



Supporting environmental research
with integrated solutions
- **the Earth is our lab**

OPEN FORUM

"Collaboration for an
integrated knowledge of the
Earth system - European
environmental research
infrastructures"

**March 28 | 13:15 - 15:00 | Helsinki Central
library Oodi - Regina auditorium**

JOIN US DISCUSSING THE BENEFITS OF
INTEGRATED EARTH SYSTEM OBSERVATIONS

What?

Stimulating talk introducing the landscape of environmental research infrastructures and benefits of their collaboration

BY ENVRIPLUS COORDINATOR AND ICOS DIRECTOR GENERAL WERNER KUTSCH

Reactions from an invited panel of experts representing different stakeholder groups

RESEARCH INFRASTRUCTURE LEADERS, USERS, FUNDERS AND POLICY MAKERS on EU and national Finnish level

Q & A

BETWEEN THE AUDIENCE AND THE PANEL

Future prospects and needs

OPEN DISCUSSION

Objectives

1. To promote the **benefits of interdisciplinary collaboration** in the context of European environmental & Earth system Research Infrastructures
2. To **highlight the most important results** of four-year cooperation within the H2020 funded ENVRIplus project that brings together 28 environmental Research Infrastructures (Focusing on cost-efficiency, scientific impact, contribution to global challenges etc.)
3. To discuss the **results** from the perspective of different users
4. To discuss the **future perspective and needs** for the interdisciplinary collaboration of European environmental Research Infrastructures

The Open Forum is also a closing session for a four-day event called ENVRI week. ENVRI week ENVRI week hosts ENVRIplus project related sessions as well as several other sessions targeting different groups of stakeholders.

Contact

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What are the Research Infrastructures

The term 'Research Infrastructures' refers to facilities, resources and related services used by the scientific community to conduct top-level research in their respective fields, ranging from social sciences to astronomy, genomics to environmental sciences.

Research Infrastructures in the Environmental research are crucial pillars for environmental scientists in their quest for understanding and predicting the complex Earth System.the efforts.



What is ENVRIplus

ENVRIplus is a Horizon 2020 project bringing together Environmental and Earth System Research Infrastructures, projects and networks together with the technical specialist partners to create a more coherent, interdisciplinary and interoperable cluster of Environmental Research Infrastructures across Europe. Collaboration within the ENVRIplus will enable the multidisciplinary Earth system science across the traditional scientific fields, which is so important in order to address today's global challenges.

Why do we need collaboration?

The Earth is a highly complex system, formed by a large variety of interacting sub-systems, such as the biosphere, atmosphere, hydrosphere, and lithosphere. Our capacity to understand the system is predicted on our capability to observe, analyze and model the subsystems and their interactions. Understanding our environment is, therefore, possible only by using a system approach.

European Environmental Research Infrastructures, with their service provision, especially on the delivery of observational data, play an irreplaceable role in improving our understanding of the system. Most of the pan-European environmental Research Infrastructures are currently being built and some are more mature than others.

In this context, the ENVRI community is a collaborative platform to transcend the well-established and familiar boundaries of disciplines and domains and to work towards a common holistic understanding of the environment as one system. It is a platform where the research infrastructures can work together, to share the knowledge and to develop common solutions at all stages of their development. This, on the other hand, ensures their interoperability, avoids unnecessary costs and duplication of the efforts.

Are you interested?

Join us in

Helsinki Central library

March 28, 2019

13:15-15:00

NO NEED TO REGISTER

Contact us for more information

envriplus-coordination@helsinki.fi