



1st Panel Users needs perspective “Setting the vision: Future users needs/ perspectives is at the core of all”

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Panel 1:

Users needs perspective “Setting the vision: Future users needs/ perspectives is at the core of all”



Moderator: Giuseppe Ottavianelli (ESA)

Panel:

- Samy Djavidnia (Senior Project Officer , EMSA)
- Antonio Reppucci (Coordinator of Earth Observation Data, MERCATOR OCERAN)
- Stephen English (Head of the Earth System Assimilation Section, ECMWF)
- Michelle Hermes (Policy Officer, EARSC)
- Johanna Tamminen (Professor at the Finnish Meteorological Institute)
- Gabriele Redigonda (Research Fellow and Lead on Green and Sustainable Societies, ESPI)
- Peter Strobl (Scientific Officer, JRC)
- Rosemary Munro (LEO programme scientist, EUMETSAT)

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- At EMSA, Mercator Ocean and also at the EEA as well as via the CLMS, you are **all** direct end-user of EO data for your own tasks and at the same time provider of services towards other external downstream stakeholders. **What are the key challenges and long-term future opportunities that you see across your two roles?** (e.g., to attract new end-users, the operational adoption of EO solutions, the constant evolution of the technology) ?
- In the framework of global numerical weather/climate forecasts, and the prediction of other ocean/land variables, **how are the end-user needs driving your long-term planning of investments?** (e.g., computational power, multi-missions system-of-system approaches, simplified access to final knowledge) :
- Today, there are emerging commercial and institutional users that are key stakeholders in the environmental and development policies, climate change matters, civil security and defence. These users may include specific industrial verticals, as for example insurance companies or public competent authorities. From the perspective of EARSC and ESPI, **how are these different user communities in practice going to shape the future evolution of EO upstream and downstream services?**
- Today we have Science driven missions (ESA Explorers/Scouts/Phi) and Meteorological missions, Copernicus Sentinels and the rapidly growing commercial sector. The downstream sector is also rapidly evolving, also leveraging cutting edge ICT solutions. **What do you think is the key opportunity that Europe should seize to boost it capacity in the EO sector in the long-term?**

