

Goal of Approach:

Together with the USAID, the U.S. National Oceanic and Atmospheric Administration will help governments, regional and local institutions, and communities in the Pacific SIDS develop their capacity to understand, forecast, and use climate information to strengthen the adaptive capacity of key sectors, including coastal zones, water resources, agriculture, health and fisheries.

This program will strengthen end-to-end climate services (i.e., supporting climate information and knowledge exchange between scientists, service providers, and user communities and packaging and disseminating climate information products) and adaptation capabilities, with a view toward reducing loss and damage associated with the adverse effects of climate change.

Input provided by: United States (USAID/Barbados)

Main elements of the implementation strategy

The program will provide an “end-to-end” system of climate products and services to Pacific SIDS with a view to strengthening food security, water security and ecosystem resilience and reducing loss and damage to the adverse effects of climate change. Main elements include:

- Extending the Pacific Climate Information System (PaCIS) – an organizational framework that supports climate information and knowledge exchange between scientists, service providers, and user communities and is currently available to U.S. Pacific territories – into the Pacific SIDS.
- Facilitating and/or providing technical assistance to conduct community-based climate risk and vulnerability assessments on an ongoing basis, including through the incorporation of current climate science and the consideration of user needs to ensure that science and services are appropriate and effective.
- Developing and/or providing technical assistance for the development of targeted, locally applicable products and services, such as guidance, training workshops/seminars, and tools, to help users in the region translate and apply climate information.
- Developing partnerships with regional organizations as well as with universities and extension services to leverage sector-specific technical expertise and to build sustainable capacity for adaptation in the region.
- Packaging and disseminating climate information products through the creation and expansion of regional websites, such as the Pan-Pacific Education and Communication Experiments by Satellite (PEACESAT) site with support from the Asia-Pacific Data Research Center, and the provision of reliable data and communications through the PEACESAT facility to support climate adaptation activities in the region.

Targeted beneficiaries

Decision-makers at all levels in the Pacific SIDS.

Any significant lessons learned

Resource requirements
\$1.9 million over two years
Potential for replication or scaling-up
Any additional information

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