

GEO 2021 Virtual Symposium

Session Proposal Form

Session Title : Contribution to EuroGEO: Developing a conducive environment to develop Earth Observation operational services through the e-shape project

Session Description

e-shape (EuroGEO Showcases: Application Powered by Europe) is the flagship project of the European Commission to sustain the activity of the EuroGEO initiative within the Group on Earth Observations. This GEO Regional Initiative is centered around the shift from a data centric approach to an user centric approach and to the development of operational EO services exploiting all types of EO data (satellites, in-situ measurement and models). e-shape allows Europe to position itself as global force in Earth observation through leveraging Copernicus, making use of existing European capacities and improving user uptake of data from European assets in the GEO context.

e-shape vision is to develop operational services with and for the users and to create a conducive environment whereby the strengths of Europe are exploited towards addressing societal challenges, fostering entrepreneurship and supporting sustainable development

In this session, we will present the general context of this change in the European Context. A general presentation of e-shape will allow to capture all the strategic outputs for the EO community. A new co-design approach defined in the aim of developing operational services with and for the users will be exposed with real use cases results. In e-shape 32 pilots are under development and supporting and exemplifying our general methodology. Then the subject of reproductibility of all essential elements to develop successful Earth Observation application will be explored. Finally, the users' uptake, the scalability and the upscaling tools allowing to have successful and sustainable operational EO services will be presented and discussed. A return of experience in all the work achieved will be done by the different presenters

Proposed Speaker(s) and Moderator(s)

(Please include the full name and email address of each speaker and the moderator, as well as the titles of short presentations, if applicable. For Parallel Sessions, please allow at least 30 minutes for discussion).

Moderator and co-moderator: Prof. Thierry RANCHIN and Mr. Erwin GOOR

Speakers:

1. The EuroGEO initiative and future support within Horizon Europe' by Mr. Erwin Goor or Jean Dusart
2. e-shape (EuroGEO Showcases: application powered by Europe) contribution to EuroGEO and to the development of the EO industry by Prof. Thierry RANCHIN
3. How to develop a pilot for and with users? Co-design to grow an ecosystem of efficient service designers by Mrs. Raphaëlle BARBIER
4. 'Looking for reproductibility for Earth Observation Applications at the abstract level by Dr. Marie-Françoise VOIDROT
5. Scaling of EO solutions: common pitfalls, success factors and the e-shape proposition by Mr. Eleftherios Mamais