

Time to hack—let's code!



Hackathon : Earth Observation for Drought Monitoring octobre 2025

Goal: Map drought, monitor crop stress, track vegetation, and forest changes using EO data

Participants: Students, data scientists, environmentalists, GIS experts

Data:

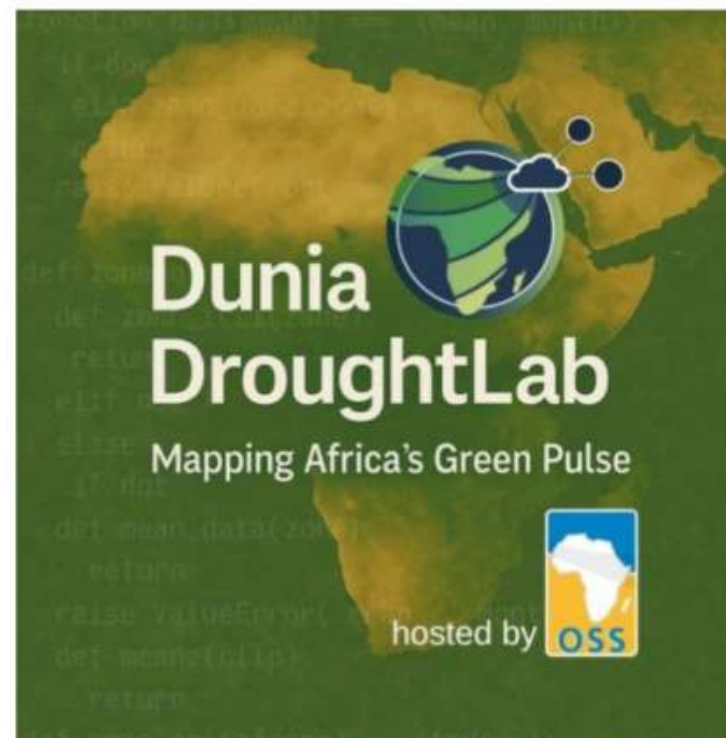
- Satellites: Sentinel, MODIS, etc
- Platforms: Dunia platform
- Libraries: python

Deliverables: interactive maps, predictive model, alerts

Impact:

- Early warning systems & sustainable agriculture solution
- Real-world climate action engagement
- Most innovative map, best predictive model, highest impact solution

Mustapha Mimouni



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Timeframe

2nd of October

-



Kickoff

30th of October

-



Team Presentations

31st of October

-



Winners Announced

Submit results to schmid@geoville.com



Evaluation Criteria

GeoVille esa

20 pts

- Effective Utilization of Dunia
- Compliance with the Challenge
- Innovation and Technical Excellence

10 pts

- Scalability & Replicability
- Method Design & Implementation Quality
- Performance & Accuracy