EUMETSAT

PROGRAMME OF THE EUROPEAN UNION

Copernicus
Europe's eyes on Earth

Data Store Access & EUMETSAT Data Access Client.

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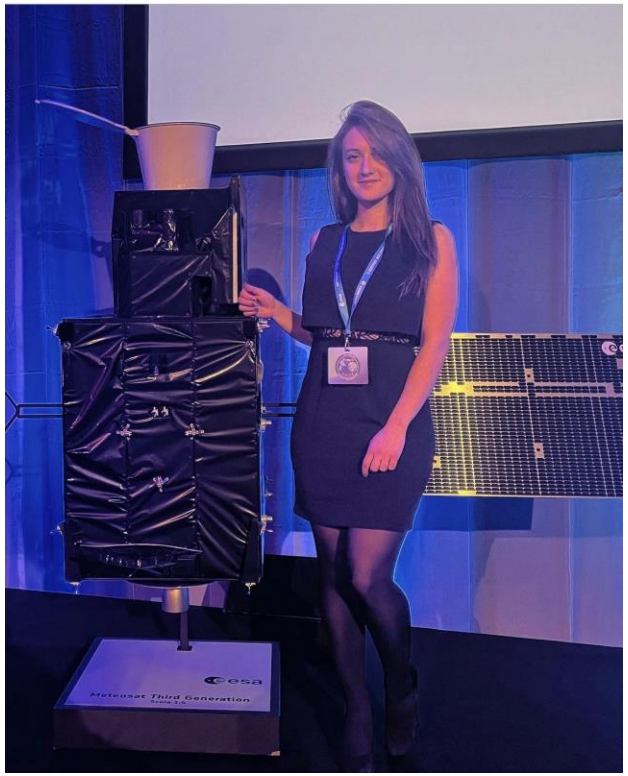
29th March 2023

Trainer introduction

- Noemi Marsico
- Earth Observation Data Engineer for Innoflair on external contract with EUMETSAT
- By education: Hydrologist and Hydrogeologist
- Focused on optical remote sensing applications
- Master's thesis on the evaluation of Suspended Particulate Matter and Chlorophill-a through OLCI and MODIS sensors
- *In situ* validation



Agenda

Data Store

Learning how to download data from the EUMETSAT Data Store

-theory

-demonstration

EUMDAC

Using EUMETSAT Data Access Client to explore and download collections

-theory

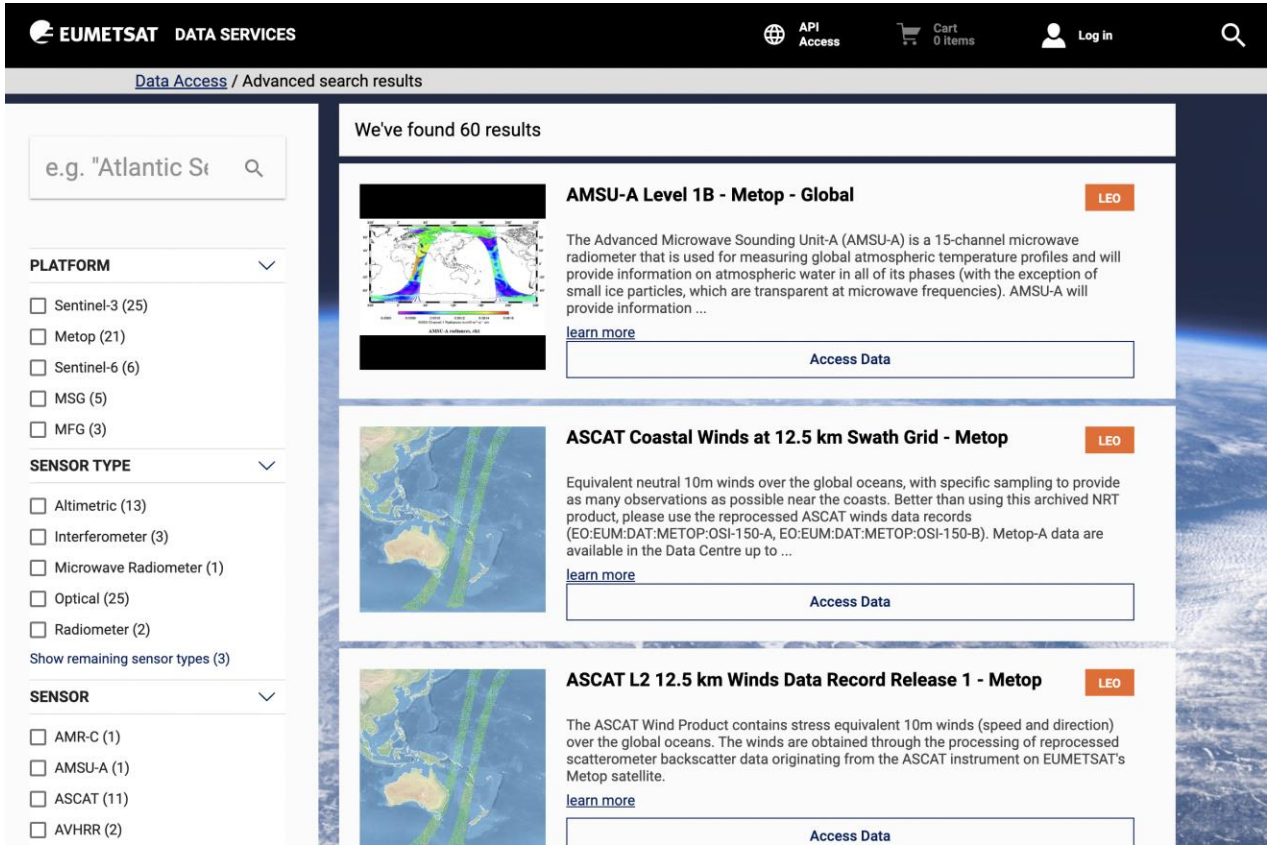
-demonstration

Data Store

We have a GUI and APIs!!

- It is a single point of access to EUMETSAT Data
- Data from:
  - Meteosat 1st generation
    2nd generation
  - Meteop: 1st generation
    2nd generation
  - Copernicus mission: Sentinel-3 to 6
- Data on demand

You don't have to place orders!



Demonstration

EUMETSAT Data Access Client

To use the services programmatically

- It is a simplified python library
- A piece of software built to simplify EUMETSAT Data download
- Its data are those included in all EUMETSAT Services.

We have a CLI that does not require installation!

But you can also download it on your Python/Conda etc. environment

Demonstration

Useful links

EUMETSAT Website: https://www.eumetsat.int/

Data from Copernicus in the Data Store: https://eumetsatspace.atlassian.net/wiki/spaces/DSDS/pages/1891368961/Sentinel-3+Catalogue

Knowledge bases Data Store: https://eumetsatspace.atlassian.net/wiki/spaces/DSDS/overview

Direct link to Data Store catalog: https://data.eumetsat.int/

Knowledge base EUMDAC: https://eumetsatspace.atlassian.net/wiki/spaces/EUMDAC/overview

Knowledge base Data Tailor: https://eumetsatspace.atlassian.net/wiki/spaces/DSDT/overview

Registration to the new Data Access Service training on Customization of Sentinel 3 products with data tailor: https://eumetsat.zoom.us/webinar/register/7616728376488/WN_wta4RXKoTIGRlPhLQzoqrA

Jupyter Notebook on Sentinel 3 data: https://gitlab.eumetsat.int/eumetlab/oceans/ocean-training/sensors/learn-olci/-/blob/main/2_OLCI_advanced/2_1_OLCI_advanced_data_access_eumdac.ipynb

Training material from previous Data Access Trainings: https://training.eumetsat.int/course/view.php?id=436

Thank you!

Questions are welcome.