## OPEN DATA CUBE

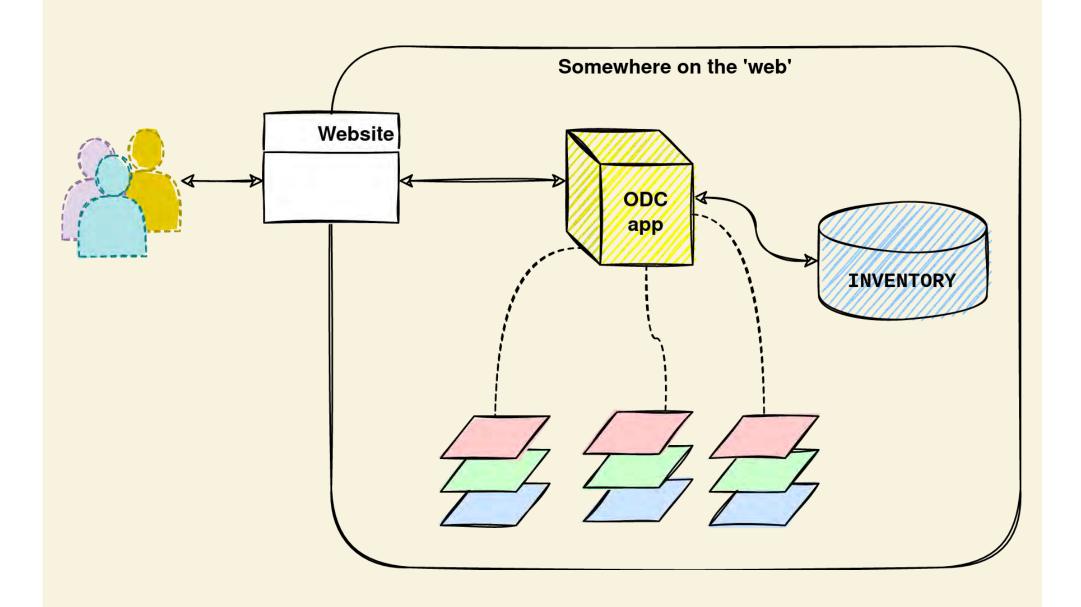
Een aardobservatie engine die je kunt bezitten.

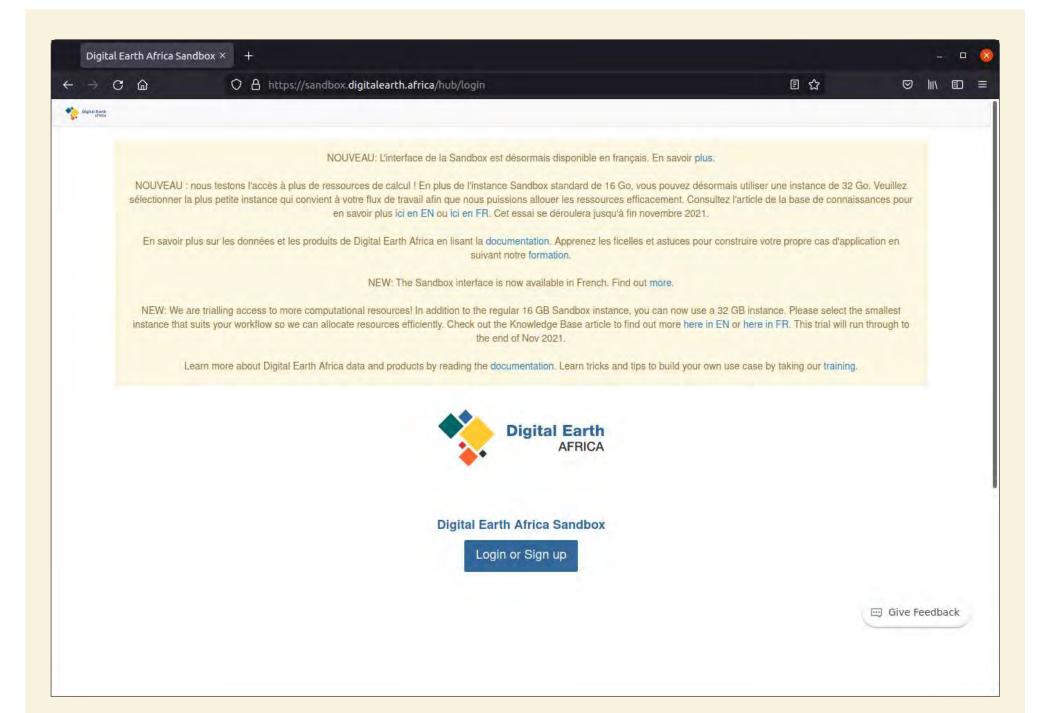
**Aron Gergely** 

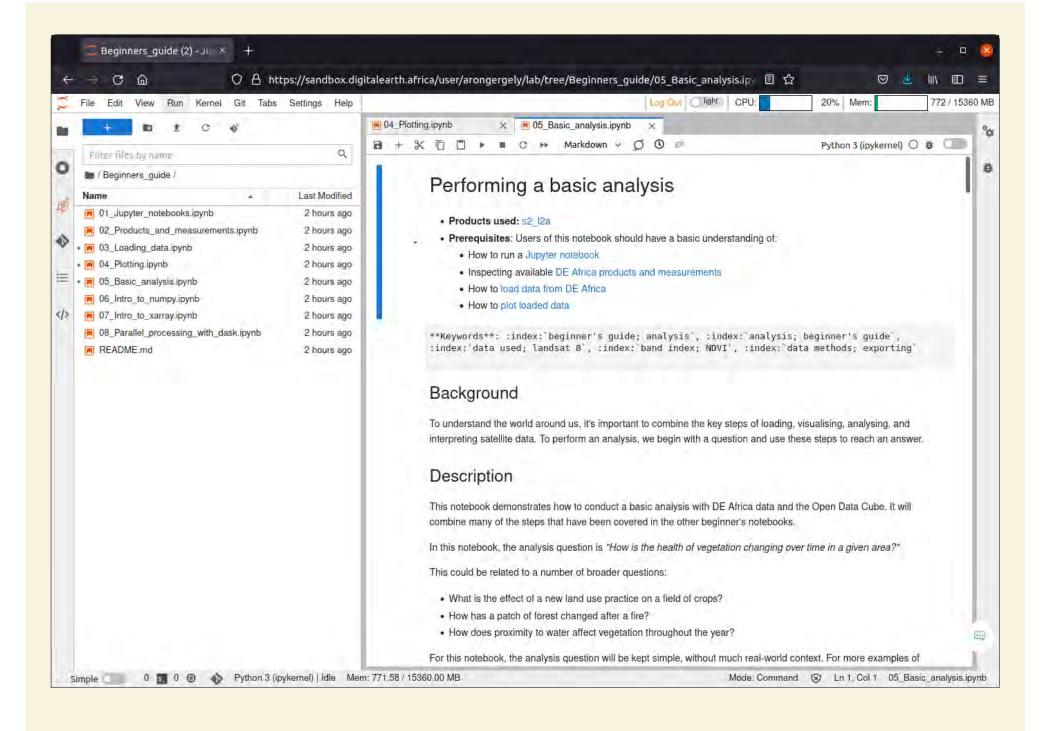
### WAT IS ODC?

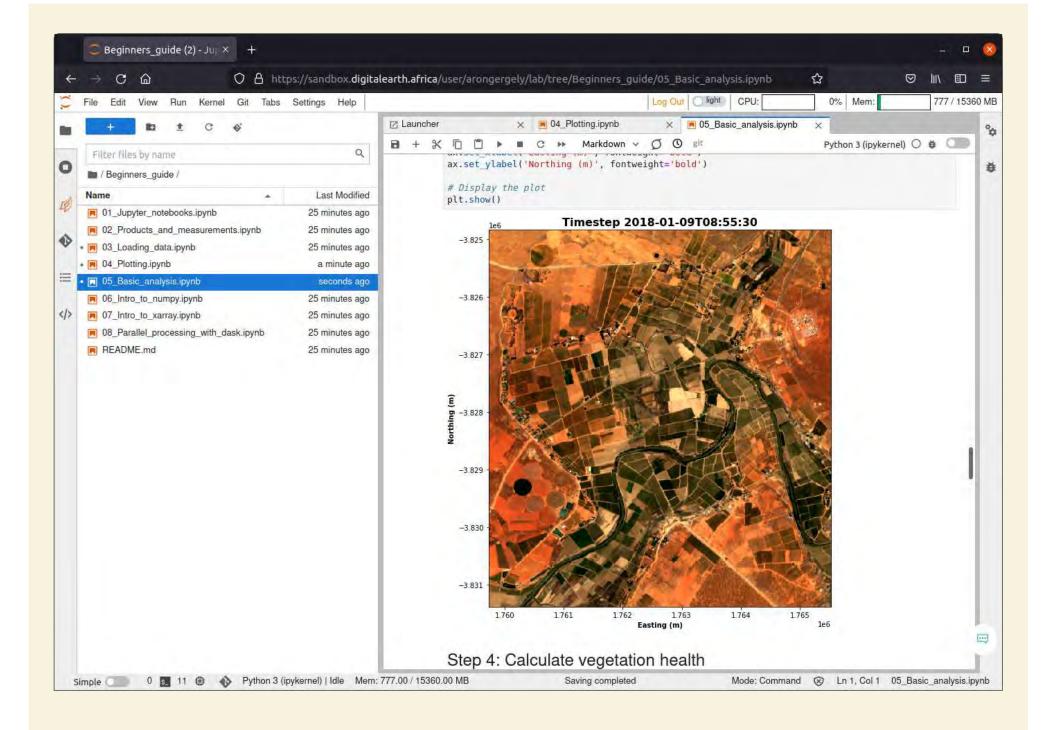
"A Python library that facilitates working with large volumes of raster data"

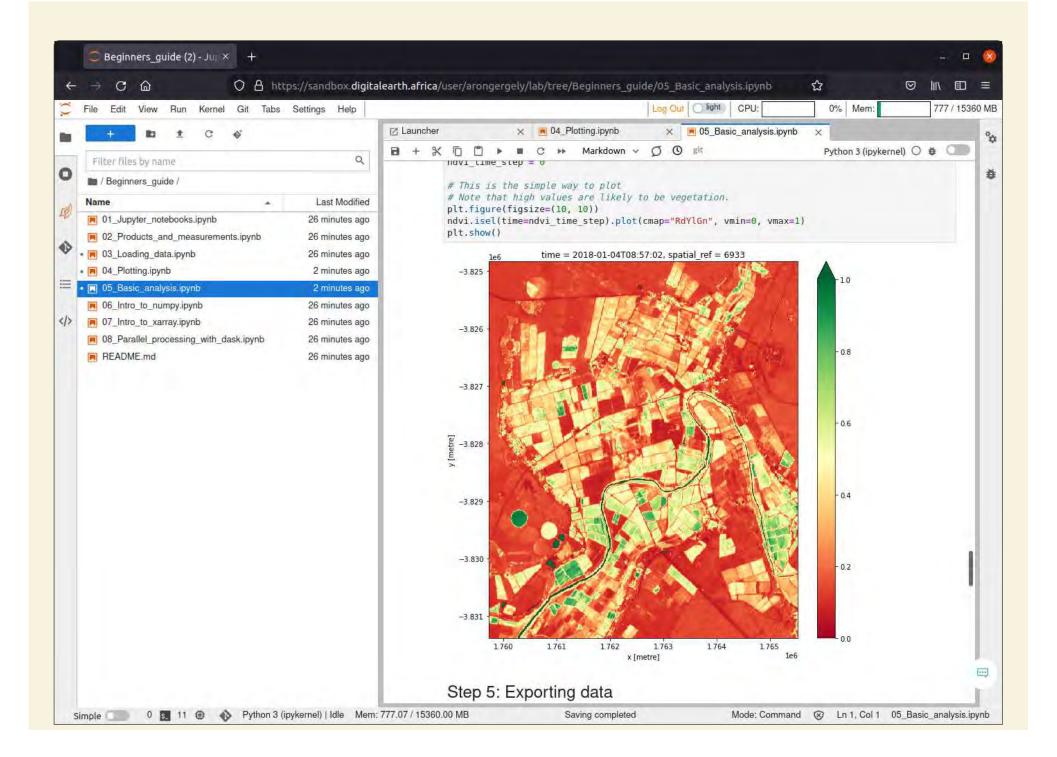


















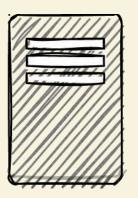
## WHY SHOULD I CARE?

## WHO IS IN CHARGE?

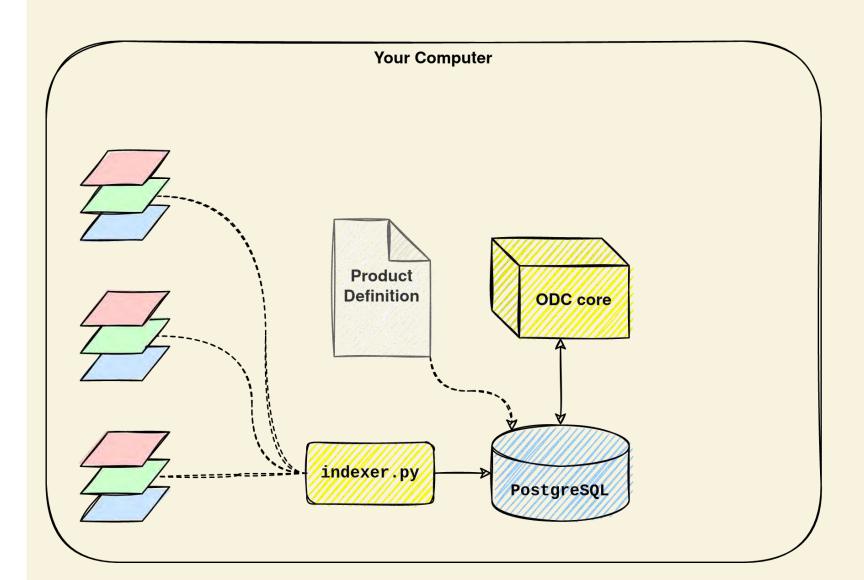
# FREE

# SET UP YOUR OWN

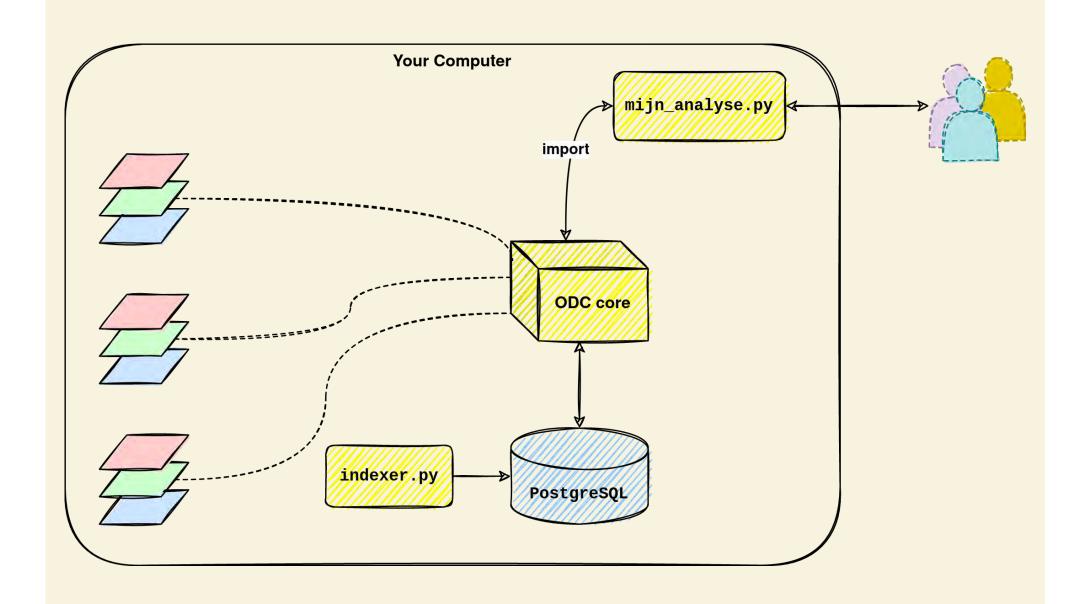


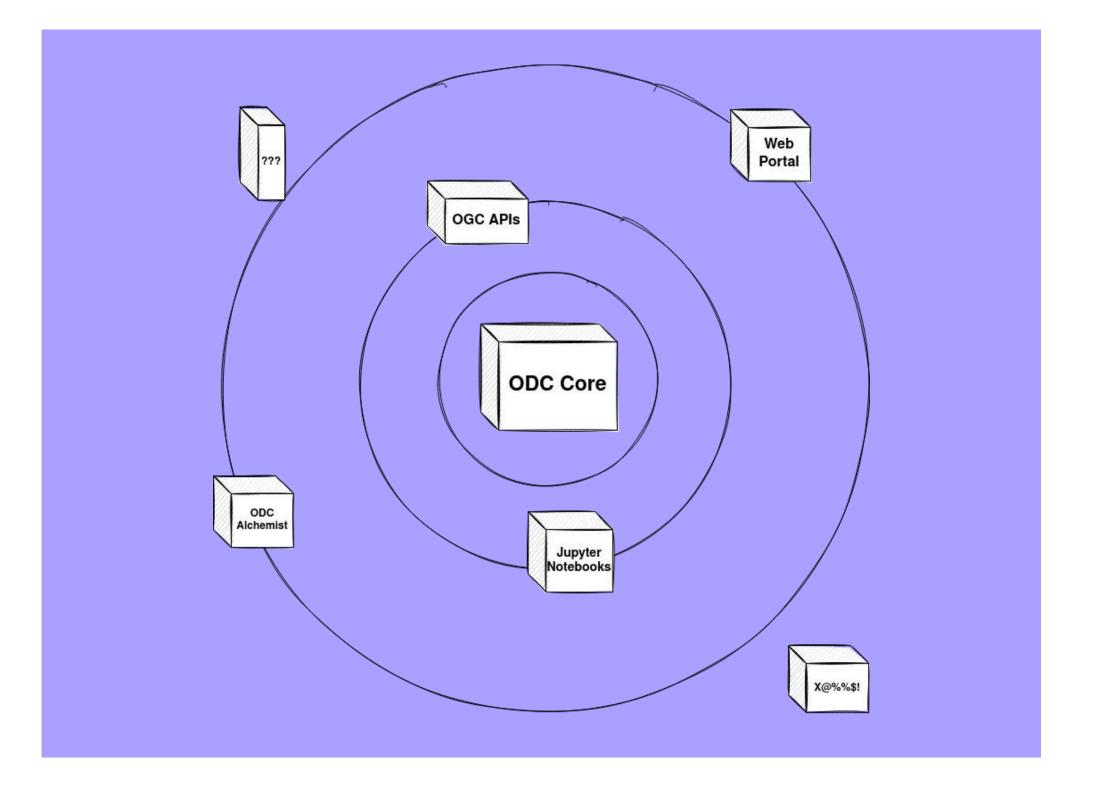


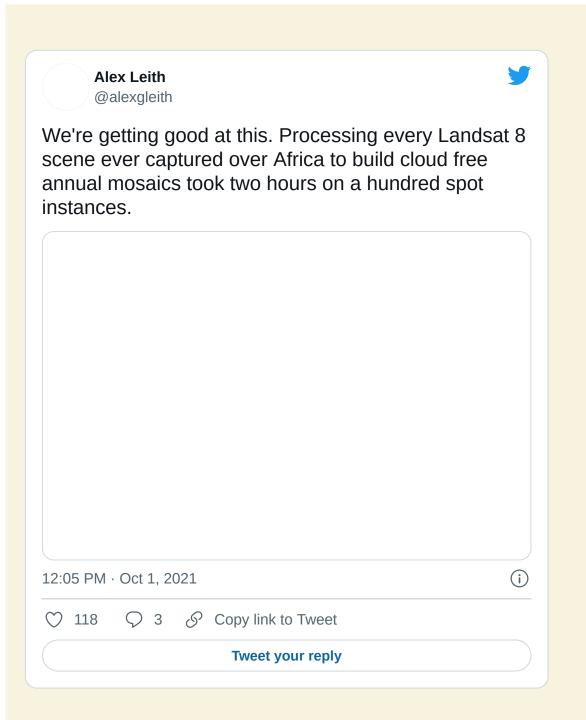










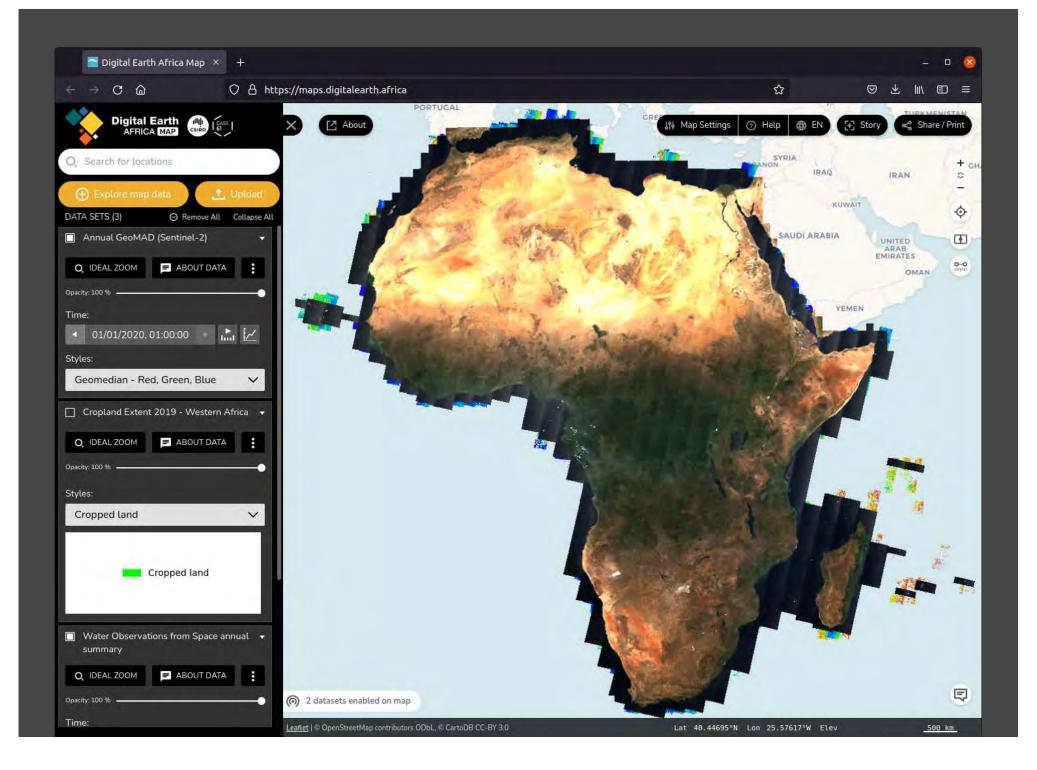


### **ODC AROUND THE WORLD**

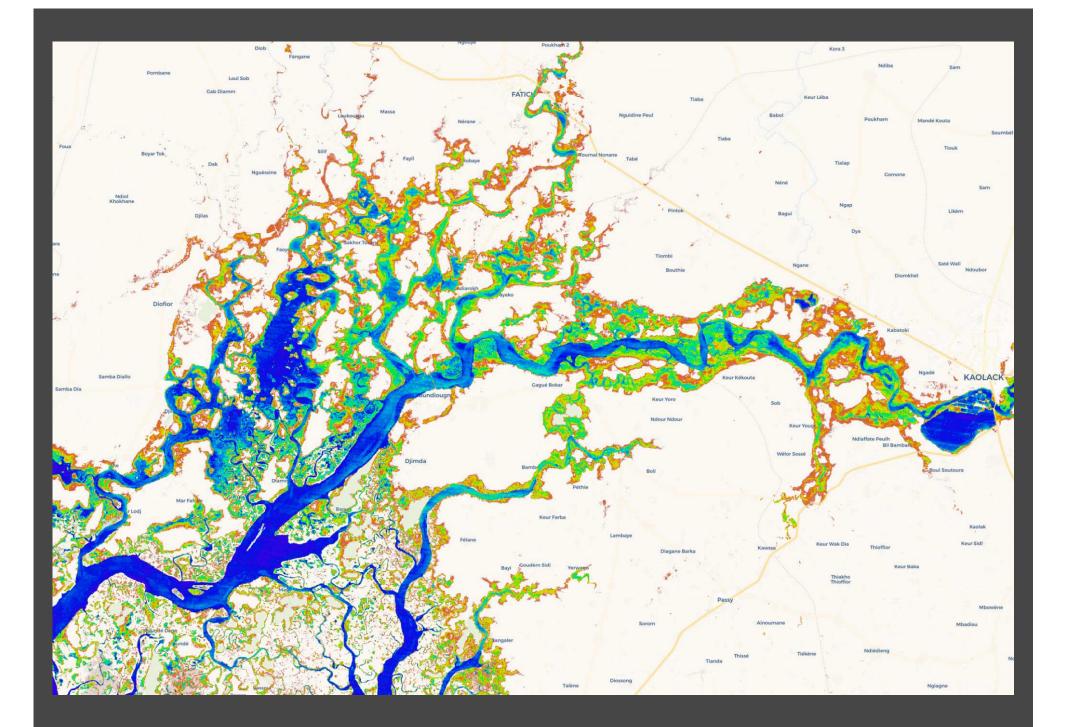


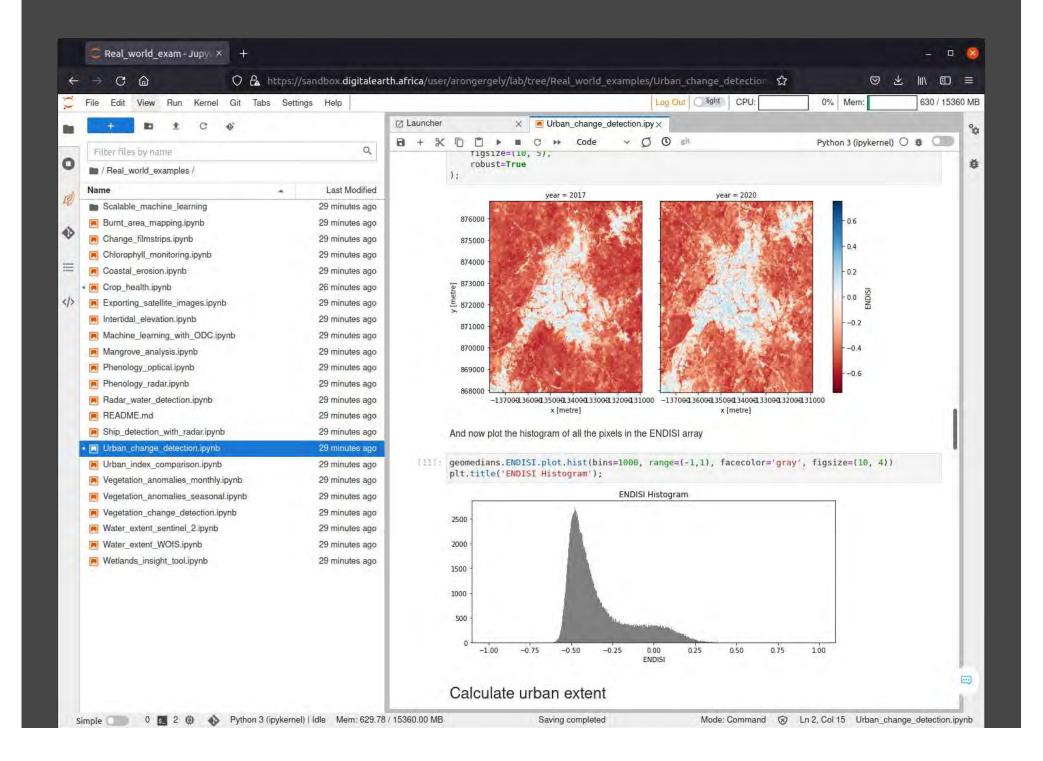
### **DIGITAL EARTH AFRICA**

https://www.digitalearthafrica.org/





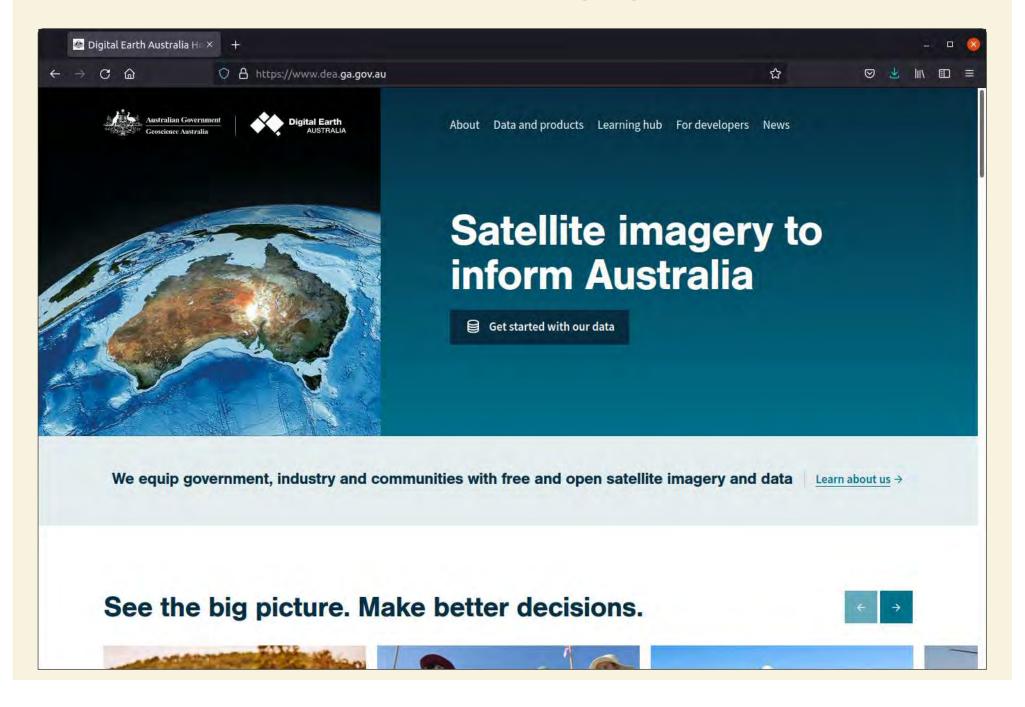






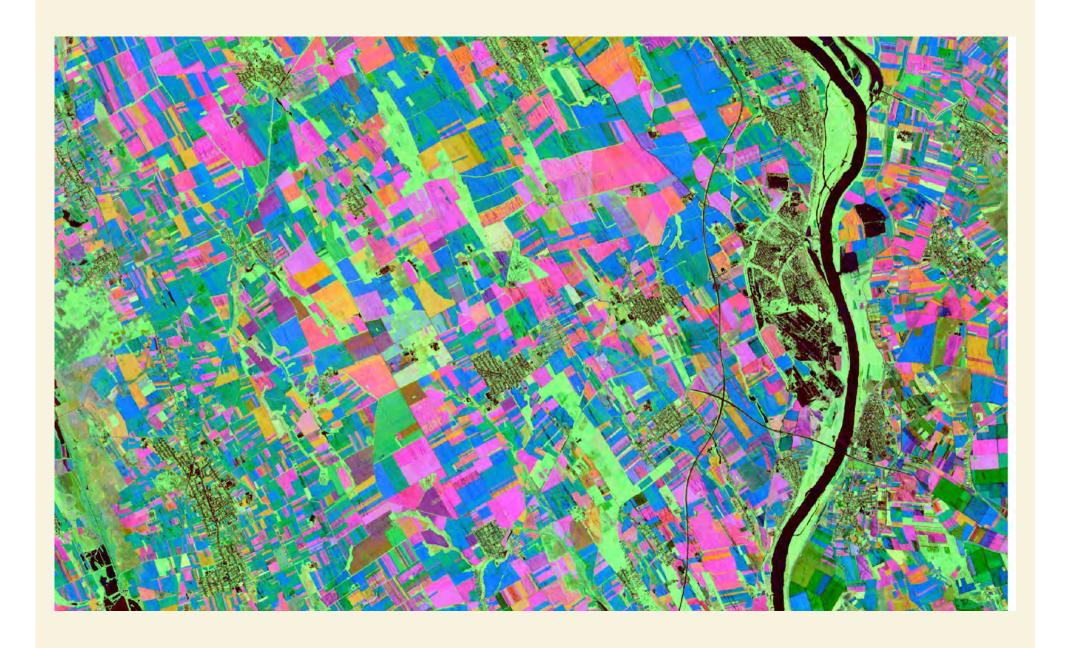


#### https://www.dea.ga.gov.au/



#### MONTHLY NDVI STATISTICS ON COUNTRY LEVEL

- Vegetation statistics
- ~9 months woth of Sentinel-2 data
- 2 Countries and 2 US States





### **COMMUNITY**



#### 



#### **HOW TO DIVE IN?**

- www.opendatacube.org
- www.github.com/opendatacube (Source Code)

#### Some of the Sandboxes

- https://www.dea.ga.gov.au/
- www.digitalearthafrica.org
- https://www.openearthalliance.org/sandbox

