

## CONCEPT NOTE

### Next Gen End-of-Project Workshop on Tailored Pacific Climate Change Science to Informed Services

Tuesday 5 & Wednesday 6 April 2022 (1-3.30 pm Samoa Time)

#### 1. Context

The project entitled *Next Generation Climate Projections for the Western Tropical Pacific* is funded by the Australian Government through the *Australia-Pacific Climate Partnership* (APCP). Project implementation is led by the Commonwealth Scientific and Industrial Research Organisation (CSIRO) Climate Science Centre (CSC) in collaboration with the Climate Change Resilience (CCR) programme of the Secretariat of the Pacific Regional Environment Programme (SPREP) and the APCP Support Unit.

The primary purpose of the project is to support partner Pacific Island Countries (PICs) to better use climate change science in sectoral decision making. The key project deliverables include development of updated climate projections for partner PICs, including more salient framing, improved accessibility and guidance for sectoral applications. This is further supported by the development of selected case studies focused on demonstrating the practical application of these projections to inform first-pass, hazard-based impact assessments in different sectors at a national/sub-national level, as well as the development of new scientific knowledge on the physical impacts of climate change in partner PICs.

Final reporting for the project will include synthesis of various communication and associated knowledge products to facilitate path-to-impact for the project over the longer term.

#### 2. Purpose

The purpose of this meeting is to present final deliverables of the Next Gen project co-implemented by SPREP and CSIRO. These include:

- Presenting updated (current/future) country focused climatologies for all partner Pacific Island countries (PICs) <https://www.rccap.org/climate-change-update-for-the-pacific/>, sectoral and regional case study applications <https://www.rccap.org/pacific-guidance-and-case-studies/case-studies/>, and other deliverables and communication collateral related to NextGen Science
- Sharing practical solutions and guidance materials on using science to inform services with key development sectors like agriculture, fisheries, infrastructure, tourism, water, energy, DRM and others.
- Lessons learned on development of research and peer-reviewed papers.



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- Identify partnership opportunities to harness climate change science-based services, innovation and technology to inform climate change action, and
- Next steps and way forward for development and delivery of Pacific Climate Change Science and Services, and for development of PIC capacity in this domain.

#### **4. Audience**

- Pacific National Meteorological & Hydrological Services and PMC/Panels, PIC sectors, Regional Organisations (SPREP, SPC, SPTO, USP, etc), UN Agencies (WMO, UNOCHA, UNEP, IOC, UNESCAP), Pacific Technical Partners (NIWA, BoM, APCC, NOAA, UKMet etc), Australia and Pacific Universities, NGOs, Pacific climate change focal points and practitioners, COP negotiators and the private sectors (including consultancies).
- Donors and development partners, including DFAT/APCP, and multi-lateral Development Banks
- Other climate change science and services providers and associated delivery partners



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## Agenda DAY 1

**Tuesday 5 April 1.00-3.30pm Apia Time**

- Opening**                      Opening Prayer
- Welcome Remarks (10mins)**      SPREP Director General
- Remarks (15 mins):**      DFAT/APCP Representative  
   Pacific Meteorological Council Chair

### **Project Overview and Outputs (20mins)**

- SPREP Director Climate Change Resilience Programme, **Ms. Tagaloa Cooper**
- CSIRO Program Manager, Climate Resilient Enterprise, Climate Science Centre CSIRO Oceans & Atmosphere, **Dr. Geoff Gooley.**

### **Product Presentation (20mins each)**

- NextGen Country Reports:*** Senior Research Scientist, CSIRO Climate Science Centre, **Dr. Michael Grose**
- NextGen Sector Case Studies & Guidance Material Presentation:*** Research Scientist and Climate Change Knowledge Broker, CSIRO Climate Science Centre, **Dr. Leanne Webb**
- NextGen Regional Case Studies & Journal Papers:*** **Dr Savin Chand (Federation Univ), Dr Kathy McInnes and Dr Vanessa Hernaman (CSIRO Climate Science Centre) and Dr Viliamu Lese (USP)**
- Publication, Communication & Sustainability Plan:*** COSPPac Capacity Development Officer, **Ms. Azarel Maiai**

### **Questions & Answers (20 mins)**

**Closing (5mins)**                      Director of Climate Change Resilience, **Ms. Tagaloa Cooper**

**End of Day 1**



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## Agenda DAY 2

**Wednesday 6 April 1.00-3.30pm Apia Time**

**Recap (10mins)**

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**Country Feedback  
(30mins)**

Meteorological Services Directors requested to provide feedback on the project (Facilitator SPREP and PMC Chair)

**Partner Feedback  
(30mins)**

Technical and Donor partners are invited to share views and feedback (CSIRO/APCP)

**Next Gen 2.0 Proposal Presentation & Feedback (20mins) (CSIRO)**

**Pacific Climate Intelligence Platform Demonstration (20mins) (NGIS/Frontier SI)**

**Questions & Answers/General Discussion (30mins)**

**Closing Remarks (10 mins):**

- CSIRO Project Manager, Climate Resilient Enterprise, Climate Science Centre CSIRO Oceans & Atmosphere, **Dr. Geoff Gooley.**
- SPREP Director Climate Change Resilience Programme, **Ms. Tagaloa Cooper**

**End of Day 2**