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ON GLOBAL GEOSPATIAL INFORMATION
MANAGEMENT FOR THE AMERICAS

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SANTIAGO, CHILE



ECLAC

Concept Note

Side Event

“In Situ Data: Field Information for the Generation of Open Regional Products for Territorial Management.”

CopernicusLAC – Chile

Thursday, 6 November 2025

13:00 – 2:30 P.M

Celso Furtado Room

Introduction:

CopernicusLAC-Chile is a project implemented by the Center for Mathematical Modeling (CMM) of the Faculty of Physical and Mathematical Sciences of the University of Chile, funded by the European Union through the Directorate General for International Partnerships (DG INTPA) together with the University of Chile, within the framework of the European Union-Latin America and the Caribbean Digital Alliance.

The main objective of the project is to strengthen regional capacities to access, process, and use Earth Observation (EO) data through the implementation of advanced technological infrastructure, an in-situ data management strategy, and the development of high-value public services for Latin America and the Caribbean (LAC).

This project provides Copernicus data storage, processing, and distribution services for the region. It also develops monitoring services in the areas of land use and land cover, urban areas, and, more recently, coastal monitoring. This includes coordinating access to in-situ data, i.e., data from land-based meteorological stations, ocean buoys, and air quality monitoring networks, among others.

Objective of the Side Event:

The main objective of this workshop is to understand the limitations, needs, and strengths of using in- situ data to improve open and free regional models and services developed by CopernicusLAC-Chile.

The specific objectives of the Side Event are to:

- Understand the relevance of in-situ data through specific experiences and case studies.
- Share experiences regarding data use, issues, and challenges, gathering information on the needs of participating countries regarding the use of information currently available through CopernicusLAC Chile services.

Agenda

- 1:00 - 1:15 Introductions**
- 1:15 - 1:50 Presentation of Jose Miguel Rubio**
- 1:50 – 2:20 Questions – discussion with all the participants**
- 2:20 – 2:30 Final Remarks**

Overview of Presentations:

The event will feature José Miguel Rubio, Coordinator of the Copernicus In-Situ Component at the European Environment Agency, who will share examples, experiences, and case studies from different countries to demonstrate the challenges, relevance, and usefulness of having information to improve services for each user.

Side Event Format: in person

Organizers: CopernicusLAC Chile