

# Introduction to Earth Observation data analysis using openEO Platform

A collaboration of OpenEO Platform and C-SCALE

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## What is openEO Platform?

#### DATA COLLECTIONS

Below you can find a selection of our major data collections. You can also browse through <u>all available data collections</u>



-> openEO Platform provides intuitive programming libraries to process a wide variety of Earth Observation datasets.

openEO Platform Editor <sup>0.11.0-rc.1</sup>
₽ Search
► Collections (76)
► Processes (143)
► UDF Runtimes (2)
<ul> <li>Export File Formats (6)</li> </ul>

## -> Run your earth observation analysis on our federated infrastructure!

#### **Client Libraries**



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## "Use Cases" from the community



#### River discharge from Sentinel 2 imagery









#### What we will teach you

- Morning Session (09:00 12:00 UTC+1)
- Open to anyone! (unlike mentioned on the website)
- Introduction into openEO and definition of processing graphs
- How to sign up & get free resources for your research
- Afternoon Session (12:00 16:00 UTC+1)
- C-SCALE Usecase demonstration Aquamonitor
- Hands-on training for 20 participants with 4 trainers
- Free and open for visitors

#### **Questions? Comments? – Get in touch!**

### Thank you for your attention!

#### -> SIGN UP HERE:





https://openeo.cloud/



https://c-scale.eu/

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