



Advancing Environmental Monitoring: State-of-the-Art Technologies, Collaborative Initiatives, Standardisation, and Best Practices

Workshop Agenda

28 June 2023, 14:00 - 15:30

Join [Zoom Meeting](#) | Meeting ID: 889 4587 1546 | Passcode: 515451

An interactive session for questions and discussion aimed at exploring recent advancements in ICT-enabled EO-based environmental monitoring. This session will focus on integrating principles of EO data sharing, management, and ICT technologies to enhance environmental support in Europe, while also emphasizing the importance of standardisation in environmental monitoring practices. Through a state-of-the-art review, discussion on agri data models and sharing approaches, collaboration with EU initiatives, examination of standardisation efforts, and analysis of best practices, participants will gain insights into the latest developments in environmental monitoring and explore effective strategies for leveraging technology, collaboration, and standardisation to address environmental challenges.

14:00 - 14:05: Introduction and Welcome

Speaker: Maja Fišić, InoSens [Workshop Organizer]

14:05 - 14:10: Keynote Presentation

Speaker: Farhan Sajito, PRIVANOVA SAS [Expert from the Standardisation Sphere]

14:10 - 14:25: Perspectives from the Space Agencies

Speaker: Representative from the European Space Agency (EASA) or Copernicus [To be announced]

14:25 - 14:50: ENVISION Project Insights

a) Overall Architecture

- Speaker: Ifigeneia Tsioutsia, AgroApps [ENVISION Project Manager]

b) Presentation on the LEAF Marque Standard and Integration of ENVISION Services

- Speaker: Abbigail Holman, LEAF

14:50 - 15:05: Insights from MEF4CAP

Findings of MEF4CAP regarding the utilization of digital technologies for monitoring CAP indicators, Nikos Kalatzis, Neuropublic

15:05 - 15:25: Panel Discussion

An interactive session for questions and discussion aimed at exploring recent advancements in ICT-enabled EO-based environmental monitoring, with a specific focus on integrating principles of EO data sharing, management, and ICT technologies to enhance environmental support in Europe.

15:25 - 15:30: Closing Remarks

Speaker: Maja Fišić, InoSens [Workshop Organizer]



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Tentative Questions for Panel Discussion:

1. How can standardisation initiatives help bridge the gap between Earth Observation (EO) and environmental monitoring practices?
2. What are the current challenges in integrating EO data sharing and management principles into environmental monitoring processes?
3. In your opinion, what are the key advancements in ICT-enabled EO-based environmental monitoring that have significantly impacted standardisation efforts?
4. How can collaboration between space agencies, standardisation experts, and environmental monitoring stakeholders enhance the development and implementation of standardised practices?
5. What are the potential benefits and drawbacks of integrating the LEAF Marque Standard with ENVISION services? How can standardisation support this integration?
6. In the context of digital technologies for monitoring CAP indicators, what are the key findings and recommendations from MEF4CAP?
7. How can digital technologies and ICT solutions facilitate the effective sharing and utilization of environmental monitoring data across different stakeholders and domains?
8. What strategies and best practices can be implemented to ensure interoperability and harmonisation of environmental monitoring systems and technologies?
9. How can standardisation efforts and ICT-enabled solutions contribute to the achievement of sustainable development goals related to environmental monitoring?
10. What are the potential barriers or challenges in adopting standardised practices for EO-based environmental monitoring, and how can they be overcome?