

Galaxy Europe

An IT infrastructure for FAIR data analysis

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Galaxy for
SCIENTISTS



Galaxy for
TRAINERS



Galaxy for
TOOL AUTHORS



Galaxy for
DEVELOPERS



Galaxy for
ADMINS



ELIXIR-recommended infrastructure emphasizing on interoperability and FAIR data analysis.



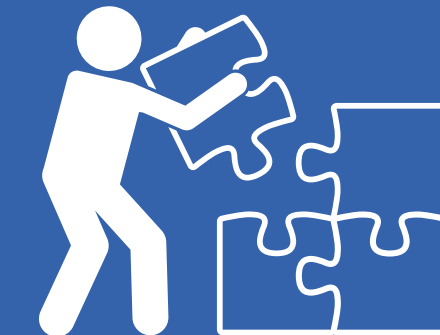
web free
access



90,000+ users



3,000 tools for data
access and processing



Visual UI to design
analytical workflows



High performance computing
250 GB+ per user

Galaxy Europe contribution to EOSC

Web of FAIR data

Galaxy workflows, analyses, and histories are fully reusable and easily shareable, ensuring reproducibility and collaboration across research projects.

Skills & Trainings

- > 400 tutorials cover FAIR data principles, tool and workflow usage, and platform navigation.
- Training Infrastructure as a Service (TlaaS) supported 17,000 participants to date.

Scientific & Societal benefits

- Easily accessible and usable, Galaxy doesn't require any programming skills
- Galaxy provides access to JupyterLab or RStudio for integrated data analysis and visualization.

EOSC contribution to Galaxy Europe

EOSC | FAIR-EASE

An interdomain digital architecture for the integrated use of environmental data

EOSC | AquaINFRA

A research data infrastructure for marine and inland waters

EOSC | EuroScienceGateway

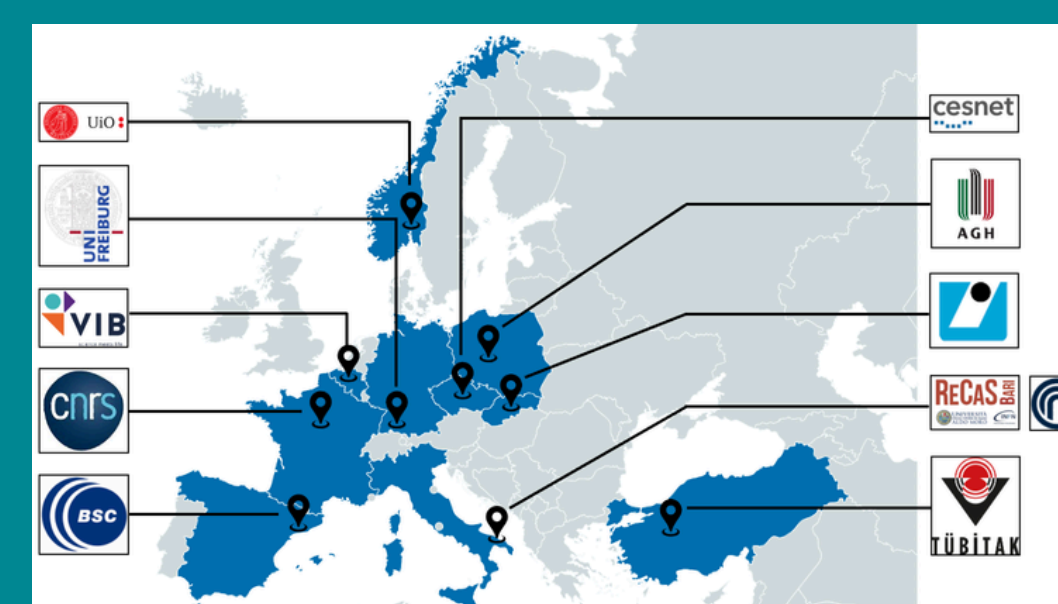
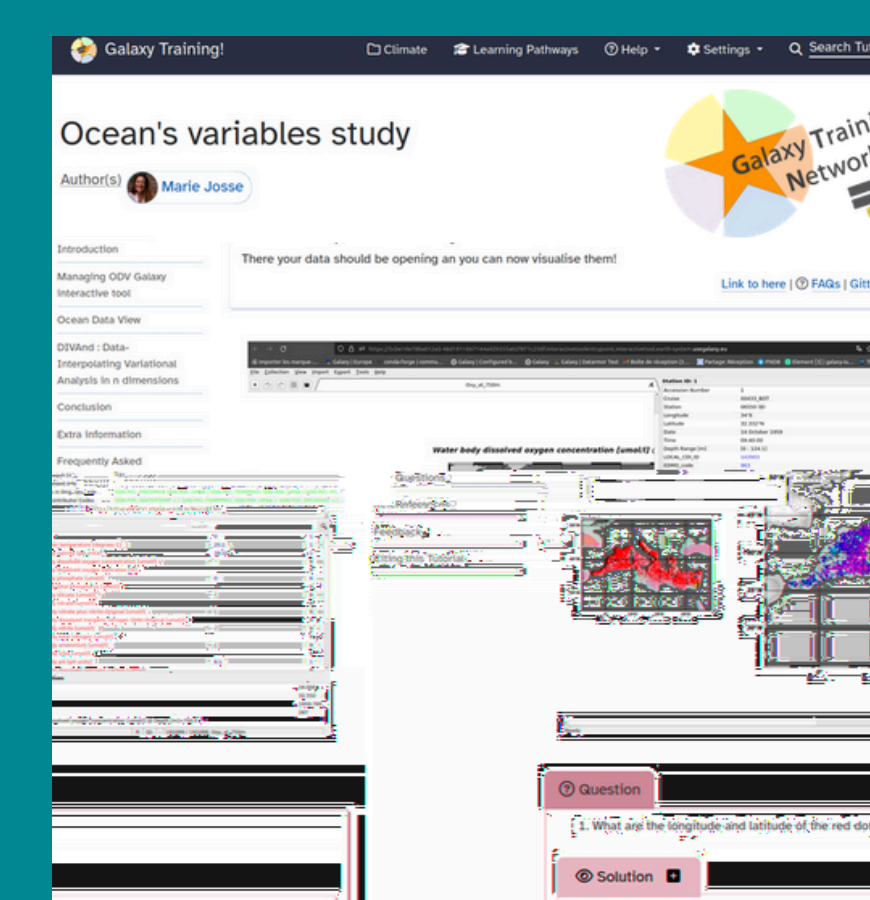
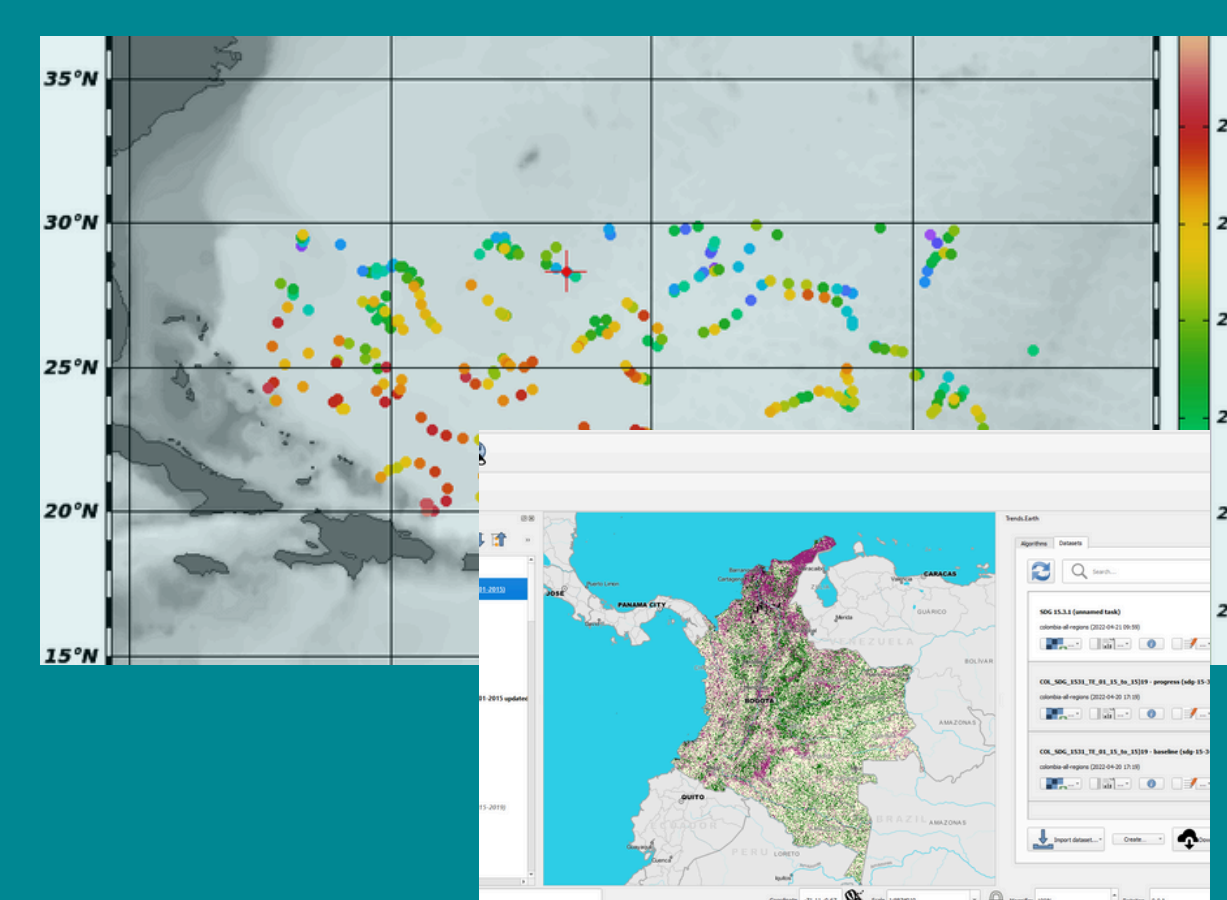
Robust open infrastructure for data-driven research

Support marine, fresh water, soil, land and volcano communities

Thematic

- Tools
- Satellite and in-situ data
- Workflows
- Tutorials

8 compute local nodes for efficient access and process



- Integrate standards
- Gateways to popular registries



Where to start ??



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