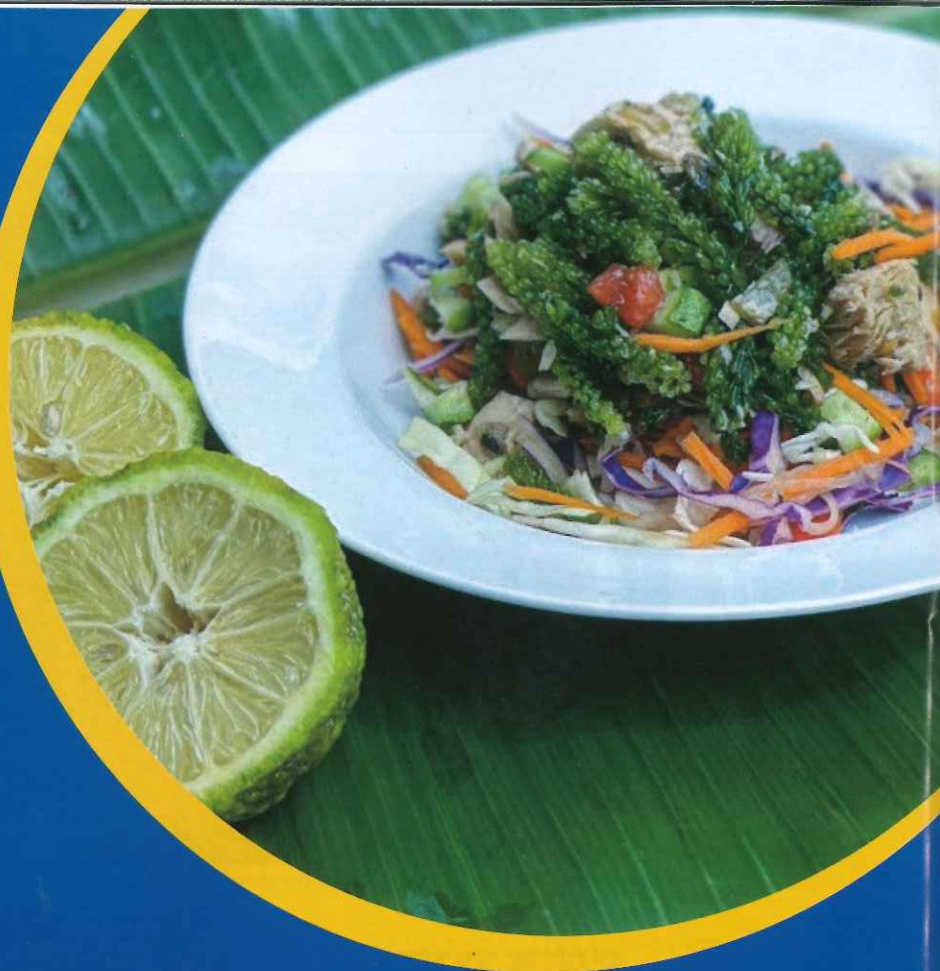


Improving food security through climate services



Climate Services for informed decision-making in agriculture

Intra-African Caribbean Pacific Climate Services and Related Applications Programme

This European Union-funded programme is supporting the Climate Information Services value chain in the Pacific with technical and financial assistance, infrastructure and capacity building.

Pilot Countries



Kiribati



Samoa



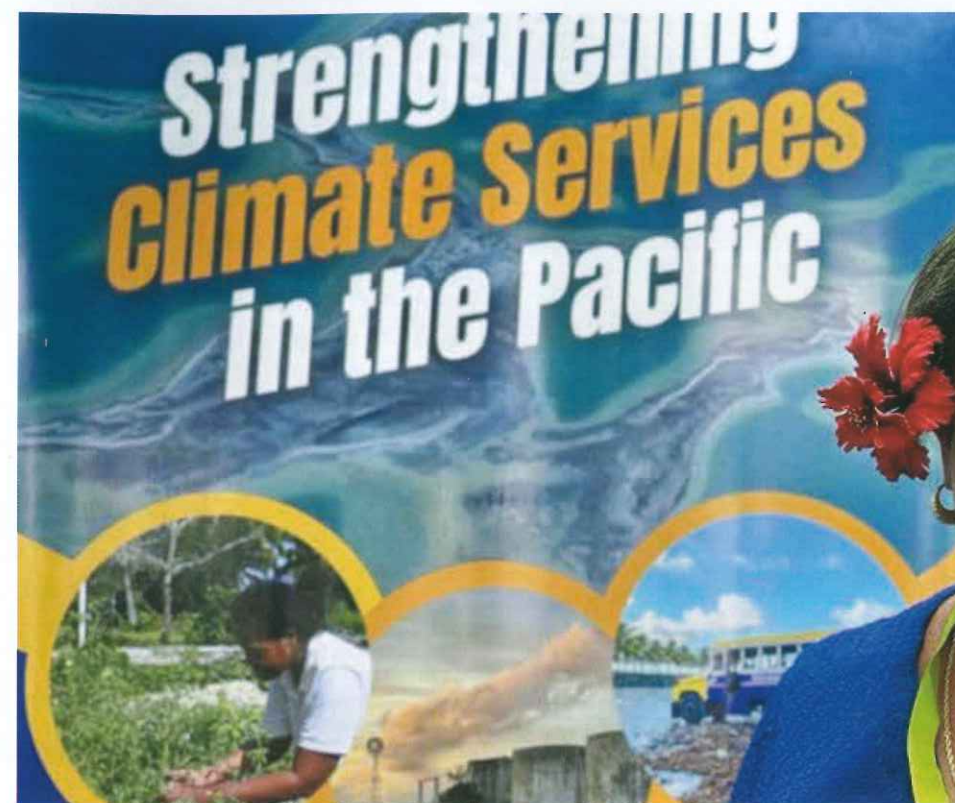
Nauru



Tonga



www.sprep.org/climsa



Feedback Essential for Improving Science for AgriFisheries

In many countries, there remains a gap between the National Meteorological and Hydrological Services (NMHSs) and the sectors they serve, when it comes to providing tailored climate services. Recent years have seen significant investment in infrastructure, technology and tools.

One such tool is the Climate Station, which is a platform for retrieving, processing and visualising climate and Earth Observation datasets for the implementation of climate services.

The Climate Station has been developed by European Union's Joint Research Centre (JRC) for the Intra-African Caribbean and Pacific Climate Services and Related Applications Programme (ClimSA), and has already been deployed to the Regional Climate Centres since 2021, as a prototype.

The platform is at full integration status for use in the Climate Service Information Systems (CSIS) at the regional level and for deployment to NMHSs. A specific training for use of the Climate Station was held at the Pacific Climate Change Centre in Apia, Samoa in May, 2025. Forty-eight participants from sixteen countries attended the week-long training on the Climate Station, which included a mix of theory and hands-on simulations.

"The Climate Station offers a powerful way to bridge the gap - by providing user-friendly, sector-specific, and accessible tools that turn climate data into decisions. But tools alone are not enough. It is your feedback, your case studies, and your innovation that will shape the future of this system in the Pacific. That is why this week is designed to be interactive, practical, and led by you," said Mr. Naheed Hussein, Officer in Charge of the Climate Science and Information Programme (CSI) at the Secretariat of the Pacific Regional Environment Programme (SPREP).

"There is also the need to have access to local data so that it is integrated into such a system to enable outputs of high-resolution information, and a structured way of collecting feedback," added Mr. Hussein.

Attending the training were representatives from the regional NMHSs and fisheries and agriculture sectors.

Boat Owner and Fish Vendor from Apia, Samoa, Ms. Maselina Chu Shing said, "Despite the technical aspects of the training, which were a challenge to understand at first, the potential for using the Climate Station is immense. Small boats do not have the equipment and technology for profitable catches, but knowing when and where to fish through the customised climate products is going to be invaluable. I hope that with the support of Samoa Met, our inshore and coastal fishermen will have this information for their use.

The support for enabling the deployment of the Climate Station for the Pacific Region and hosting the training was made possible with funding from the European Union's Intra-ACP Climate Services and Related Applications (Intra-ACP ClimSA) Project, implemented by SPREP. For more information on the Climate Station and the Intra-ACP Climate Services and Related Applications Programme, visit www.sprep.org/climsa.

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