

Pacific Climate Change Centre-ISPCCR Webinar Co-Organized with SPC/Digital Earth Pacific

Earth Observation technologies for Climate Change Resilience in the Pacific Island Countries and Territories

Hosted on the Pacific Climate Change Innovation Lounge, PCCC

Background

The Pacific Climate Change Centre under its functions on Innovation and Knowledge Brokerage established the Pacific Climate Change Innovation Lounge (PCCIL), a platform dedicated to hosting climate change innovation solutions, ideas, technologies, dialogues, and research. It is designed to bring global and Pacific innovators, practitioners, researchers, policy makers and development partners to a virtual space to share innovative solutions, ideas and interact.

This webinar is convened using the Pacific Climate Change Innovation Lounge as part of the 2025 PCCC series of webinars. This particular webinar explores how Earth Observation (EO) technologies, including satellite data, can support climate resilience in Pacific Island Countries. The session brings together data providers and end users to share practical experiences in applying EO data to inform climate-related planning and action.

Objectives

- Demonstrate the role of Earth Observation (EO) technologies, including satellite data, in enhancing climate resilience across the Pacific.
- Highlight best practices in applying EO technologies and data for climate change action.
- Foster regional collaboration among data users, providers, and users to improve access to EO data and its practical applications.
- Raise awareness of EO tools and satellite data as important resources for climate-related decision-making and planning.

The key outcomes for the webinar will be:

- Improved understanding of EO technologies and satellite data applications in climate resilience and disaster risk reduction.
- Strengthened partnerships between Pacific stakeholders and EO data providers to enhance data accessibility, usability, and impact.
- Identification of key challenges and opportunities to scale up the use of EO and satellite data in climate-related planning and implementation.

Time and Venue

Date and Time: 21/10/2025, 13:00-14:30

Venue: Pacific Climate Change Centre, SPREP, Vailima, Apia Samoa

For online participation: <https://us06web.zoom.us/j/85684904067>

Draft Agenda

Facilitator: Ms. Ofa Kaisamy, PCCC Manager

Time	Content	Speaker
13:00 -13:05	Welcome Opening Remarks	PCCC JICA resident representative
13:05-13:10	PCCC: Catalysing Innovation in the Pacific Region	PCCC
13:10 -13:20	Satellite Technologies for Climate Change Action: - GSMP Global Satellite Mapping of Precipitation) - Sentinel (Emergency observation support satellites)	Ms. Natsumi UEDA / Ms. Yuki TANAKA , Sentinel Asia Secretariat, Satellite Applications and Operations Center, Space Technology Directorate I Japan Aerospace Exploration Agency (JAXA)
13:20-13:30	Leveraging Earth Observation and Spatial Technology for Climate Resilience	Mr. Khaled Mashfiq Regional Liaison Officer for Asia and the Pacific, United Nations Satellite Centre (UNOSAT), United Nations Institute for Training and Research.
13:30-13:40	Digital Earth Pacific Using Earth Observation at scale to enable decision making for the Pacific People.	Ms. Andiswa Mlisa Programme Manager, Digital Earth Pacific, The Pacific Community (SPC)
13:40 -13:50	From Space to Solutions: Private-Sector Innovations in Earth Observation for Climate Action	Mr. Rémi Andreoli , Chief Operating Officer, Quintesens Pty Ltd
13:50-14:20	Pannel Discussion: Fostering Global and Regional Collaboration to Advance Earth Observation and Satellite Data for Climate Solutions: Opportunities and	Ms. Kasaqa Tora Spatial Analysis Specialist - Protected Areas, SPREP Emma Luke Regional Earth Observation Centre All Speakers



SPREP
Secretariat of the Pacific Regional
Environment Programme



Pacific
Community
Communauté
du Pacifique



pacific climate change centre

	Challenges	
14:20 – 14:30	Closing	



Australian Government
Department of Foreign Affairs and Trade

pccc@sprep.org