



SPACE DATA FOR SUSTAINABLE TOURISM WITH EMPHASIS ON WATER

ONLINE EVENT: 17 OCTOBER, 10-11.30 (BRUSSELS TIME)

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17TH OCTOBER, 10 - 11.30H (ONLINE)

Programme

- Welcome and a short introduction by NEREUS and a short update on Copernicus4regions by Roya Ayazi, NEREUS-secretary General
- Introduction to space&tourism by **Borja Pickering, Serco for ESA (European Space Agency)**,

Best Practices/examples by companies, start-ups, universities, etc.:

- Water-ForCE: Water Scenarios for Copernicus Exploitation by **Professor Tiit Kutser, University of Tartu**
- SafeTrail (ESA Eo4Alps programme) by **Alexander Kreisel, Head of International Development, GeoVille**
- The Golden Twins – downstream space challenges in the Greek islands by **Betty Charalampoulou, CEO/President Geosystems Hellas S.A.**
- Q&A/ Discussion
- Closing

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Short description of the session: Presentation of the -Water-ForCE- Project whose overarching objective is to develop a Roadmap for Copernicus water services. The idea is to user and stakeholder-driven concept for water services (water quantity, water quality, hydrological parameters, ice, snow, etc.) by assessing the existing and emerging needs, the opportunities presented by the current and future technical capabilities of satellite and in situ sensors, and addressing the current disconnects between remote sensing, in situ observations and modeling communities. For more information refer to the project summary.

SAFETrail is a project of the ESA EO-Alps initiative and aims to prove the feasibility of the provision of near-real-time EO services to support the better management the tourism activities in high mountain areas of the Alps sustainably.



WEBINAR ON SPACE DATA FOR SUSTAINABLE TOURISM WITH EMPHASIS ON WATER SERIES OF ONLINE EVENTS, TIME DURATION: 1,15H

Short description of the session:

The session is part of a series that introduces the participants to the dimension of space technologies for sustainable tourism. Tourism is a large contributor to many national economies; according to statistics before the pandemic, the sector would directly contribute on average with 4.4% of Gross Domestic Product (GDP), and 21.5% of service exports in Organisation for Economic Co-operation and Development (OECD) countries. Given that most NEREUS members have a cultural/natural heritage in their region, SMEs and clusters are particularly encouraged to apply for the call and contribute to breakthrough innovative solutions.

Objectives:

- Better understanding of challenges and needs of public authorities responsible for managing water in tourism destinations and long-term impacts on the territory;
- Explore how satellite technologies can be employed to monitor and manage tourism activities, ensuring minimal impact on water resources. Explore how space technologies have been successfully integrated in water resource management for sustainable tourism;
- Bringing best practices, model use cases and projects to the floor that highlight how space technologies contribute to addressing the challenges of water scarcity and promote sustainable tourism practices; Highlight projects and initiatives that have successfully integrated space technology.
- Discuss the impact of climate change on water availability and its implications for the tourism industry.
- Debate the current state of water scarcity in popular tourist destinations and its impact on the territory.
- Stimulating future stimulate knowledge exchange and sharing innovative solutions to promote responsible and more efficient management of water resources in tourism destinations across Europe;
- Encourage partnerships to build a collective effort towards sustainable tourism practices.
- Discussing the significance of interregional cooperations/ European cooperations between the space industry, tourism sector, and local communities to implement effective solutions.
- Address legislative framework, the role of regional strategies and current environmental legislation on promoting sustainable water management in tourism destinations.