

# OSCARS

Open Science Clusters' Action  
for Research & Society

## Funded Project

# GOYAS: A FAIR-by-Design System for Innovative Remote-Sensing Data Products

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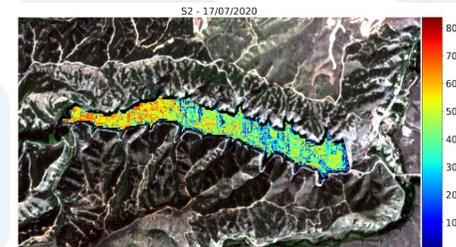
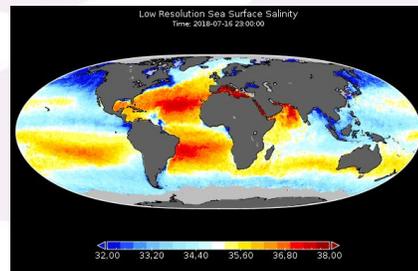
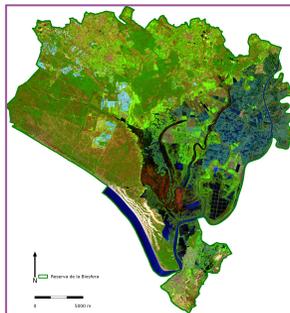
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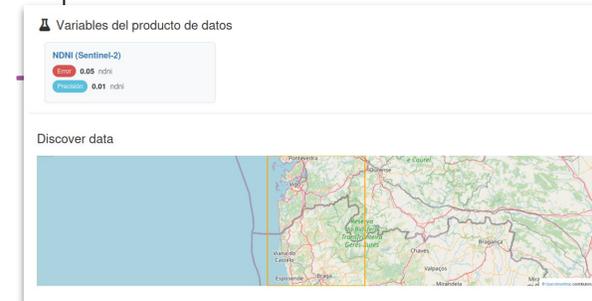
## What problem(s) did you plan to solve?

- Problems to publish experimental, eventual or local remote-sensing-derived data products.
- Extra effort to make data FAIR
- Problems in reproducibility of remote-sensing data
- Lack of visibility of some data products
- Data trackability



## What have you done to solve the problem?

- Customized Data System: Geonetwork (custom) + Geoserver Pipeline
- Easy to ingest
- FAIR-by-design: Data pipeline to produce rich metadata (based on a simple file)
- Focus on transparency: Error, accuracy, provenance
- Demonstrator based on Jupyter
- Validation and PID minting (EOSC-Beyond).



## What are the key results achieved to date and how have you made them available to the broader community?

- System deployed at [goyas.csic.es](https://goyas.csic.es)
- Pipeline and customized Geonetwork available at 
- Connection with “Alianza Observa” - Excellence network
- Events: EOSC-ES, EGU 2025-2026, EOSC-Beyond, RDA 2025, International Data Week, AET 2026, etc.
- Papers: 1 published, 4 under review, few planned
- Demonstrator to connect to the system
- ENVRI to increase visibility



## How will make your results sustainable over time - How will the scientific community/-ies further exploit them?

- Looking for structural funding - Alianza Observa - Distributed data center
  - Checking EOSC integration
  - Enhancing community
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# TEAM

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