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SIXTH MEETING OF THE PACIFIC METEOROLOGICAL COUNCIL (PMC-6) THIRD PACIFIC MINISTERIAL MEETING ON METEOROLOGY (PMMM-3)

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Sixth Meeting of the Pacific Meteorological Council (PMC-6)

Sustaining Weather, Climate, Water and Ocean Services for a Resilient Blue Pacific

14-16 August 2023, Sofitel Fiji Resort and Spa, Denarau, Nadi, Fiji

Agenda item 18.5: Adaptation Fund Opportunities through WMO

Purpose:

1. To provide an update on the progress of the Regional Pre-Concept Note submitted for Fiji, Samoa, Solomon Islands and Vanuatu by the WMO to the Adaptation Fund for approval.
2. To provide an update on the progress of the Single Country Concept Note submitted for Fiji by WMO to the Adaptation Fund for approval.

Background:

AF Pre-Concept Note – Integrating Flood and Drought Management and Early Warning for Climate Change Resilience in the Pacific Islands (Fiji, Samoa, Solomon Islands and Vanuatu).

1. This paper is to provide an update on the progress of the AF Pre-Concept note on the project, 'Integrating Flood and Drought Management and Early Warning for Climate Change Resilience in the Pacific Islands' for Fiji, Samoa, Solomon Islands and Vanuatu.
2. The Pre-Concept Note was developed in close coordination between WMO and the four selected countries focal points in the Hydrology Departments, SPC and SPREP.
3. The project goal is to assist Fiji, Samoa, Solomon Islands, and Vanuatu to improve the integration of meteorological and hydrological data and information, products and services, and practices to better manage floods and droughts in a changing climate and further strengthen the climate change resilience of Pacific Island communities.
4. The main objectives of the project pre-concept note are:
 - To improve hydro-meteorological, water resources, floods and drought monitoring and forecasting infrastructure to improve early warning to the last mile connectivity.
 - To improve data collection, management, interoperability, data exchange and use of quality assured hydrological and meteorological data to support hydrology products and services.
 - To strengthen collaboration among hydro-meteorological services, disaster management agencies, government, and relevant stakeholders to better manage water resources and develop a tailored flood and drought early warning system.
 - To strengthen the capacity of NHSs through accredited trainings/qualifications at the national and regional levels.

- To enhance user requirement processes and development of knowledge management products for public awareness and outreach at all levels.
5. The project total funds requested is USD 13,959,881 and when approved has an implementation period of 5 years.
 6. The Project Pre-Concept Note was submitted together with a request for Project Concept Note formulation Grant.
 7. The Pre-Concept Note was submitted to the AF Board in 2022.

AF Concept Note - Fiji

8. The paper will also provide an update in the status of the Singly Country Concept Note on the project, 'Enhancing Climate Adaptation through scaling up Fijis Coastal Inundation Forecasting Early Warning System', for Fiji.
9. The Project Concept Note total amount is USD 5,560,000.
10. The Fiji Meteorological Services is the Executing Entity for this project.
11. The project aims to enhance Fiji's capacity to prepare for and respond to natural hazards induced from climate change, through scaling up its coastal inundation forecasting early warning system; strengthening capacity of forecasting competencies at an institutional level; and building resilience of communities at risk and industries by the coasts.
12. The Project has 6 components, and they are.
 - Component 1: Identifying and assessing institutional and community capacity, state of infrastructure, communication platforms for coastal inundation adaptation requirements.
 - Component 2: Expanding the forecast systems from CIFDP-F to other key parts of Fiji and upgrading the forecasting systems.
 - Component 3: Assessing and mapping the risk of coastal inundation hazards.
 - Component 4: Establishing a data archive of meteorological hazards for coastal/marine events and their impacts.
 - Component 5: Enhancing and streamlining communication with stakeholders and communities-at-risk.
 - Component 6: Strengthening cross-sectoral partnerships with institutions and NGOs.
13. The project is to be implemented in a 5-year timeframe.

Objectives:

1. The Regional Pre-Concept Note for Fiji, Samoa, Solomon Islands and Vanuatu submitted to the Adaptation Fund was not endorsed and WMO was requested to address the comments and to resubmit in pre-concept Note ([AF Pre-Concept Note](#)).
2. The Single Country Concept Note for Fiji submitted to the Adaptation Fund at its Fortieth Meeting was endorsed and Adaptation Fund Board has requested WMO to encourage the Government of Fiji to submit a fully developed project proposal via the Organisation ([AF Concept Note](#)).

Recommendations:

The Meeting is invited to:

- **Note** the progress of the Pre-Concept Note and Concept Note submitted on behalf of the countries.
- **Inform** the council that WMO and the Governments of Fiji, Samoa, Solomon Islands and Vanuatu will resubmit the Pre-Concept Note to the Adaptation Fund Board with an associated request to access AF project concept formulation grant.

- **Inform** the council that the Government of Fiji through the Fiji Meteorological Service are working with WMO in preparing the full Project Proposal as per the AFB decision.
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