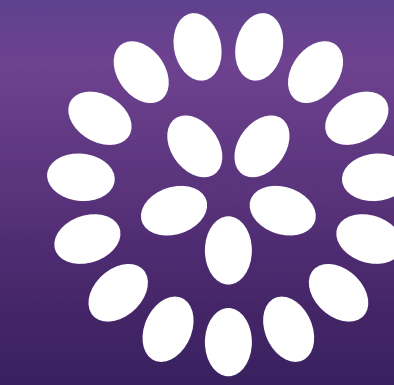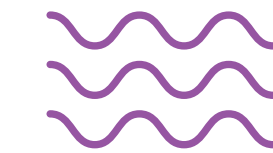# GOYAS – Geospatial Open-science Yielding ApplicationS: innovative and FAIR emote-sensing data

OSCARS
Open Science Clusters' Action for Research & Society

ENVRI
Environmental Sciences

The GOYAS project aims to establish a robust data management system that supports the lifecycle of experimental and discontinuous remote-sensing products, facilitating their integration into the EOSC to enhance their accessibility and reproducibility across various research domains.

Challenge

Remote sensing data must be accompanied by adequate metadata and documentation to make it effectively FAIR throughout its lifecycle.
Current gaps in data management hinder the broader application of novel methods across research and environmental domains.

Solution

GOYAS will establish a FAIR data system to manage the entire lifecycle of experimental or discontinuous remote-sensing products. This includes preprocessing original data sources to generate derived products, publishing FAIR (meta)data, and connecting these outputs to EOSC resources to facilitate analysis, interoperability, and reuse.

Scientific Impact

The scientific impact of the GOYAS project lies in its ability to fill critical gaps in the accessibility and reusability of high-value remote sensing data, addressing the needs of diverse stakeholders across academia, industry, and government.

Partners

IFCA-CSIC (Physics Institute of Cantabria) , ICM-CSIC (Marine Science Institute), EBD-CSIC (Doñana Biological Station), ICMAN-CSIC (Marine Science Institute of Andalusia), Spanish National Research Council.

https://bit.ly/OSCARS-fundedproject-GOYAS