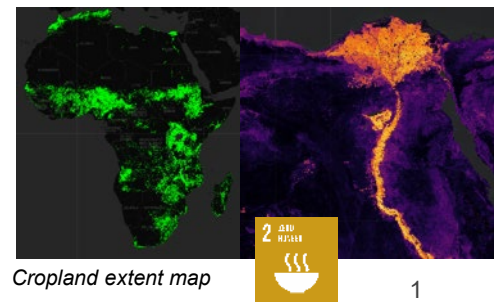
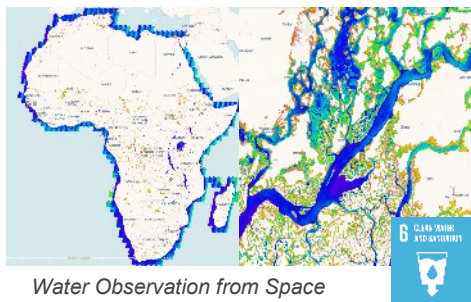
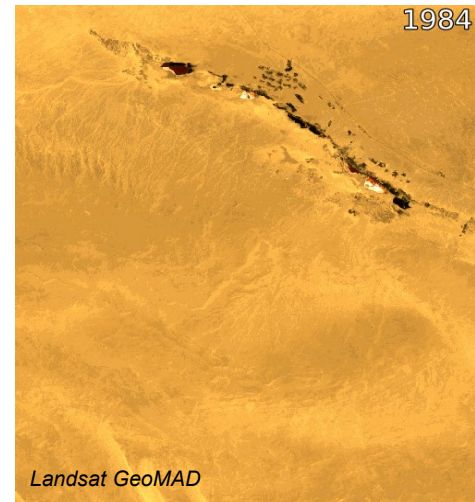
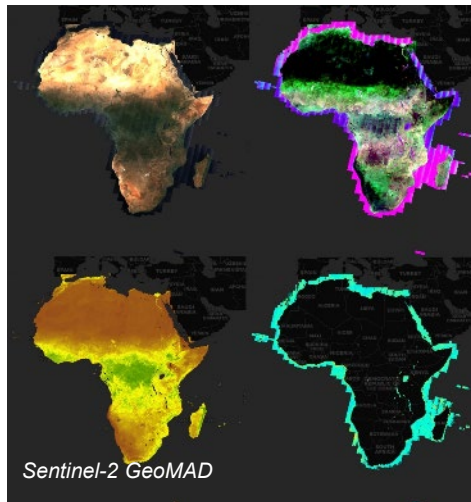


What is Digital Earth Africa?

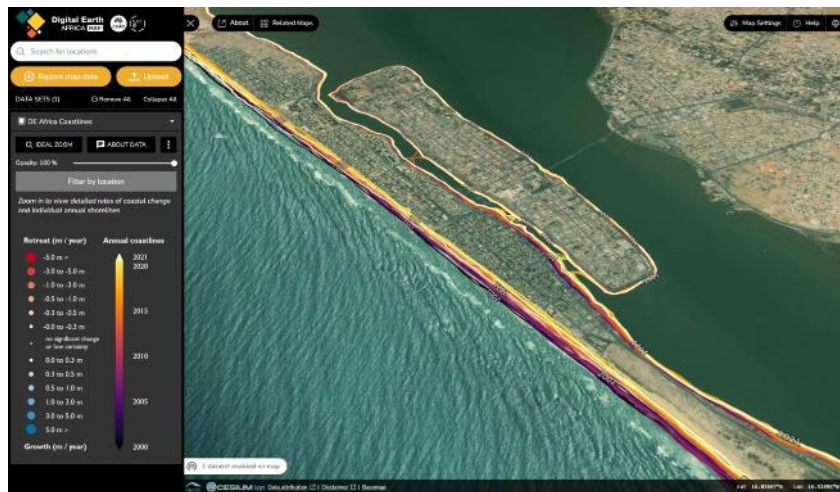
- Accessible and freely available Earth Observation data
- Multiple continental scale operational services
- Extensive library of Jupyter notebooks and example code
- Training activities and materials
- Workflow co-design with end users

users



Coastlines Monitoring Service

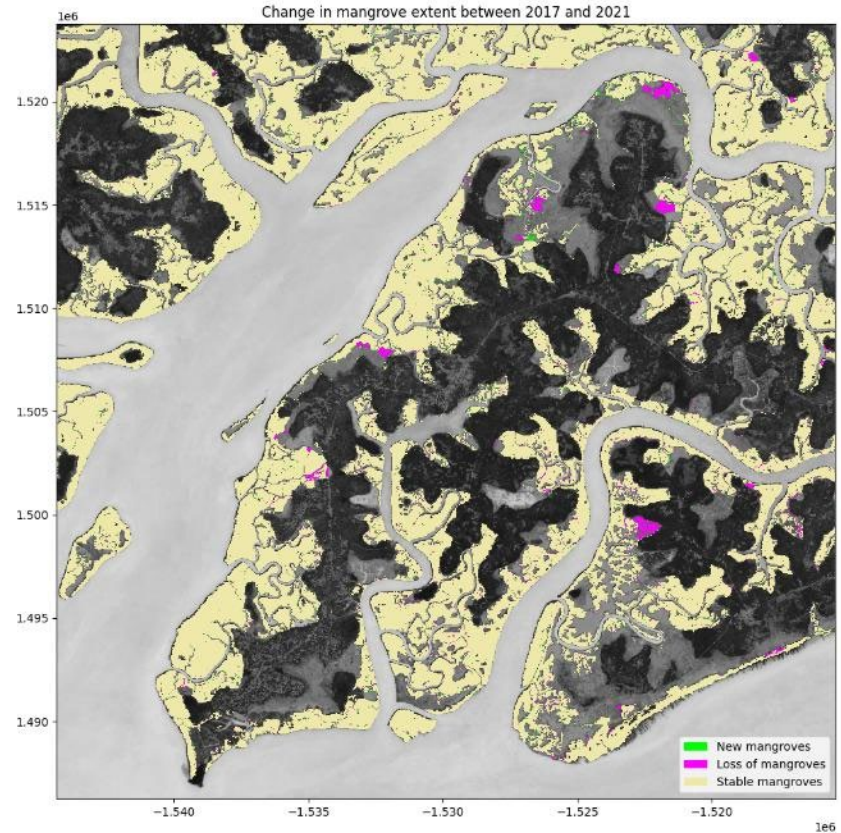
The coastal town of Saint-Louis, Senegal, is experiencing rapid erosion of its coastline. Coastal erosion is further compounded by high tides flooding the streets and destroying schools and homes. Local decision-makers use DE Africa to identify patterns in changes to their coastline.



“It [DE Africa Coastlines] makes it possible to monitor various indicators in relation to coastal risks...the advantage is that these lower resolution images are easily accessible, are free, while high resolution images are expensive and not necessarily accessible.” - Dr Moussa Sall, Centre de Suivi Ecologique

Mangrove Monitoring

- Digital Earth Africa offers access to Global Mangrove Watch data which can be fused with other Earth Observation data to monitor changes in mangrove extent, right:
 - Green - new mangroves
 - Yellow - stable mangroves
 - Purple - loss of mangroves
- Workflows can be developed to identify areas of mangrove at risk from urban expansion and other threats, and prioritise areas for nature based solutions



Thank you

<https://www.digitalearthafrica.org/>

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