPREP for providing the support necessary to achieve these three key milestones. I thank the developed National Meteorological Services in the Region (Australia BOM, US NOAA NWS, MetService New Zealand, Meteo-France, and UK Met Office), the World Meteorological Organization, and our donor partners for their tireless and consistent support to the National Meteorological Services. The Support you've provided over the past years must be maintained and increased into the future to enable the implementation of the Pacific Islands Meteorological Strategy 2012-2021 in the Pacific Region.

To my fellow Meteorological Services' Directors and those individuals who have provided tremendous supports to the National Meteorological Services (NMS), I thank you all for the trust and support so kindly bestowed upon me as the Chair of PMC from 2011 to 2013.

Komol tata.

DIRECTOR GENERAL - SECRETARIAT OF THE PACIFIC REGIONAL ENVIRONMENT PROGRAMME (SPREP)



Director General
Director General, SPREP

The Pacific Meteorological Desk Partnership is an integral component of the Secretariat of the Pacific Regional Environment Programme and resides with the Climate Change Division. The Pacific Meteorological Desk Partnership provides secretariat support to the Chairman of the Pacific Meteorological Council, the Pacific Meteorological Council and its members. The 2nd Meeting of the Pacific Meteorological Council sets the foundation for the 'new perspective and look' of the Pacific Meteorological Services Directors after meeting for fourteenth sessions under the banner of the Regional Meteorological Services Directors. The Secretariat of the Pacific Regional Environment Programme is grateful to its members, donors, development partners, collaborating organizations and institutions for their continuous support to bring development to the National Meteorological Services in the Pacific region.

I would like to take this opportunity to thank the Pacific Meteorological Desk Partnership partners, the Australian Government - PACCSAP, Australian Bureau of Meteorology, Finnish Meteorological Institute, Meteo-France, MetService New Zealand, UK Met Office and, US NOAA National Weather Service for their continuous support and advice

I would also like to express my appreciation to the Steering Committee for the valuable advice and guidance on the preparation of the 2nd Meeting of Pacific Meteorological Council and the donors roundtable programme and agenda.

Our big thank you to all attending and participating in these meetings. I hope you will enjoy the meetings.



THEME OF THE 2ND MEETING OF PACIFIC METEOROLOGICAL COUNCIL

"Strengthening the Resilience and Security of Pacific Communities with an Integrated Approach to Weather, Climate, and Water Risks": **Strengthening the resilience of communities** is a crucial and vital step for saving and shaping lives and livelihoods for the Pacific Islands Countries and Territories with the threat of natural disasters. The most important capacities for addressing risks associated with weather, climate and water related hazards are found within the communities therefore the National Meteorological Services play a fundamental role in building resilience of the communities through monitoring, providing warnings and especially collaborating with key partners to disseminate information to communities both during events and to prepare for impending hazards related to weather, water, and climate risks.

Promoting ***an integrated and coordinated approach to observing and forecasting natural disasters*** is fundamental to strengthening resilience at the national and community level. Because the socio-economic costs and frequency of weather, climate and water related disasters mean that the Pacific Island Countries and Territories have a compelling interest to understand weather and climate to help communities prepare and protect themselves. The National Meteorological Services try to engage interdisciplinary teams made up of tropical cyclone warning system partners (forecasters, disaster managers, social scientists, and representatives from other user communities) to establish multiple levels of services that can communicate weather, climate and water information to be used by local communities with right context and in appropriate vernacular to help them to respond in a timely and appropriate way to real time natural disasters.

We anticipate the theme of the 2nd Meeting of the Pacific Meteorological Council will serve as a catalyst for focusing the attention of governments, development partners, Council of the Regional Organizations in the Pacific, collaborating organizations and institutions and the communities on the importance of the National Meteorological Services work in weather, climate and water service provisions.

SPECIFIC OBJECTIVES OF THE 2ND MEETING OF THE PACIFIC METEOROLOGICAL COUNCIL

- Facilitate coordination and net-working among Pacific Meteorological Council's members¹, development partners, Council of Regional Organizations in the Pacific, collaborating organizations and institutions relating to meteorological services in support of national development agendas.
- Facilitate discussions by the Pacific Meteorological Council members on issues related to the advancement of meteorological services in the Pacific which will contribute to the strengthening of community resilience; and
- Provide an opportunity to share experiences/initiatives and to monitor the implementation of the Pacific Islands Meteorological Strategy 2012-2021, and its linkages to the Pacific Climate Change Roundtable, the Pacific Platform for Disaster Risk Management and the development of the 2016-2026 Integrated Regional Strategy for Disaster Risk Management and Climate Change Adaptation & Mitigation.

EXPECTED OUTCOMES OF 2ND MEETING OF THE PACIFIC METEOROLOGICAL COUNCIL

- Guidance from the Pacific Meteorological Council's members on actions required for short term objectives to achieve goals of the Council, the Pacific Meteorological Desk Partnership and the Pacific islands Meteorological Strategy 2012-2021;
- Strengthened interaction and coordination between weather and climate services, disaster risk management and climate change programs and activities for the Pacific;
- Guidance and key messages from the Pacific Meteorological Council's members to be included in the 2016-2026 Integrated Regional Strategy to enhance disaster risk management and climate change adaptation & mitigation strategies for the Pacific; and
- Strengthened integration and coordination with development partners, Council of Regional Organizations in the Pacific, collaborating organizations and institutions.

¹ PMC members – Directors/Heads of Meteorological Services of SPREP's members



MONDAY, 1 JULY 2013

- 07:30-09:00 Registration at Novotel Hotel
- 09:00-10:00 **Agenda Item 1: Opening Ceremony (MC - Netatua Pelesikoti)**
1.1: Opening Prayer
1.2: Welcome Address - *Mr. Reginald White, Current Chair of the Pacific Meteorological Council*
1.3: Statement- *Mr. Kosi Latu, Deputy Director-General, SPREP*
1.4: Opening and Key Note Address - *Government of Fiji*
- Group Photo*
- 10:00-10:15 *Refreshment*
- 10:15-10:50 **Agenda Item 2: Working Arrangements for the 2nd Meeting of the Pacific Meteorological Council (PMC-2)**
2.1: Interim Rules of Procedures (**Chair of PMC-1 and Secretariat**)
2.2: Election of Chair and Vice-Chair (**PMC-1 Chair**)
2.3: Adoption of Agenda and Working Arrangements (**Chair**)
2.4: Establishment of a Drafting Committee (**Chair**)
- 10:50-11:10 **Agenda Item 3: WMO Policies on Weather, Climate and Water - From Global to Regional Context (WMO)**
- 11:10-11:30 **Agenda Item 4: Report on Actions Taken on Matters Arising from the 1st Meeting of the Pacific Meteorological Council (PMC-1) (Netatua Pelesikoti, SPREP)**
- 11:30-12:30 **Agenda Item 5: Countries' Reports**
5.1: American Samoa (**Akapo K. Akapo, Meteorologist in Charge, American Samoa Weather Service Office**)
5.2: Cook Islands (**Arona Ngari, Director, Cook Islands Meteorological Service**)
5.3: Federated States of Micronesia (**Johannes Berdon, Officer in Charge, Chuuk-FSM NWS**)
- 12:30-13:30 **Lunch (SIDE EVENT: Integrating scientific and experiential knowledge & community preferences in making informed choices: PACC Cook Islands)**
- 13:30-15:30 **Agenda Item 5 (Continued)**
5.4: Fiji
5.5: French Polynesia (**Gerrard Therry, Regional Director, Meteo-France French Polynesia**)
5.6: Kiribati (**Ueneta Toorua, Climate Officer, Kiribati Meteorological Service**)
5.7: Republic of the Marshall Islands (**Reginald White, Director, Marshal Islands National Weather Service Office**)
5.8: New Caledonia & Wallis and Futuna (**Phillippe Frayssinet, Director, Meteo-France New Caledonia & Wallis and Futuna**)
- 15:30-15:50 *Refreshment*
- 15:50-17:50 **Agenda Item 5 (Continued)**
5.9: Niue (**Sionetasi Pulehetoa, Director, Niue Meteorological Service**)
5.10: Palau (**Maria Ngemaes, Meteorologist in Charge, Palau National Weather Service**)
5.11: Papua New Guinea (**Samuel Maiha, Director, PNG National Weather Service**)
5.12: Samoa (**Mulipola Ausetalia Titimaea, Assistant CEA, Samoa Meteorological Service Division**)
5.13: Solomon Islands (**David Hiba Hiriasia, Director, Solomon Island Meteorological Service**)
- 19:00-21:00 **Cocktail – Hosted by SPREP**

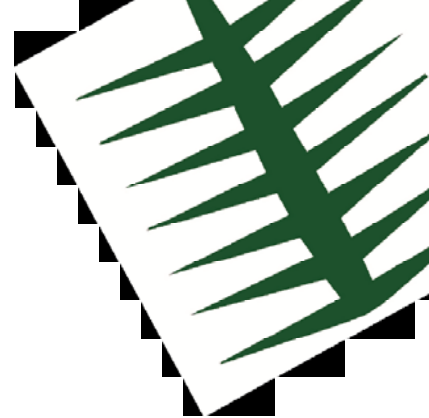


TUESDAY, 2 JULY 2013



- 08:30-10:30 **Agenda Item 5(Continued)**
5.14: Tokelau (Kelemeni Navucu, Manager, Tokelau Environment Manager)
5.15: Tonga (Ofa Fa'anunu, Director, Tonga Meteorological Service)
5.16: Tuvalu (Hilia Vavae, Chief Meteorological Officer, Tuvalu Meteorological Service)
5.17: Vanuatu (David Gibson, Acting Director, Vanuatu Meteorological and Geo-hazard Department)
- 10:30-10:50 *Refreshment*
- 10:50-12:30 **Agenda Item 5 (Continued)**
5.18: Australia
5.19: New Zealand (Douglas Ramsay, Manager, Pacific Rim, NIWA and Penehuro Lefale, Pacific Manager, NZMet)
5.20: UK
5.21: USA
- 12:30-13:30 Lunch (SIDE EVENT: Pacific Climate Change Portal (Makalesi Gonelevu, SPREP))**
- 13:30-15:50 **Agenda Item 6: 3rd Joint Meeting of National Meteorological Services (NMSs) and National Disaster Management Offices (NDMOs)**
- 6.1: Introductory Remarks (PMC Chair)
- 6.2: Pacific Islands Meteorological Strategy (PIMS) 2012-2021, the Pacific Islands Framework Action for Climate Change (PIFACC) and the Regional DRR and DM Framework for Action – Interface with NMS and NDMOs (Netatua Pelesikoti, SPREP)
- 6.3: The 'Roadmap': Setting the Scene (Netatua Pelesikoti, SPREP and Litea Biukoto, SPC)
- 6.4: National initiatives: Key Implementation Challenges and Opportunities Pertaining to NMSs and NDMOs Arrangements;
- 6.4.1: Tsunami Warnings and Responses – Solomon Islands (David Hiba and Loti Yates, Solomons NMS and NDMO)
- 6.4.2: Tropical Cyclone Warnings and Responses – Samoa (Ausitalia Titimaea and Filomena Nelson, Samoa NMS and DMO)
- 6.4.3: Integrated Water Resources Management – Nadi Demonstration (Vinesh Prasad, IWRM)
- 6.4.4: Drought Warning System and Response – Republic of the Marshall Islands (Reginald White, Republic of Marshall Islands NMS)
- 15:50 - 16:10 *Refreshment (Working)*
- 16:10- 18:00 6.4.5: Severe weather systems other than tropical cyclones [and large waves not associated with tropical cyclones] Events and Products – Vanuatu (David Gibson, Vanuatu NMS)
- 6.5: Regional initiatives: key implementation challenges and issues and opportunities to enhance collaboration;
- 6.5.1: PTWC Enhanced Products for the PTWS (Rajendra Prasad, IOC/UNESCO)
- 6.5.2: WMO Regional Association V (South-West Pacific) Severe Weather Forecast and Disaster Risk Reduction Demonstration Project (SWFDDP) (James Lunny, NZMet Service)
- 6.5.3: South-South Cooperation–Disaster Risk Reduction (DRR) (Karen Bernard, UNDP)
- 6.6: Discussions and Closing Remarks
- 18:00 - 2100 SUNSETSIDE EVENT: ENSO Animation Project Launch - Ula Majewski/Salesa Kaniaha)**

COCKTAIL hosted by PACCSAP



WEDNESDAY, 3 JULY 2013

- 08:30-08:50 **Agenda Item 7: Hydrology (Neville Koop, SPREP)**
- 08:50-09:10 **Agenda Item 8: Ocean Issues**
8.1 Improving Pacific Islands' Participation in IOC-UNESCO (Philip Wiles, SPREP)
8.2 The status of the ENSO early warning system, TAO-TRITON (Philip Wiles, SPREP)
- 09:10-09:30 **Agenda Item 9: Education, Training and Research (Arona Ngari, Cook Islands Met Services)**
- 09:30-09:50 **Agenda Item 10: Summary of Progress in Implementing the Pacific Islands Meteorological Strategy (PIMS) 2012-2021 (Salesa Nihmei, SPREP)**
- 09:50-10:10 **Agenda Item 11: Monitoring and Evaluation Framework for the PIMS 2012-2021 (Mark Graham, SPREP)**
- 10:10-10:30 **Agenda Item 12: Programmes, Projects and Other Initiatives to Support NMSs Capacity**
12.1: The University of the South Pacific (USP) - Capacity Development Relating to Weather, Climate and Water (Elisabeth Holland, USP)
- 10:30-10:50 *Refreshment*
- 10:50-12:30 **Agenda Item 12 (Continued)**
12.2: The World Meteorological Organisation (WMO) - Regional Components of WMO Programmes and Regional Programme for Region V, Including Policies (Henry Taiki, WMO)
12.3: Climate and Oceans Support Programme in the Pacific (Janita Pahalad, COSPPac)
12.4: Pacific-Australia Climate Change Sciences and Adaptation Planning (Geoff Gooley, PACCSAP)
12.5: Finland-Pacific (FINPAC) Project (Jaakko Nuottokari, FMI)
12.6: Radio Internet (RANET) Communication (Edward Young, US NOAA)
- 12:30-13:30 Lunch (SIDE EVENT - FINPAC)**
- 13:30-13:50 **Agenda Item 12: (Continued)**
12.7: Pacific Islands Climate Information System (PACIS) (John Marra, US NOAA)
- 13:50-15:10 **Agenda Item 13: Emerging and Ongoing Priorities**
13.1: International Civil Aviation Organization (ICAO) Competency/Standards Including Forecasters and Training Requirements, Deficiencies in the MET Fields, Quality Management System (QMS) and Cost recovery for Aviation Weather Services (Ofa Fa'anunu, Tonga NMS)
13.2: Implementation of the Global Framework for Climate Services (GFCS) in the Pacific Islands region (John Marra, US NOAA)
13.3: Implementation of the Regional Plan for the WMO Information System (WIS) and Table Driven Code Format (TDCF) in Region V, especially in each Pacific Island NMS and the region (WMO)
13.4: Implementation of the Regional Plan of the WMO Integrated Observing System (WIGOS) for Region V, especially in each Pacific Island NMS and the region (WMO)
- 15:10-15:30 **Agenda Item 14: PMC Draft Statement to the Joint meeting on CC and DRM (Netatua Pelesikoti, SPREP)**
- 15:30-15:50 **Agenda Item 15: PMC/PMDP Work Plan and Budget for July 2013-July 2015 (Neville Koop, SPREP)**
- 15:50-16:10 *Refreshment*
- 16:10-16:35 **Agenda Item 16: PMC/Donors and Partners Roundtable (5th of July 2013) (Netatua Pelesikoti, SPREP)**
- 16:35-17:00 **Agenda Item 17: Rules of Procedures for Future Meetings of PMC (Clark Peteru, SPREP)**
- 19:00-21:00 **Dinner – hosted by FINPAC**

THURSDAY, 4 JULY 2013

- 08:30-17:00 (i) PMC Members and/or Representatives Participating in the Pacific Islands Climate Change Roundtable (PCCR), Westin Denarau. PMC to refer to PCCR programme.
- (ii) Transport details will be provided
- (iii) PMC Drafting Committee Meeting

FRIDAY, 5 JULY 2013

- 08:30-08:50 **Agenda Item 16:** (Continued if required)
- 08:50-09:10 **Agenda Item 17:** (Continued if required)
- 09:10-09:30 **Agenda Item 18:** Date and Venue of the Third Meeting of PMC
- 09:30-10:30 **Agenda Item 19:** Review and Adopt the Report of PMC-2
- 10:30-10:50 *Refreshment*
- 10:50-12:10 **Agenda Item 19:** (Continued)
- 12:10-12:30 **Agenda Item 20:** Closure of PMC-2
- 12:30-13:30 *Lunch*

FRIDAY 5, JULY 2013

PMC DONORS AND PARTNERS ROUNDTABLE MEETING

- 13:30-13:50 Opening and Introductory Remarks
- 13:50-14:10 Presentation from the World Meteorological Organization (WMO) programmes and activities in the PICT
- 14:10-14:40 PMC/SPREP presentation on PIMS, July 2013-July 2015 work programme and brief project concepts
- 14:40-15:00 *Refreshment*
- 15:00-16:30 Response from each donor present during the meeting
- Tuvalu's National Strategic Action Plan of CC and DRM: Presentations of Priorities
- 16:30-17:00 Closure of Meeting
- 19:00-21:00 **Join the PCCR Reception**