



Sentinel Hub Better view from the above

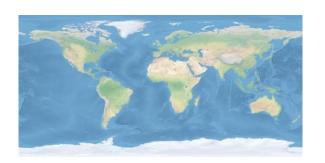
Matej Batič, Sinergise





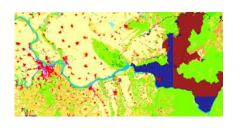


Enormous data availability





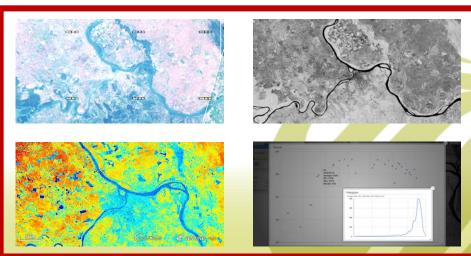




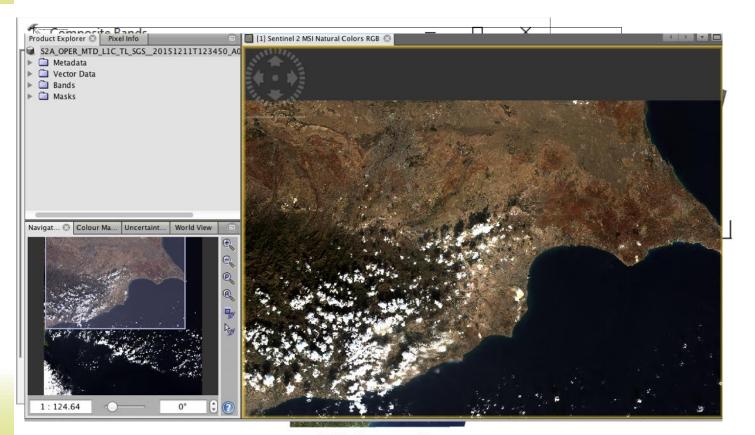








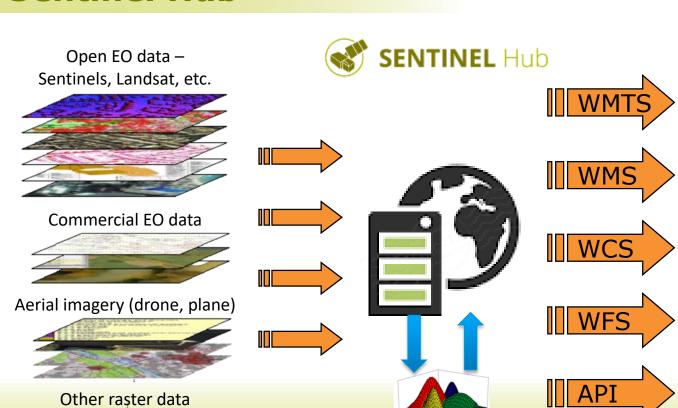
Old methods of working with satellite data



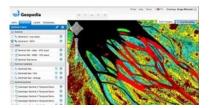
RGB Composite

do not work anymore

Sentinel Hub



Machine learning



Cloud GIS



Web / Mobile apps



Desktop (QGIS, ArcGIS...)



Scripting (R, Python, ENVI...)

Sentinel Hub

Have we succeeded?

No worries about download, storage, decoding, stitching scenes, re-projection, scaling, meta-data parsing, backscatter calibration, orthorectification ...



Replying to @StefLhermitte @Pierre_Markuse and 4 others

90's - Grandmas can use a PC.

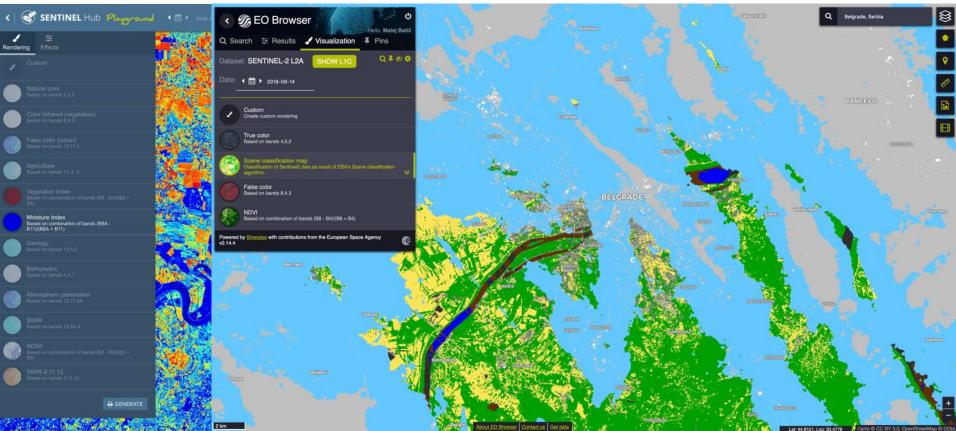
00's - Grandmas can use the internet.

10's - Grandmas can perform complex remote sensing analyses.

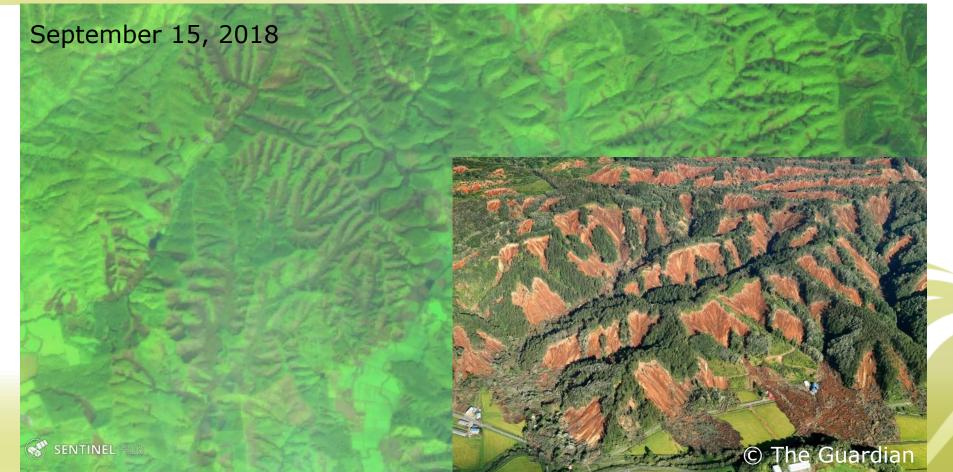
8:43 AM - 25 Oct 2017

Sentinel Playground, EO Browser

http://apps.sentinel-hub.com/sentinel-playground/ http://apps.sentinel-hub.com/eo-browser/



Landslides (after Hokkaido earthquake)



Floods





Three visions of #KeralaFlood in @sentinel_hub using @CopernicusEU data

Sentinel-2 Natural colors Sentinel-2 Normalized Difference Water Index Sentinel-1 Radar backscatter

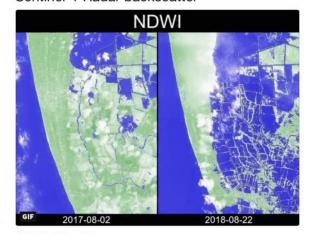


11:58 AM - 29 Aug 2018





Sentinel-2 Natural colors Sentinel-2 Normalized Difference Water Index Sentinel-1 Radar backscatter



11:58 AM - 29 Aug 2018





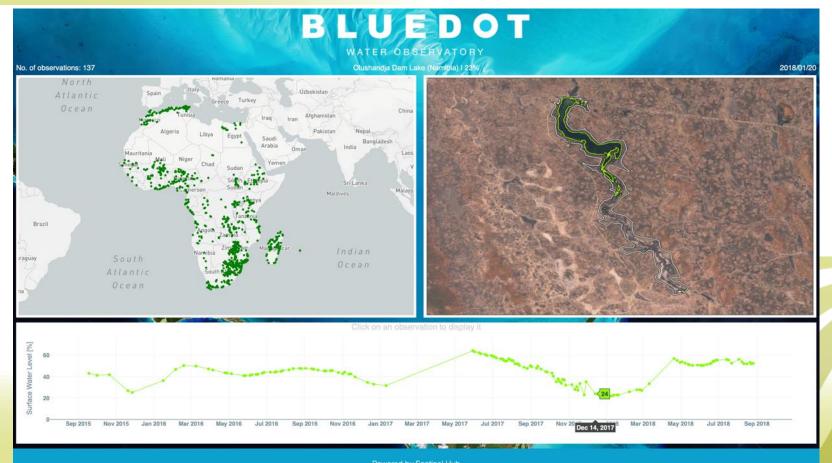
Three visions of #KeralaFlood in @sentinel_hub using @CopernicusEU data

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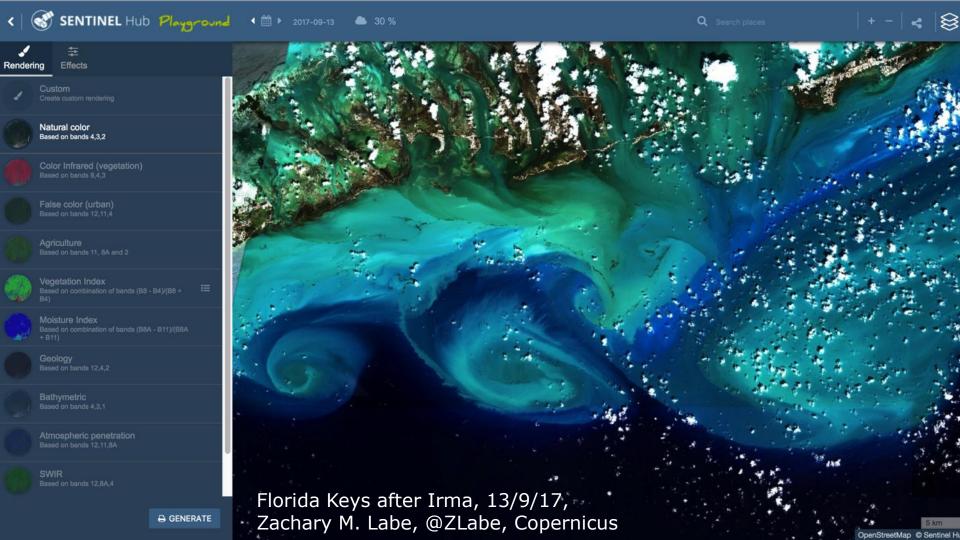
11:58 AM - 29 Aug 2018

Water monitoring



Water monitoring





Water monitoring



Zack Labe 🤣 @ZLabe · Sep 2

Satellites are an indispensable tool for monitoring the Earth system. Today's Sentinel-3 terrestrial-chlorophyll-band over Galveston Bay, TX

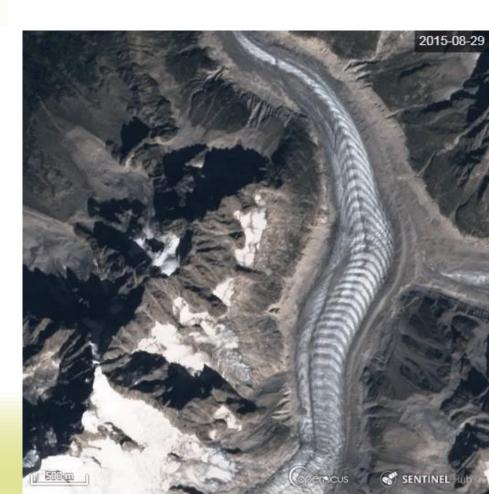


Ice monitoring



Following

Glacier du Tacul band ogives moving downhill over 3 years of Sentinel-2 images. @CopernicusEU @sgascoin @sentinel_hub



Ice monitoring

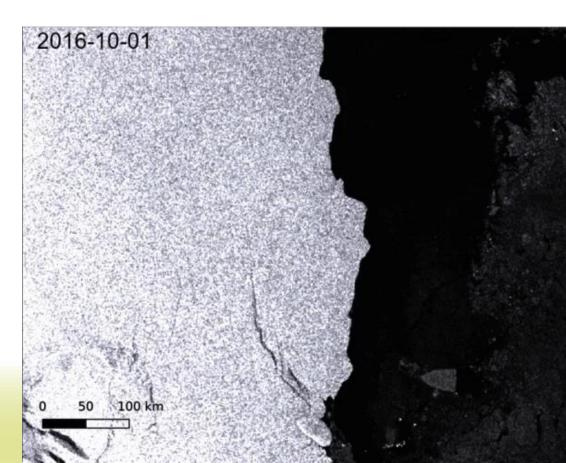




#LarsenC The Movie 📽 updated

Time lapse of 56 #Sentinel1 extra wide swath images since 2016-10-01.

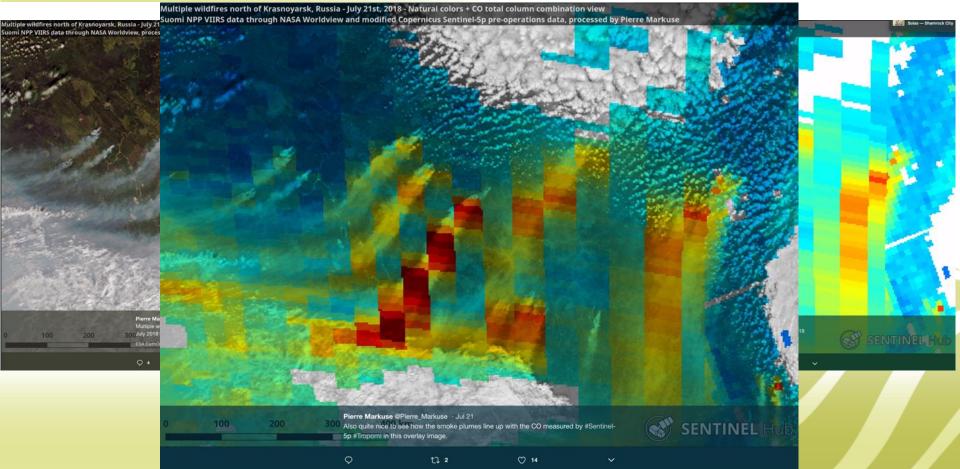
Iceberg #A68 is leaving my bounding box!



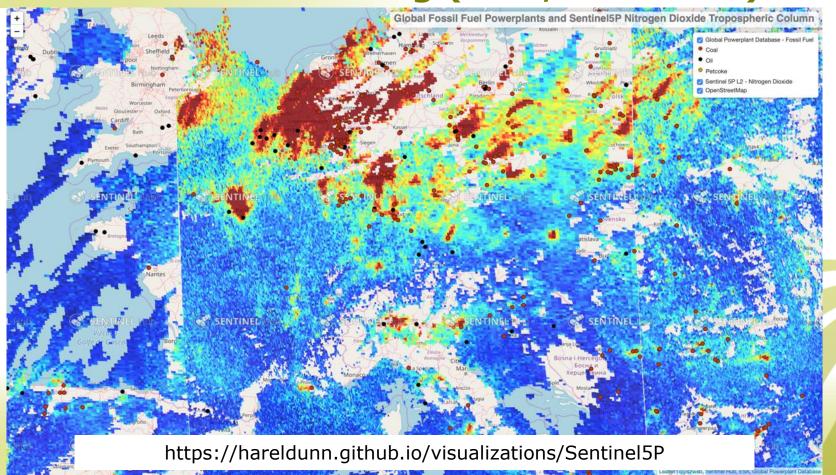
Environmental monitoring (fires, emissions)



Environmental monitoring (fires, emissions)



Environmental monitoring (fires, emissions)



More info



http://sentinel-hub.com/

http://apps.sentinel-hub.com/eo-browser/

http://apps.sentinel-hub.com/sentinel-playground/

https://sentinel-hub.github.io/custom-scripts/

https://github.com/sentinel-hub

https://eo-learn.readthedocs.io

https://twitter.com/sentinel hub













At a time when truth can feel increasingly subjective, the powerful truth of Earth Observation is more valuable than ever. Eric Gundersen

Thank you!









