

MAAP-PAL Challenge Example Workflow

Multi-mission Algorithm and Analysis Platform (MAAP) - Product Algorithm Laboratory (PAL)

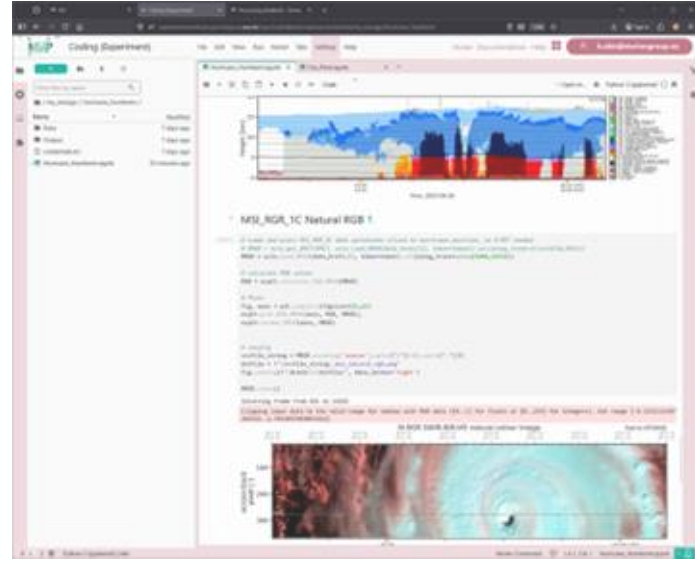
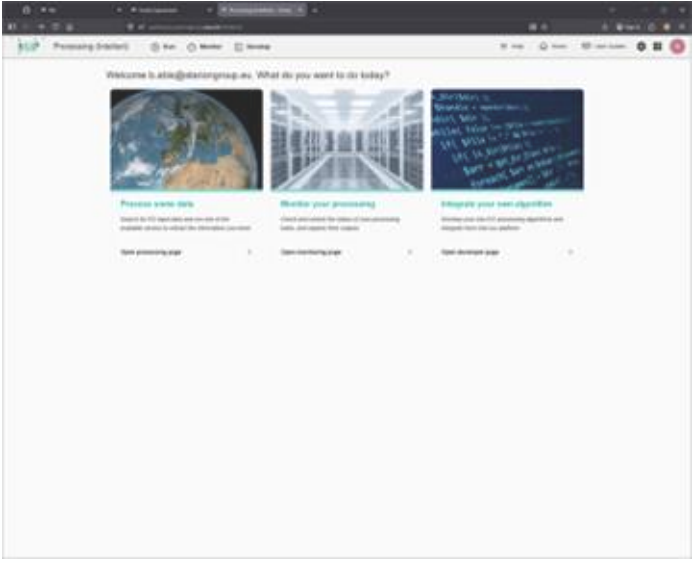
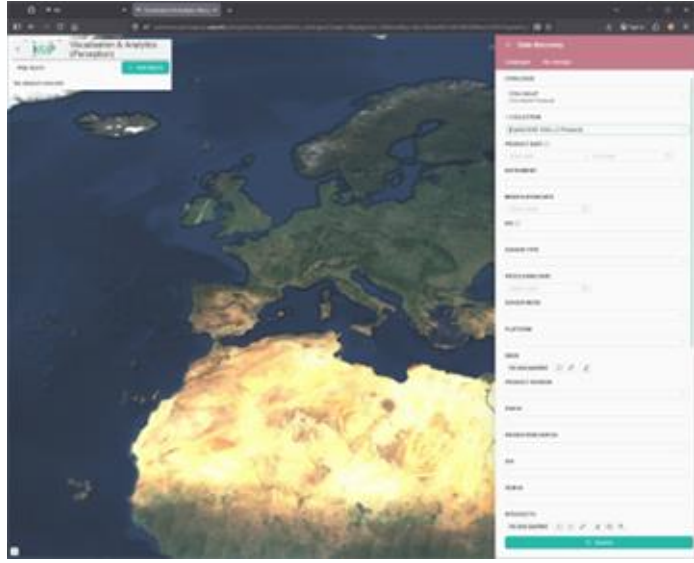
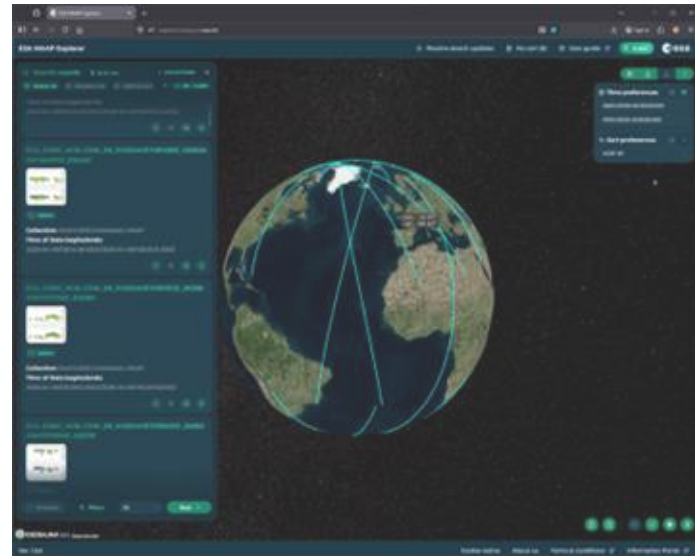


MAAP-PAL platform



Within the EarthCARE MAAP, users have access to

- **Explorer:** the official ESA EarthCARE data dissemination service
- A collaborative environment, the PAL consisting of three main components:
 - **Perception:** for visualisation and analytics
 - **Intellect:** for ad-hoc systematic processing with custom algorithms and processors prototypes
 - **Experiment:** a JupyterLab instance for coding with access to the STAC catalogue and to dedicated libraries





MAAP-PAL challenge



After registration

- include a short paragraph explaining **which component(s) of MAAP-PAL is used** and in what way
- submit your analysis scripts and PDF file of the presentation by 4 Jun **for jury evaluation**

The competition:

- Poster and oral presentations are **judged separately**
- **Two favourites** (one per category) selected by the jury **receive a prize each**

Evaluation criteria (the jury will look at the MAAP application rather than scientific value):

- to what **extent** the MAAP-PAL **capability is exploited** in the work
- the **potential** of further MAAP-PAL **exploitation or MAAP-PAL improvement** resulting from the work

A **participation gift** is prepared by the organizers for all entries meeting the challenge requirements

<https://www.earthcare-science-validation-2026.org/maap-pal-challenge>





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