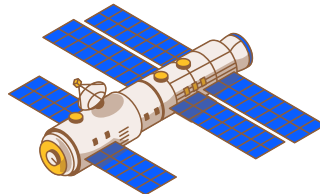




## **SPACE4AGRICULTURE**



**4 APRIL 2025, 11 - 12.30 (BRUSSELS TIME)**

**WEBINAR I: SPACE4AGRICULTURE**

**SERIES OF ONLINE EVENTS**

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## PROGRAMME

Welcome and Opening Remarks by Roya Ayazi, Secretary General of NEREUS

- Presentation of the new FAO/UNOSA Report “Leveraging Space Technology for Agricultural Development and Food Security” by Livia Peiser, Food and Agriculture Organization of the United Nations (FAO);
- Downstream innovation in agriculture through Horizon Europe: the EUSPA experience by EU Agency for the Space Programme (EUSPA);
- Showcasing Best Practices and Success Stories

Presentations by companies, start-ups, universities, and other stakeholders:

- Example from Wallonia: Grasslands monitoring in Wallonia (Belgium) using Sentinel 2 images, Cozmin LUCAU – DANILA, Senior Researcher - Wallon Agricultural Research Centre (CRA-W), Belgium

- Example from Apulia: Crop water needs estimation in the irrigation consortium of Capitanata using an integrate approach of CROPWAT and Sentinel-2, Pietro SCIUSCO, Senior Technical Specialist Geoservices, Planetek Italia

- Q&A and Open Discussion
- Closing Remarks

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## PROGRAMME

### **Short description of the session:**

This session will focus on the latest FAO/UNOSA report featuring the impact of space technologies on the development of the agricultural sector and safer food production. “It underscores the transformative potential of space technologies in enhancing agricultural productivity and ensuring food security amid global challenges. The document advocates for collaborative approaches integrating advanced technologies while addressing associated risks, particularly space debris. It is structured into three segments: the upstream segment focuses on developing vital space infrastructure, highlighting pivotal Earth observation missions like Landsat and Copernicus, which provide crucial data for precision farming; the midstream segment addresses the importance of data management and spatial data infrastructure (SDI), emphasizing frameworks like the UN-IGIF for improving data accessibility and quality; finally, the downstream segment discusses practical applications of satellite data in agriculture monitoring and management, showcasing platforms such as the FAO Hand-in-Hand Geospatial Platform to facilitate information exchange.”

NEREUS is a European network of regions, currently comprised of 23 Member regions and 37 Associate members (including space clusters and companies). NEREUS is the only European association that represents the interests of European regions and their stakeholders (companies, clusters, etc) using space technologies while simultaneously highlighting the regional dimension of European space policy and programmes.

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