



PROVISIONAL AGENDA

FIRST PACIFIC ISLANDS CLIMATE OUTLOOK FORUM (PICOF-1)

Venue: ICT Building B, University of the South Pacific, Laucala Campus, Suva, Fiji

Date: 12-16 October 2015

Pre- Pacific Island Climate Outlook Forum (PICOF) Training

DAY 1: Monday, 12 October	Activity	Speakers and Presenters	Guidance/Comments
8.00 to 8.30 am	Arrival and registration at ICT ¹ Building B, USP, Laucala Campus		
Opening Ceremony: 8.30 to 10.00 am <u>MC</u> Mr. Ravind Kumar <u>Rapporteurs</u> Mr. Henry Taiki/Mr. SunnySeuseu Session 1	Opening of the Pre-PICOF and Overview (i) Welcome Remarks (USP) (ii) Opening Remarks a. SPREP ² b. WMO ³ Session 1: Overview of the PICOF⁴ and RCOF⁵ Concepts (iii) Overview of the PICOF	(i) Dr. Morgan Wairiu, USP (ii) Dr. Netatua Pelesikoti, SPREP c. Dr. Anahit Hovsepian, WMO. (iii) Dr. Andrew Tait, Chair of PICS Panel ⁷ .	(iii) Outline of the pre-PICOF and PICOF and its objectives

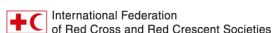
¹ICT: Information and Communication Technology

²SPREP: Secretariat of the Regional Environment Programme

³WMO: World Meteorological Organization

⁴PICOF: Pacific Islands Climate Forum

⁵RCOF: Regional Climate Outlook Forum



	(iv) Introduction of the Pre-PICOF ⁶ Training Session and the formal PICOF	(iv) Dr. Anahit Hovsepyan, WMO.	(iv) Define purpose, objectives, concept of the RCOF
Tea break Group Photo			
Session 2: 10.30 to 12.30 pm <u>Facilitator</u> Mr. 'Ofa Fa'anunu <u>Co-facilitator</u> Dr. Netatua Pelesikoti <u>Rapporteurs</u> Ms. Azarel Mariner/Mr. Salesa Nihmei	Session 2: Available global and regional forecasts, their diagnostics, understanding the skills and uncertainties (i) Introduction to Seasonal Climate Prediction (20mins) (ii) Global Seasonal Climate Update (20mins) (iii) Current State of the ENSO/ENSO Outlook (20mins) Open Discussion (Q & A) (30mins)	(i) Mr. Sunny Seuseu, SPREP. (ii) Dr. Nicolas Fauchereau, NIWA ⁸ (iii) Ms. Janita Pahalad/Mr. SimonMcGree, BoM ⁹ .	(i) Overview of how seasonal climate predictions are produced using dynamical or/and statistical model, climate prediction tools available to the Pacific Islands, and available outlooks provided by different institutions available to the Pacific. (ii) Process of the development of outlooks from global, regional to national (iii) Brief introduction on Global Climate Products; process from the global down to regional, national products.
Lunch break			
Session 3: 1.30 to 3.00 pm <u>Facilitator</u> Mr. Lloyd Tahani <u>Co-facilitator</u> Dr. Morgan, USP <u>Rapporteurs</u>	Session 3: Capacity building on seasonal climate prediction tools to generate climate outlooks for the Pacific (i) Seasonal Climate Prediction Using METPI ¹⁰ to produce Island Climate Update (ICU) (1hr) Open discussions (Q & A) (30mins)	Dr. Nicolas Fauchereau, NIWA. All participants	METPI/ICU: details of the climate prediction tool, process, data requirements, pros & cons, uncertainties, to produce update on ENSO, ICU water watch and tropical cyclone outlook.

⁷PICS Panel: Pacific Islands Climate Services Panel

⁶PICOF: Pacific Islands Climate Outlook Forum

⁸NIWA: National Institute of Water and Atmosphere (New Zealand)

⁹BoM: Australian Bureau of Meteorology

¹⁰METPI:

Ms. Christina Gale/Mr. Sunny Seuseu			
Tea break			
Session 3: 3.30 to 5.00 pm <u>Facilitator</u> Dr. Andrew Tait <u>Co-facilitator</u> Ms. Rosslyn Mitiepo <u>Rapporteurs</u> Mr. Henry Taiki/Ms. Azarel Mariner	Session 3Cont': Capacity building on seasonal climate prediction tools to generate climate outlook for the Pacific (i) Seasonal Climate Prediction Using NOAA tools to produce PEAC ¹¹ seasonal climate and rainfall outlooks (45Mins) Open discussions (Q & A) (30mins) Summary of the day (15Mins)	Dr. John Marra & Mr. Raymond Tanabe, US NOAA All participants	PEACtool: details of climate prediction tool, process, data requirements, pros & cons of the , uncertainties, to produce update on ENSO, monthly seasonal rainfall Outlook and tropical cyclone outlook.
Function Hosted by USP			

DAY 2: Tuesday, 13 October	Activity	Speakers and Presenters	Guidance/Comments
Session 3: 9.00 to 10.00 am <u>Facilitator</u> Mr. Sam Maiha <u>Co-facilitator</u> Mr. Raymond Tanabe	Session 3Cont': Capacity building on seasonal climate prediction tools to generate climate outlooks for the Pacific (i) Seasonal Climate Prediction Using SCOPIC ¹² /POAMA ¹³ to produce forecasts for rainfall and ENSO ¹⁴ (45mins) Open discussions (Q & A) (15mins)	Ms.JanitaPahalad/Mr. Simon McGree, BOM All participants	SCOPIC/POAMA: details of the climate prediction tool, process, data requirements, pros & cons of the tool, uncertainties, update on ENSO and tropical cyclone outlook.

¹¹PEAC: Pacific El Nino/Southern Oscillation (ENSO) Application Center

¹²SCOPIC: Seasonal Climate Outlooks in Pacific Island Countries, a decision support tool that generates outlooks for rainfall, temperature, and other climate related information

¹³ POAMA: A predictive Ocean Atmosphere Model for Australia, a dynamic computer model operated by the Australian Bureau of Meteorology which generates forecasts for El Nino/Southern Oscillation (ENSO)

¹⁴ENSO: El Nino/South Oscillation

<u>Rapporteurs</u> Ms Christina Gale/Mr Henry Taiki			
Tea break			
Session 3: 10.30 to 11.30 pm <u>Facilitator</u> Mr. Lloyd Tahani <u>Co-facilitator</u> Mr. Alan Porteous <u>Rapporteurs</u> Mr.SalesaNihmei/Ms. Azarel Mariner	Session 3 Cont': Capacity building on seasonal climate prediction tools to generate climate outlooks for the Pacific (i) Seasonal Climate Prediction Using CLIK ¹⁵ to produce ROK PI-CLIPS ¹⁶ Products (45mins) Open discussions (Q & A)(15mins)	Dr Jin-HoYoo, APCC ¹⁷ /Mr Sunny Seuseu,SPREP All participants	CLIK: details of the climate prediction tool, process, data requirements, pros & cons, uncertainties, to produce update on ENSO and tropical cyclone outlook.
Session 3: 11:30 to 12:30pm <u>Facilitators</u> Dr. Andrew Tait Dr. Annahit Hovsryan <u>Rapporteurs</u> Mr. SunnySeuseu/Ms. Christina Gale	Session 3 Cont': Panel Discussions (1hr) The different climate prediction tools and approaches employed by the different institutions and 'opportunities' and 'best practices' that can be shared to consistently implemented throughout the Pacific region.	Panelists will include US NOAA, APCC, BOM, and NIWA. All participants	This session will allow for general discussions on the different climate prediction tools and approaches employed by the different institutions. This session is also to explore 'opportunities' and 'best practices' that can be shared and consistently implemented throughout the Pacific region.
Lunch break			
Session 4: 1:30pm to 3:00pm <u>Facilitator</u> Dr.NetatuaPelesikoti <u>Co-facilitator</u> Mr. TaualaKatea	Session 4: National presentations of climate outlooks (15mins/presentation) Cook Islands (15mins) Fiji (15mins) Kiribati (15mins) Marshall Islands (15mins) New Caledonia & Wallis and Futuna (15mins)	Pacific Islands' National Meteorological Services representatives	This session will provide an opportunity for each of the countries to present their national level climate outlook for Oct-Nov-Dec (already prepared) and discuss the process they used to consolidate the different information using the different tools described in session 3, how they communicate the information to users including consultations with users on how to

¹⁵CLIK:

¹⁶ROK PI-CLIPS: Republic of Korea-Pacific Islands Climate Prediction and Services

¹⁷APCC: Asia-Pacific Economic Cooperation (APEC) Climate Center

<u>Rapporteurs</u> Mr. Salesa Nihmei/Mr. Henry Taiki	Niue (15mins)		use the information, and getting feedback from users on how they use the information.
Tea break			
Session 4: 3.30 to 5.00 pm <u>Facilitator</u> Dr. Netatua Pelesikoti <u>Rapporteurs</u> Ms Christina Gale/Mr Sunny Seuseu	Session 4 Cont': National presentations of climate outlooks (15mins/presentation) Palau (15mins) Papua New Guinea (15mins) Samoa (15mins) Solomon Islands (15mins) Tonga (15mins) Tuvalu (15mins) Vanuatu (15mins) Open discussions (Q and A) (30mins)	Pacific Islands National Meteorological Services representatives	This session will provide an opportunity for each of the countries to present their national level climate outlook for Oct-Nov-Dec (already prepared) and discuss the process they used to consolidate the different information using the different tools described in session 3, how they communicate the information to users including consultations and discussions with users on how to use the information, and getting feedback from users on how they use the information. The goal of this session is to look for 'best practices' that can be shared and consistently implemented throughout the Pacific region.

Volunteers to Meet after the session 4 to discuss and compile a Regional Statement on the State of the ENSO and Rainfall and TC outlooks for the coming months

DAY 3: Wednesday, 14 October	Activity	Speakers and Presenters	Guidance/Comments
Session 4: 9.00 to 10.00 am <u>Facilitator</u> Ms. JanitaPahalad <u>Co-facilitator</u> Dr.John Marra <u>Rapporteurs</u> Mr. Sunny Seuseu/Mr. Henry Taiki	(i) CariCOF ¹⁸ informing the Agriculture and Other Sectors (15mins) Session 5: Roundtable discussion to develop a regional statement on the status of El Nino and Tropical Cyclone Outlook in the Pacific Island countries Open discussion (1hr) This session is about specific information that National MeteorologicalService/Office can provide at the national and at the regional level so that NDMO ¹⁹ , water operators, water managers, the community and other stakeholders can better understand the impact of El Ninoon water resources and supply.	Mr. Adrian Trotman, CIMH All participants	Guiding Questions for Discussion <ul style="list-style-type: none"> • How dry will it be, what can we expect? • How long will it last, what can we expect? • What can we expect with regards to temperatures on a monthly basis? • Where will it be driest, over the different parts of the country and the islands? • What can we expect in terms of frequency of rainfall and amounts, on a monthly basis> <ul style="list-style-type: none"> • What can we expect from tropical cyclones for the coming season?
Tea break			

¹⁸CariCOF

¹⁹NDMO: National Disaster Management Office

<p>Session 5: 10.30 to 11.30 am</p> <p><u>Facilitator</u> Ms. Janita Pahalad</p> <p><u>Co-facilitator</u> Mr. John Marra</p> <p><u>Rapporteurs</u> Mr. Salesa Nihmei/Ms. Azarel Mariner</p>	<p>Session 5 Cont': Roundtable discussion to develop a regional statement on the status of El Nino and Tropical Cyclone Outlook in the Pacific Island countries</p> <p>Open discussion (1hr)</p> <p>This session is about specific information that National Meteorological Service/Office can provide at the national and at the regional level so that NDMO, water operators, water managers, the community and other stakeholders can better understand the impact of El Nino on water resources and supply.</p>	<p>All participants</p>	<p>Guiding Questions for Discussion</p> <ul style="list-style-type: none"> • How dry will it be, what can we expect? • How long will it last, what can we expect? • What can we expect with regards to temperatures on a monthly basis? • Where will it be driest, over the different parts of the country and the islands? • What can we expect in terms of frequency of rainfall and amounts, on a monthly basis? • What can we expect from tropical cyclones for the coming season?
<p>Session 6: 11.30am to 12.30 pm</p> <p><u>Facilitator</u> Mr. Peter Sinclair</p> <p><u>Co-facilitator</u> Salesa Nihmei</p> <p><u>Rapporteurs</u> Ms. Christina Gale/Ms. Azarel Mariner</p>	<p>Session 6: Water Sector (1hr)</p> <p>(ii) Impacts to water sources and responses from past El Nino events and droughts (15mins)</p> <p>(iii) What would we do differently, if we had the benefit of hindsight? (15mins)</p> <p>Open discussion (Q & A) (15mins)</p>	<p>(i) Mr. Marc Overmars (UNICEF)</p> <p>(ii) Mr. David Hebblethwaite, SPC²⁰</p>	<p>Water managers water resource operators and the NDMO outline what the potential impact is on the different water sources based on previous drought experiences, to water sources that is the different impacts between storages and residence time, rainwater, dams, springs, groundwater bores for different countries</p> <p>NDMO outline how they responded and the information and agencies that they relied upon</p> <p>What is the response by NDMO to El Nino status, now and the coming months</p>
<p>Lunch</p>			

²⁰SPC: Secretariat of the Pacific Community

Session 7: 1.30 to 3.00 pm <u>Facilitator</u> Ms. Rhonda Robinson <u>Co-facilitator</u> Dr.NetatuaPelesikoti <u>Rapporteurs</u> Mr. Henry Taiki/Mr.SalesaNihmei	Session 7: Roundtable discussion 1) How can the use of climate information improve the quality of water resources/supply planning? (15mins each) Cook Islands (15mins) Federated States of Micronesia (15mins) Fiji (15mins) Kiribati (15mins) Marshall Islands (15mins) Niue (15mins) Palau (15mins)	Pacific Islands water sector representatives	Country reports from the water sector on how they are using the climate forecasts and provide an overview of the National Water Sector process for El Nino/La Nina response. The reports should also cover how they are currently responding to El Nino 2015 warnings.
Tea break			
Session 7: 3.30 to 5.00 pm <u>Facilitator</u> Ms. Rhonda Robinson <u>Co-facilitator</u> Dr.NetatuaPelesikoti <u>Rapporteurs</u> Mr. Simon McGree/Mr. Sunny Seuseu	Session 7Cont: Roundtable discussion. Papua New Guinea (15mins) Samoa (15mins) Solomon Islands (15mins) Tonga (15mins) Tuvalu (15mins) Vanuatu (15mins) Open discussions (Q & A)	Country representatives from the Water Sector	Country presentation from the water sector on how they are using the climate forecasts and provide an overview of the National Water Sector Process for El Nino/La Nina response. SPC to provide an outline of activities implemented in the past regarding the uptake of climate forecasts and El Nino information.
5:00 to 5:30pm	Wrap-Up and Closing of the Training		

- Discussion END HERE-

First Pacific Island Climate Outlook Forum (PICOF-1)

DAY 4: Thursday, 15 October	Activity	Speakers and Presenters	Guidance/Comments
8.30 to 9.00 am	Arrival and registration at ICT Building B, Lacala Campus, USP		
Session 8: 9.00 to 10.00 am <u>MC</u> Dr Morgan <u>Rapporteurs</u> Mr. Henry Taiki/Ms. Azarel Mariner	Session 8: Official Opening of the Inaugural PICOF (i) Welcome Remarks (10mins) (ii) Opening Remarks (including overview of the PICOF) (15mins) (iii) Official Opening Remarks (10mins) Session 8: Key Note Speeches (i) Key Note Speaker 1 – Status of the Climate and Outlook (15mins) (ii) Key Note Speaker 2 – Impact of Climate on Sectors (15mins)	(i) USP (TBC) (ii) Dr. Netatua Pelesikoti, SPREP and Dr. AnahitHosepyan, WMO (iii) Gov. Minister from Fiji (TBC) (i)Dr.John Marra, US NOAA and Mrs. Janita Pahalad, BoM (ii)Mr. Lesu Waqaniburotu, IFRC ²¹	(i) The opening remarks are to provide an overview on the direction of meteorological science in the region and global especially in regards to the advances and accessibility of climate information and what the vision for the future (i) Current status of El Nino in the Pacific and how it will manifest in months ahead. (ii) Impacts of the climate on the sectors eg Water
Tea break Group Photo			
Session 9: 10.30 to 12.30 pm Facilitator	Session 9: Summary Presentation on the status of climate and summary of climate Outlooks for the PICTs²² (i) Presentation on tropical cyclone outlook (15mins)	(i)Dr. Nicolas Fauchereau,	(i) This session will focus on the tropical cyclone

²¹IFRC: International Federation of Red Cross

²² PICTs: Pacific Island Countries and Territories

<p>Mr. Sam Maiha</p> <p><u>Co-facilitator</u> Mr. David Hebblethwaite</p> <p><u>Rapporteurs</u> Mr Sunny Seuseu/ Ms Christina Gale</p>	<p>(ii) Presentation on status of drought in the South West Pacific (15mins)</p> <p>(iii) Presentation on the Tropical Cyclone Outlook and the Status of Drought in the North Pacific (15mins)</p> <p>(iv) Country presentations on national consensus climate outlook/forecast based on combination of results from various climate prediction tools Cook Islands (5mins) Federated States of Micronesia (5mins) Fiji (5mins) Kiribati (5mins) Marshall Islands (5mins) New Caledonia (5 mins) Niue (5mins) Palau (5mins) Papua New Guinea (5mins) Samoa (5mins) Solomon Islands (5mins) Tonga (5mins) Tuvalu (5mins) Vanuatu (5mins)</p> <p>(iv) Opportunities for questions and comments</p>	<p>NIWA</p> <p>(ii) Mr. Simon McGree/Ms. Janita Pahalad, BOM</p> <p>(iii) Mr. Raymond Tanabe, US NOAA</p> <p>(iv) Pacific Islands National Meteorological Service/Office and water sector representatives</p>	<p>outlook for the Pacific</p> <p>(ii) This session will focus on the drought in the Pacific</p> <p>(iii) The joint country presentations between National Meteorological Services/Offices and Water Agencies, to present climate outlooks and response measures on water sector.</p> <p>(iv) Country presentation using the templates provided</p>
Lunch break			
<p>Session 10: 1.30 to 3.00 pm</p> <p><u>Facilitator</u> NDMO</p> <p><u>Co-facilitator</u></p>	<p>Session 10: Discussion on the importance of national drought management/response plans</p> <p>(i) Drought and overview of global approach to drought management and response (20mins)</p> <p>(ii) Lessons learnt on drought management policies and response plans in the Pacific (20mins)</p>	<p>(i) Dr. Anahit Hovsepyan, WMO</p> <p>(ii) Mr. Peter Sinclair, SPC</p>	<p>This session will focus on drought as a hazard that often affects the water sector in most of the PICTs. WMO will provide an overview of the global approach on drought including the Global Framework on Climate Services (GFCS) implementation aspects relevant to the region. Presentations from selected PICT's will also discuss different initiatives taken at the national level</p>

<u>Dr.NetatuaPelesikoti</u> <u>Rapporteurs</u> Ms. Rhonda Robinson, SPC/Mr. Simon McGree	(iii) Drought Planning and Responses (20mins) (iv) Drought management/response plan in Kiribati(20mins) Open discussions (Q and A) (20mins)	(iii) Marc Overmars, UNICEF ²³ (iv) Mr. Riteta Iorome, Kiribati	on drought management planning.
Tea break			
Session 11: 3.30 to 5.00 pm <u>Facilitator</u> Mr. Marc Overmars, <u>Co-facilitator</u> Mr. Salesa Nihmei <u>Rapporteurs</u> Ms Azarel Mariner, SPREP	Session 11: Uptake and Translation of the seasonal climate and tropical cyclone outlooks into practical response measures and action by the water sector. (i) Key Note Speaker on Water Sector (what to look out for?) (20mins) (ii) Break-out group discussions by 2 sub-regions (30mins). (iii) Group presentations of the different actions and responses (30mins)	(i) Ms. Rhonda Robinson, SPC (ii) SPREP (iii) Group Leaders	(i) This presentation will provide the user perspective/ water sector and providing guidance for the breakout groups by sub-regions (North Pacific and the South Pacific). (ii) This session will involve both discussions and breakout sessions. (iii) Each group will make a presentation of the different actions. Key actions will be captured and summarised for dissemination through appropriate mechanisms. It will include discussions on “user needs” identification with possible actions, then go backwards to identify how the guidance may help to inform decisions at community level.

²³UNICEF: United Nations Children's Fund

DAY 5: Friday, 16 October	Activity	Speakers and Presenters	Guidance/Comments
Session 11: 9.00 to 10.00 am <u>Facilitator</u> Dr NetatuaPelesikoti <u>Co-facilitator</u> Ms. RossyMitiepo <u>Rapporteurs</u> Ms. Anna-Maree Delaney/Ms Christina Gale	Recap of Sessions8, 9, 10 and 11(15mins) Session 11 Cont: Uptake and translation of the seasonal climate and tropical cyclone outlooksinto practical response measures and action by the water sector. (iv) Climate Crab Video (5mins) (v) Presentation on communication of seasonal climate outlooks to communities (experiences and lessons learnt) (15mins) (vi) Open discussions on how to develop National El Nino Response Plans(UNICEF to lead) (40 mins)	 (iv) SPREP (v) Dr. Olivia Warrick, IFRC (vi) All participants	 (iv) Showing of the ENSO Animation (v) Presentations and discussions on communications of climate information to communities (vi) Guidance provided on th Development of El Nino Response Plans
Tea break			
Session 11: 10.30 to 12.00 pm <u>Facilitator</u> Dr NetatuaPelesikoti <u>Rapporteurs</u> Ms. Karishma Narayan/Mr. Sunny Seuseu	Session 11 Cont: Uptake and Translation of the seasonal climate and tropical cyclone outlooksinto practical response measures and action by water-sector. (vii) Innovative ways for uptake and communication of climate information (1hr) (viii) Introduce the Regional Statement on the El Nino and Tropical Cyclone Outlook and potential impacts as well as actions that should be taken (30 min)	 (vii) IFRC (viii) PICS Panel and Partners	 (vii) Introduction of climate games (viii) Introducing the Regional PICOF Statement
Lunch break			
Session 12: 1.30 to 3.00 pm <u>Facilitator</u>	Session 12: Discussion on how to improve national and regional collaboration and information exchange Discussion on final regional statement on climate outlook and impact on water (flagship product of the PICOF).	Andrew Tait (Chairman, PICS-Pan ²⁴ el)	Discussion on consolidating the existing RCOF and inter-linkages within an overarching PICOF framework

²⁴PICS Panel - Pacific Island Climate Services Panel (Technical Advisory Committee on Climate Services for the Pacific Region)

<p>Mr. 'Ofa Fa'anunu</p> <p><u>Co-facilitator</u> Dr. Andrew Tait</p> <p><u>Rapporteurs</u> Ms. Azarel Mariner/ Mr. Henry Taiki</p>	<p>Furthermore, discussions in this session will include the future of RCOFs and NCOFs in the Pacific in terms of its structure, approach to the priority sectors under the GFCS (Agriculture and Food Security, Water, Health and DRR), how to strengthen and maintain the collaboration and partnerships among the members of the NMSs and water sector for mutual benefit and way forward.</p>		
Tea break			
<p>Session 12:</p> <p>3.30 to 5.00 pm</p> <p><u>Facilitator</u> Prof Elisabeth Holland</p> <p><u>Rapporteurs</u> Mr. Sunny Seuseu/Mr.SalesaNihmei</p> <p>Session 13</p>	<p>Session 12Cont': Discussion on how to improve national and regional collaboration and information exchange</p> <p>(iv) Discussion continue on final regional statement on climate outlook and impact on water, and ways forward for future PICOF</p> <p>Session 13: Closing (i) Remarks from Institutions (ii) Remarks from Participants (iii) Closing Remarks from Host</p>	<p>Andrew Tait (Chairman, PICS Panel)</p>	

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