2. konferenca
GEO SLOVENIJA
Povezani v ekosistem prostora

9. december 2025 | Kristalna palača, Ljubljana

Kako se Slovenija vidi iz vesolja

Grega Milčinski, Sinergise Solutions, Planet Labs

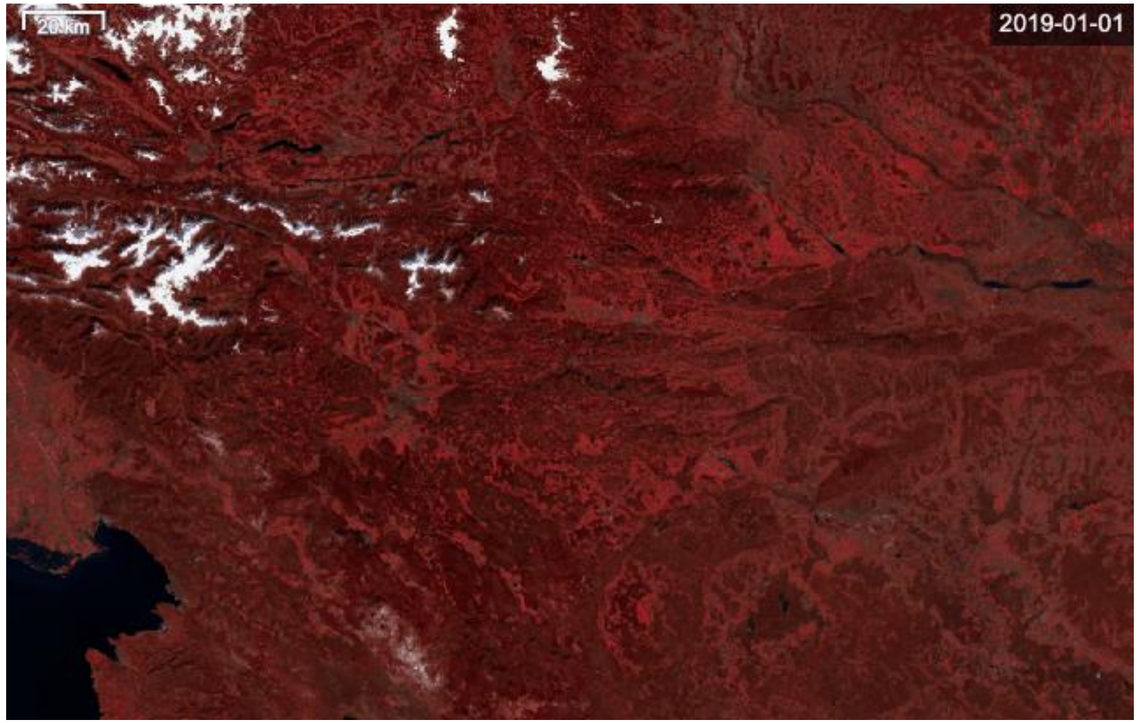
REPUBLIKA SLOVENIJA
MINISTRSTVO ZA NARAVNE VIRE IN PROSTOR
GEODETSKA UPRAVA REPUBLIKE SLOVENIJE

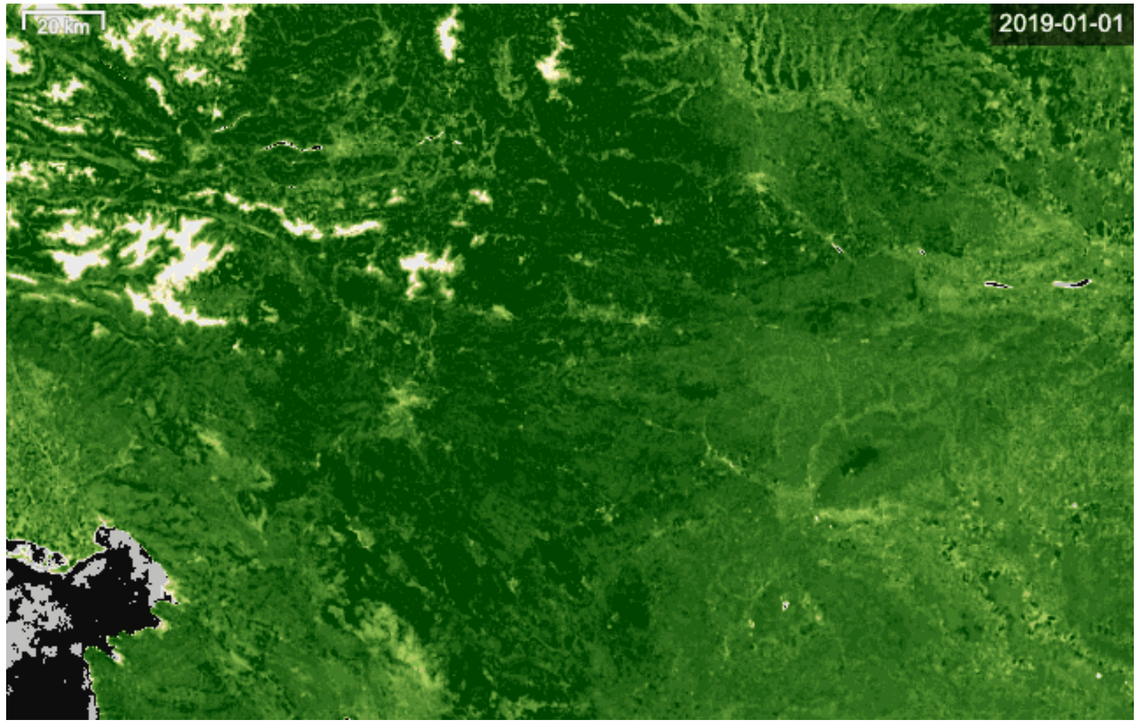
SLO4D

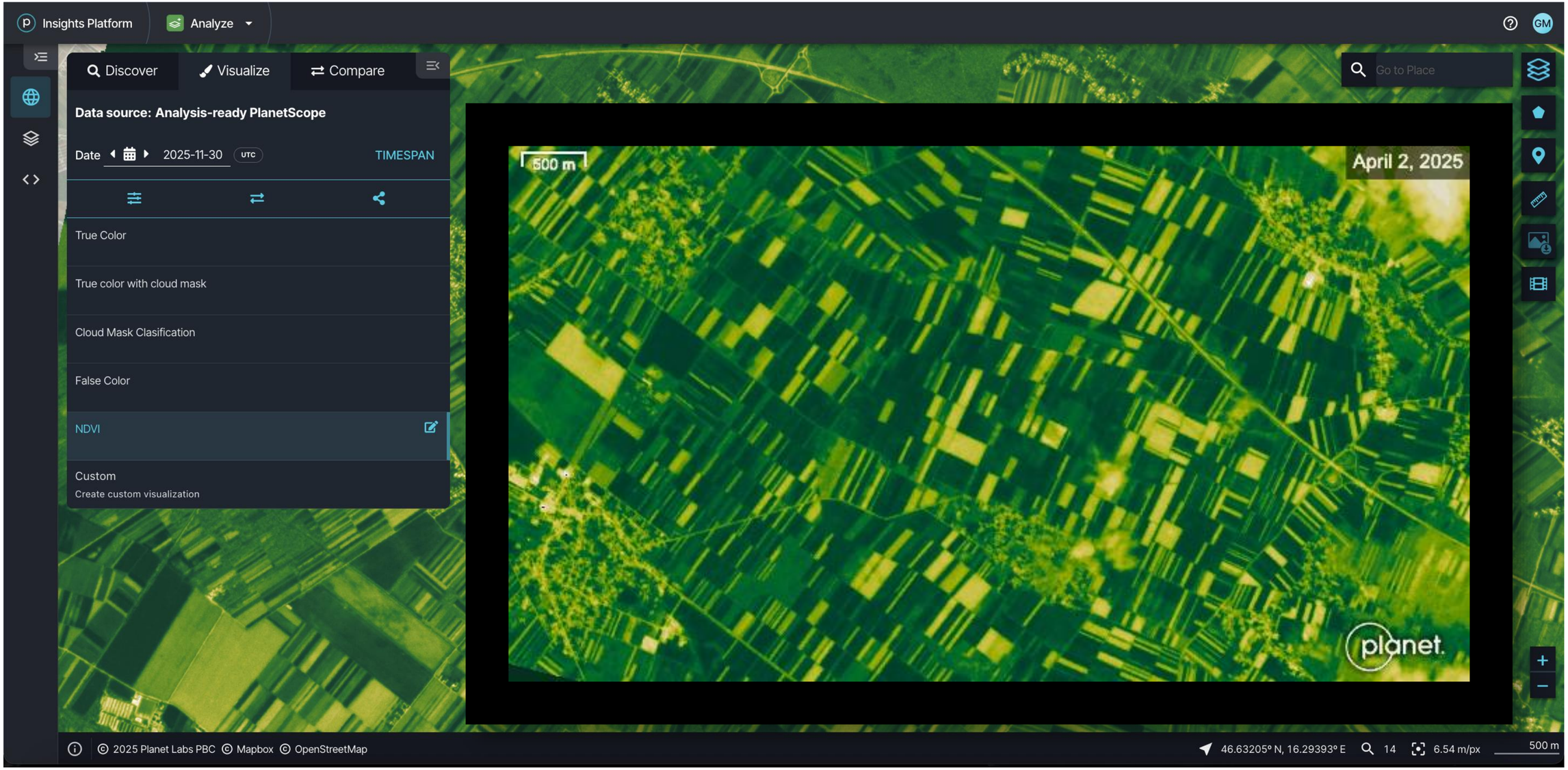
Financira Evropska unija
NextGenerationEU

NAČRT ZA OKREVANJE IN ODPORNOST


Copernicus BROWSER
EN
Login
VISUALISE
SEARCH
DATE: SINGLE
YYYY-MM-DD
30%
Show latest date
Find products for current view
CONFIGURATION:
Default
DATA COLLECTIONS:
Sentinel-2
Sentinel-2 L1C
Sentinel-2 L2A
About
Support
20 km
2019-01-01
Leaflet | © OpenStreetMap contributors - Disclaimer
Rijeka


20 km
2019-01-01

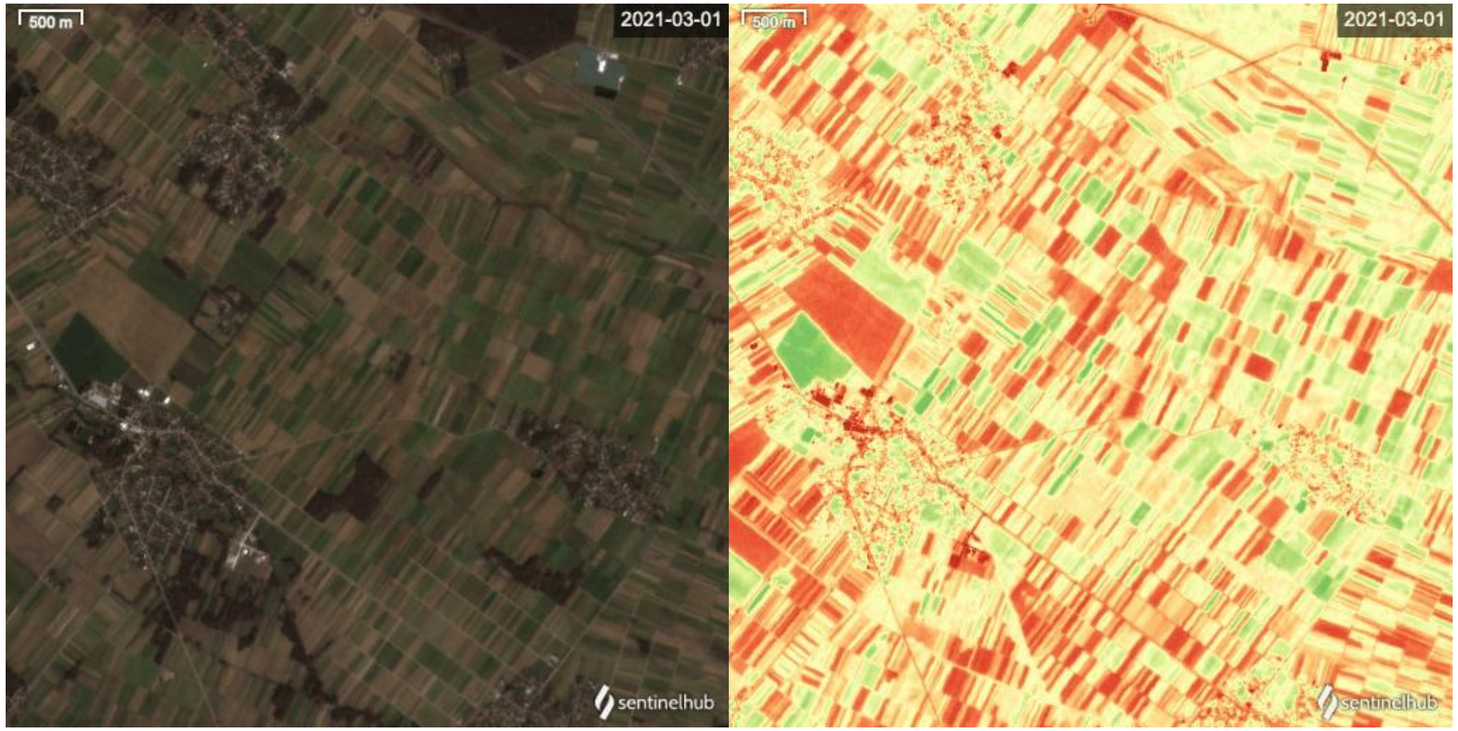

20 km
2019-01-01


Insights Platform
Analyze
GM
Discover
Visualize
Compare
Go to Place
Data source: Analysis-ready PlanetScope
Date
2025-11-30
UTC
TIMESPAN
True Color
True color with cloud mask
Cloud Mask Clasification
False Color
NDVI
Custom
Create custom visualization
500 m
April 2, 2025
planet.
© 2025 Planet Labs PBC © Mapbox © OpenStreetMap
46.63205° N, 16.29393° E
14
6.54 m/px
500 m


Copernicus BROWSER
EN
Grega Milcinski
VISUALISE
SEARCH
SH DASHBOARD
WORKSPACE
2022-07-22
30%
CONFIGURATION:
Default
Sentinel-2 L2A
LAYERS:
Back
Add to Compare
Add to Pins
Add to Timelapse
Composite
Index
Custom
OpenEO process graph
Custom script
Use additional datasets (advanced)
// VERSION=3
// QuickFire V1.0.0 by Pierre Markuse (https://twitter.com/Pierre_Markuse)
// Made for use in the Sentinel Hub EO Browser (https://apps.sentinel-hub.com/eo-browser/?)
// CC BY 4.0 International (https://creativecommons.org/licenses/by/4.0/)
function setup() {
return {
input: ["B01","B02","B03","B04","B08","B8A","B11","B12","SCL", "dataMask"],
output: { bands: 4 }
Show effects and advanced options
Hide layer
Share
About
Support
v1.27.1
Go to Place
3D
Leaflet | © OpenStreetMap contributors - Disclaimer, © Sentinel Hub
Lat: 45.84199, Lng: 13.54151
1 km


Copernicus BROWSER
EN
Grega Milcinski
VISUALISE
SEARCH
SH DASHBOARD
WORKSPACE
2023-08-12
CONFIGURATION:
[NEW] DTSI Skysat
DTSI | Skysat
LAYERS:
False Colour
kNDVI
NDVI
NDWI
True Colour
Add to
Custom
Create custom visualisation
Show effects and advanced options
Hide layer
Share
About
Support
v1.27.1
Go to Place
3D
Leaflet | © OpenStreetMap contributors - Disclaimer, © Sentinel Hub
Lat: 46.335445, Lng: 14.847475
50 m

Earth Observation
an objective and systematic insight of our planet



Odranci, Slovenia – Planet Fusion

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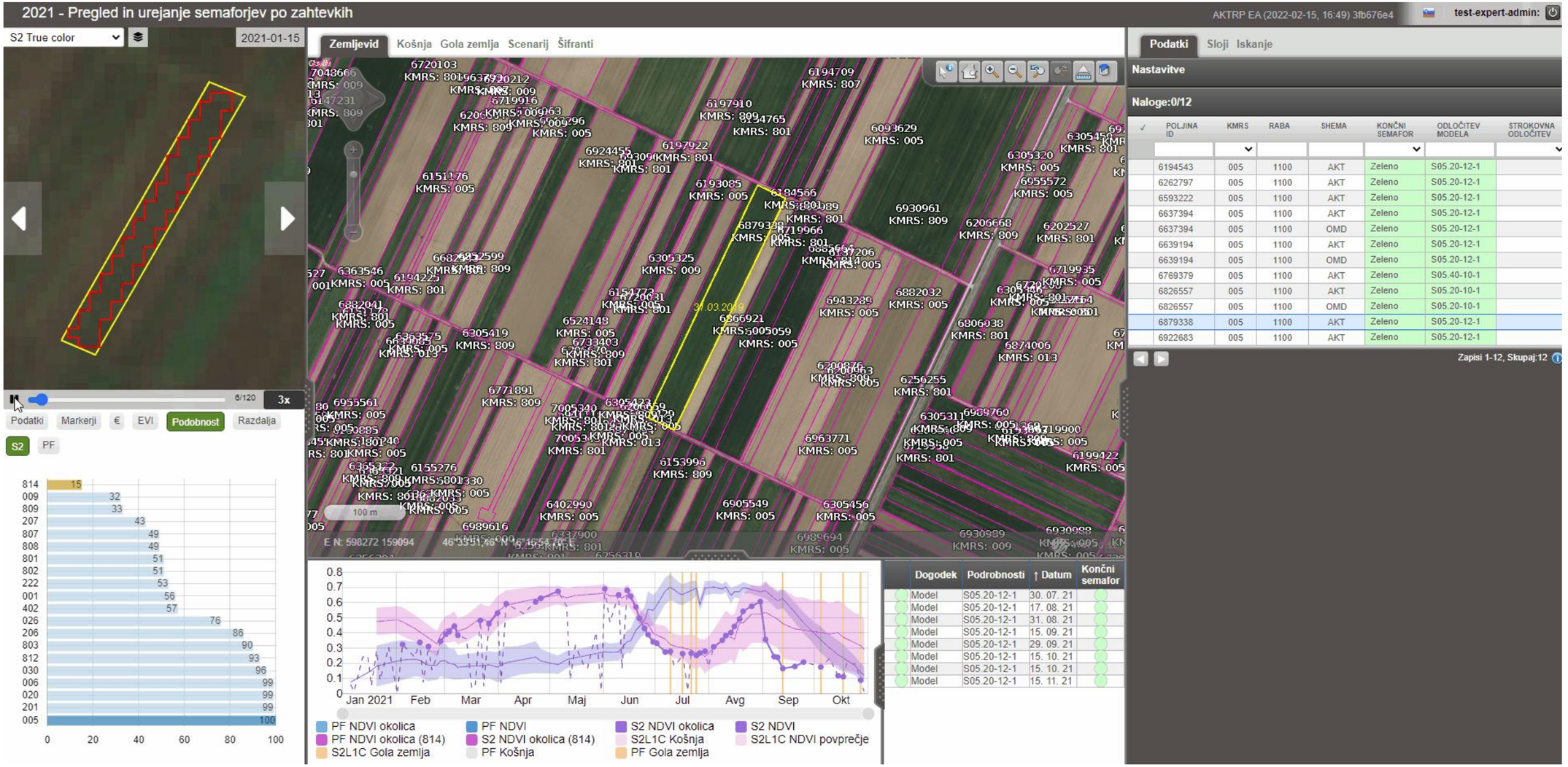
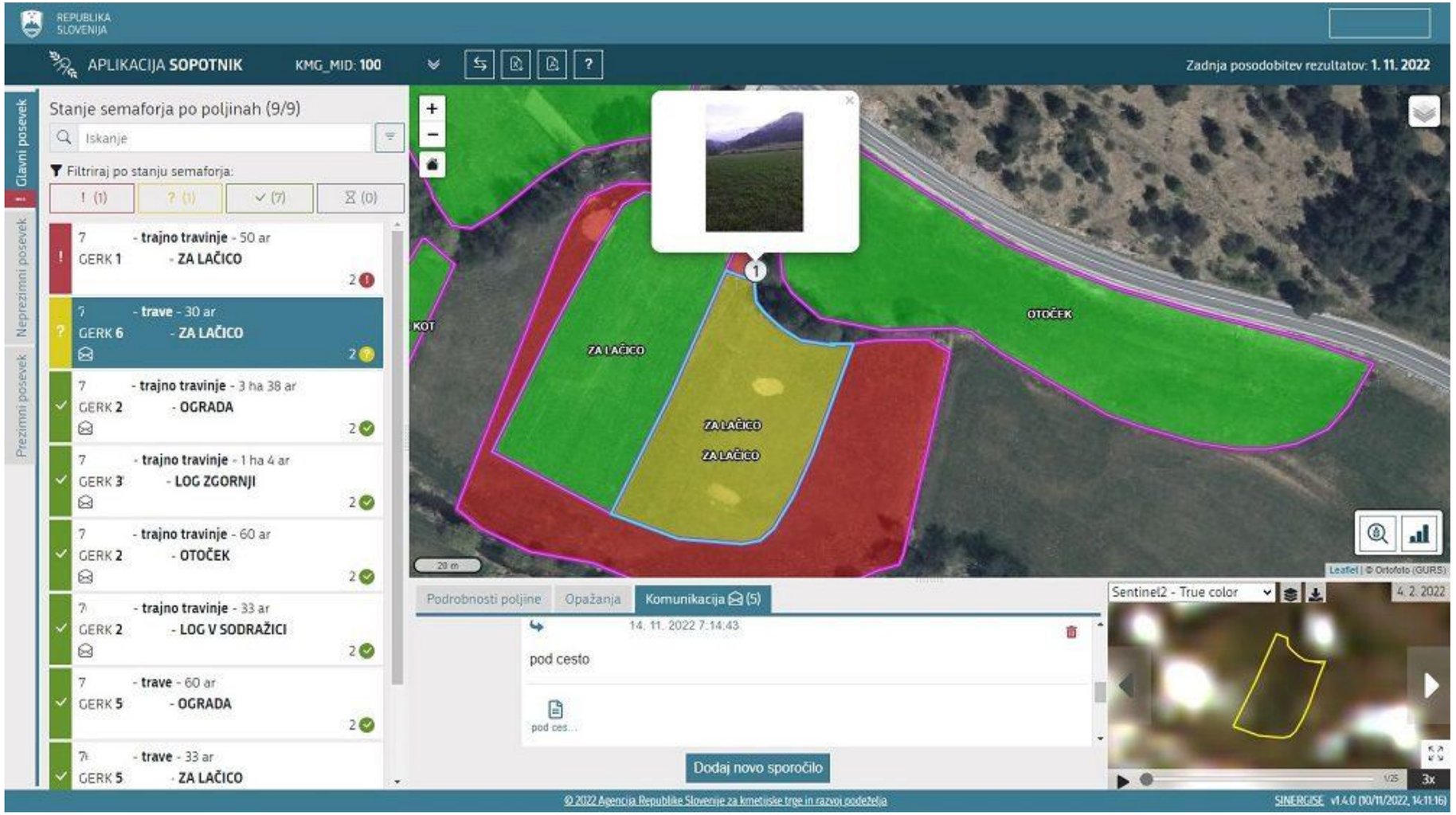
Beyond looking - using

POVEZANI V EKOSISTEM PROSTORA

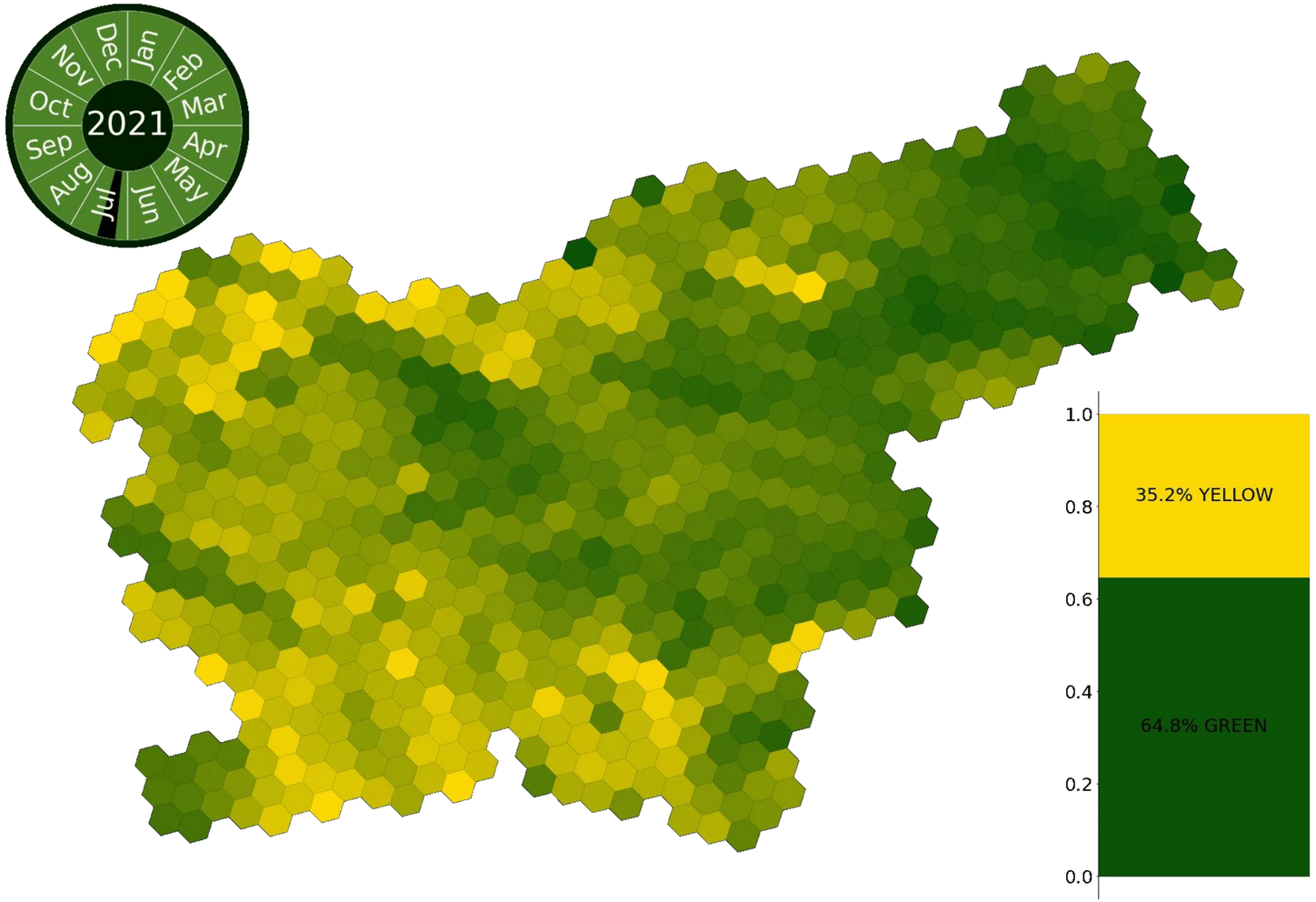
Agriculture subsidies – Common Agriculture Policy



Agriculture subsidies – Common Agriculture Policy



Agriculture subsidies – Common Agriculture Policy



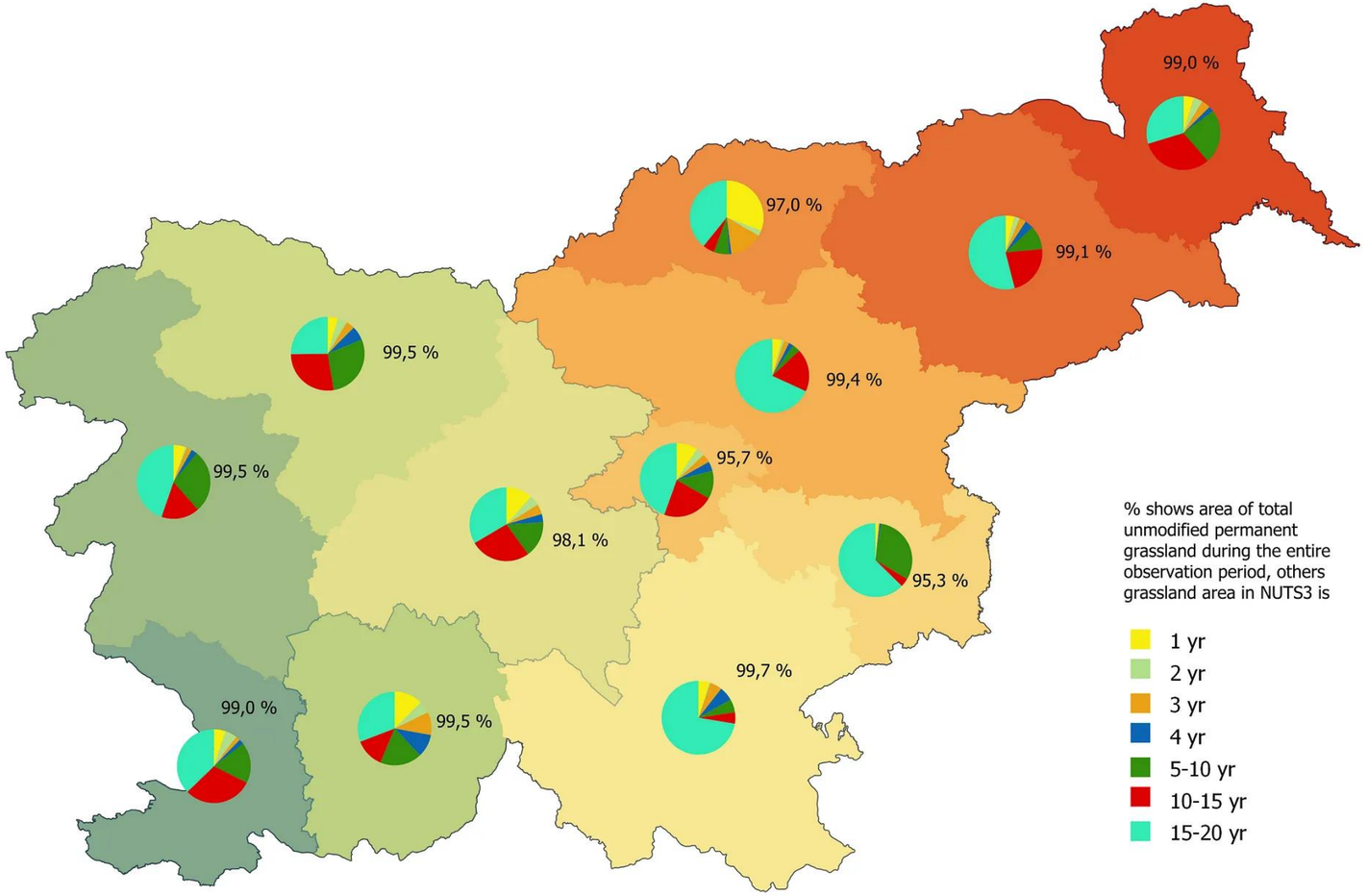
Pasture monitoring

Map of permanent and non-permanent grasslands of Slovenia, based on the 5-year marker of bare soil presence.

https://medium.com/sentinel-hub/detecting-the-age-of-grassland-from-the-sky-a2d3e4b28aaa

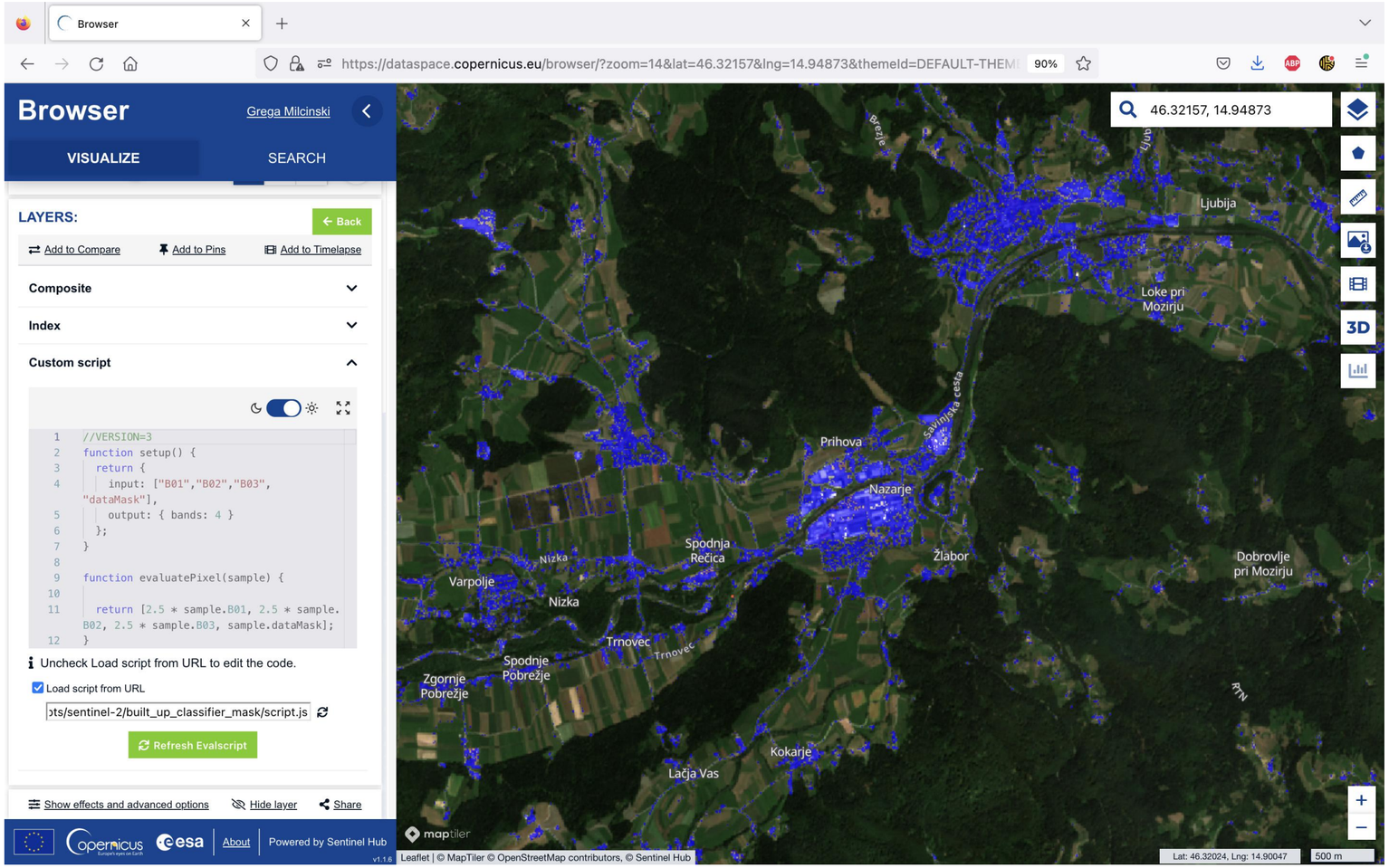
The content of this blog post is a result of the GEOS-2021 project from the Statistical Office of the Republic of Slovenia (SURS) (JN430–44/2021), and funded by Eurostat.

Pasture monitoring

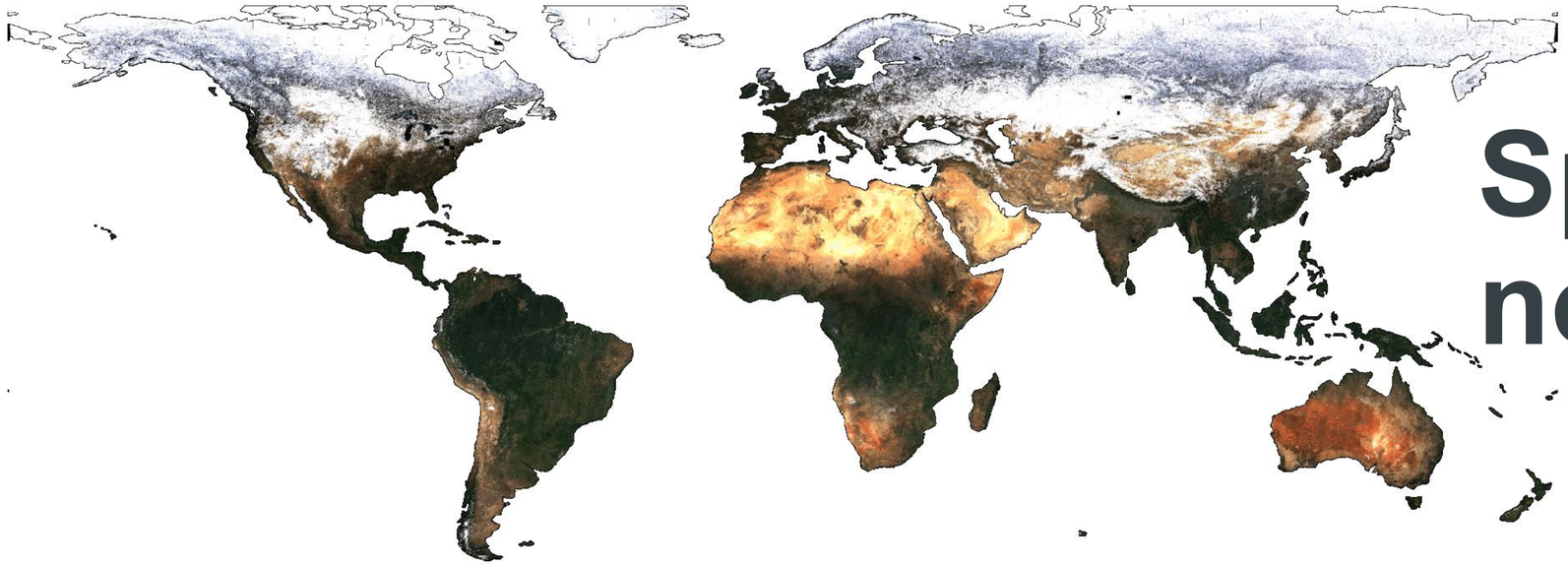


https://medium.com/sentinel-hub/detecting-the-age-of-grassland-from-the-sky-a2d3e4b28aaa

Built-up area detection



https://medium.com/sentinel-hub/detecting-the-age-of-grassland-from-the-sky-a2d3e4b28aaa

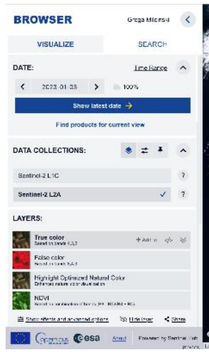


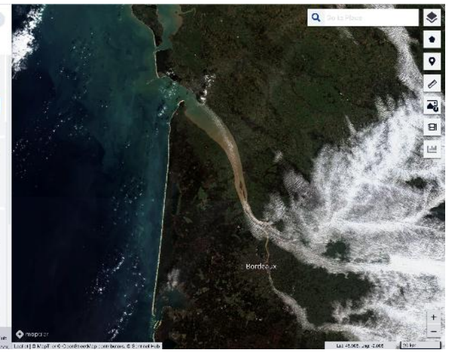
Space knows no borders

Copernicus Data Space Ecosystem

dataspace.copernicus.eu

dataspace.copernicus.eu

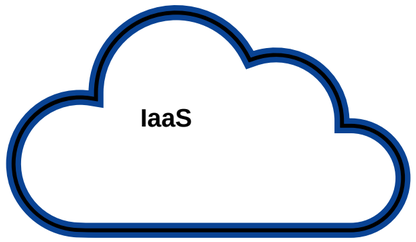




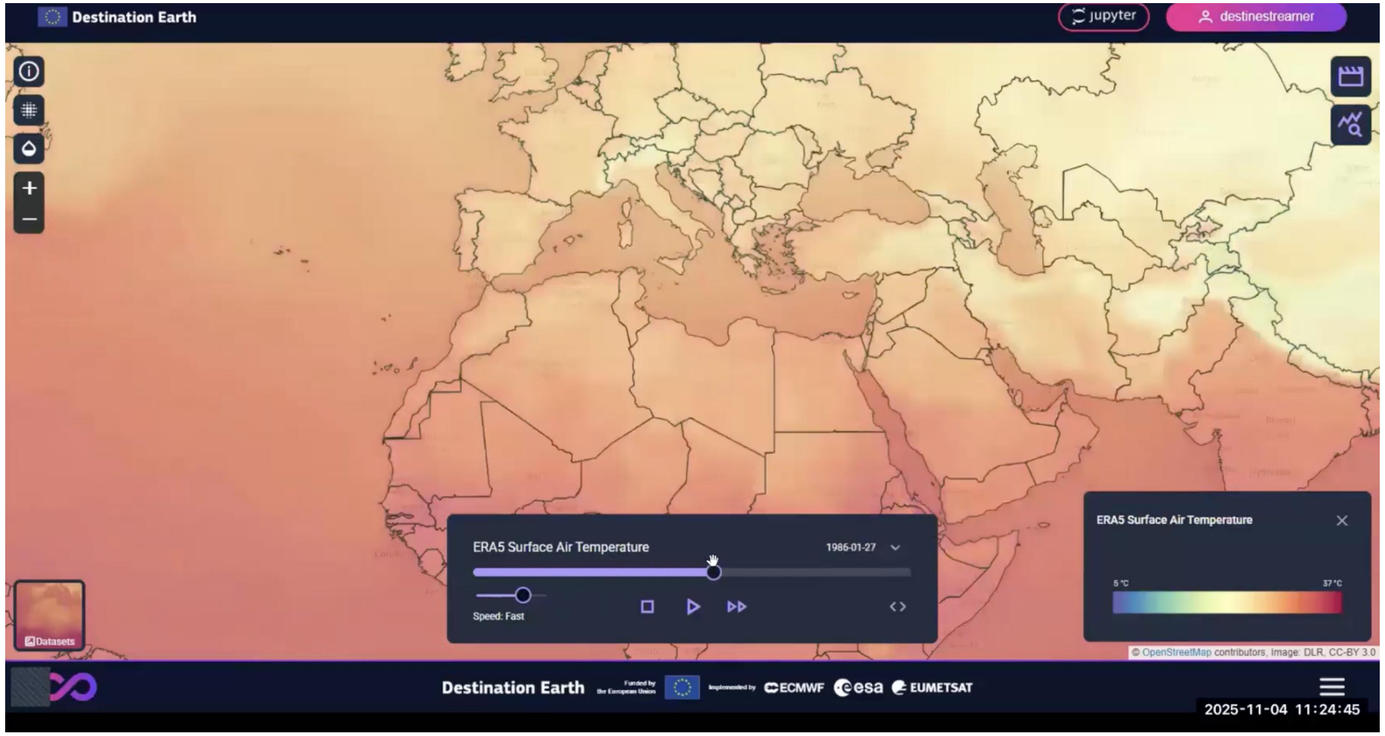
ODATA Open Data Protocol · S3 · STAC · sentinelhub · openEO

jupyterlab

on-demand



European Earth Observation Platform



Destination Earth – climate data

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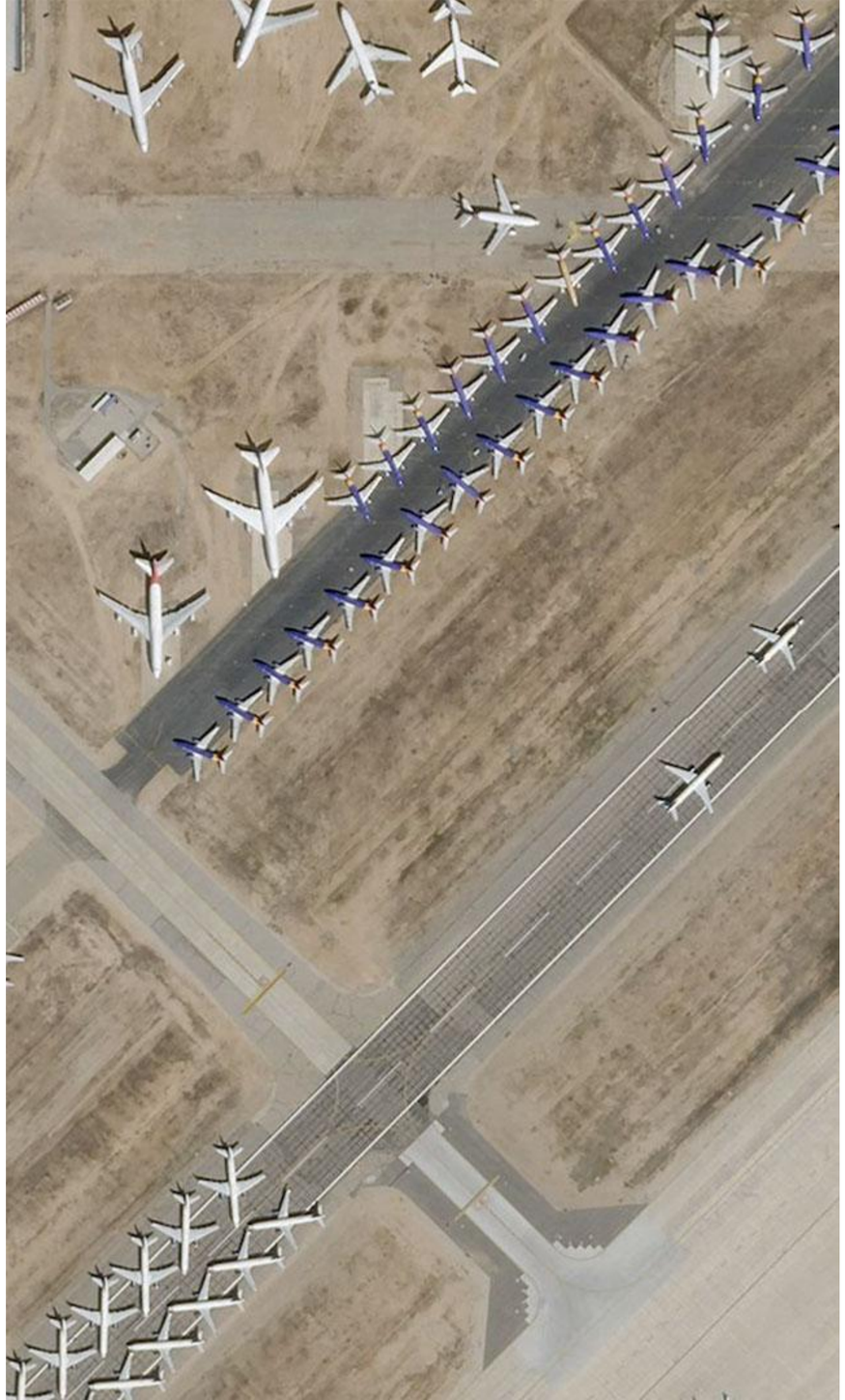

9. december 2025
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Road ahead

POVEZANI V EKOSISTEM PROSTORA


Copernicus BROWSER
EN
Grega Milcinski
VISUALISE
SEARCH
SH DASHBOARD
WORKSPACE
2023-08-12
CONFIGURATION:
[NEW] DTSI Skysat
DTSI | Skysat
LAYERS:
False Colour
kNDVI
NDVI
NDWI
True Colour
Add to
Custom
Create custom visualisation
Show effects and advanced options
Hide layer
Share
About
Support
v1.27.1
Go to Place
3D
Leaflet | © OpenStreetMap contributors - Disclaimer, © Sentinel Hub
Lat: 46.335445, Lng: 14.847475
50 m

Disaster management

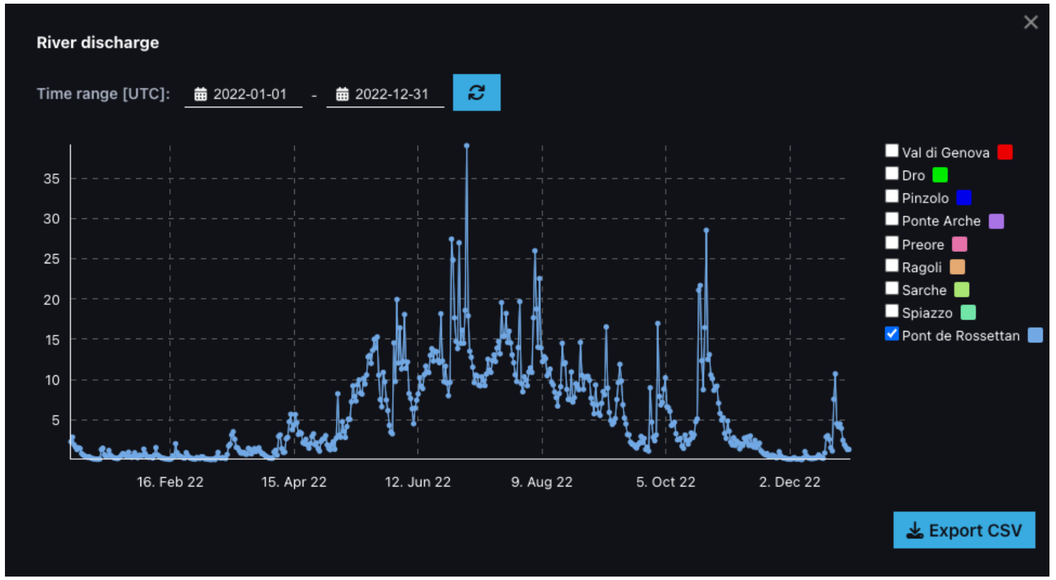
Understand, monitor and anticipate

Observing

A virtual replica of the real-world, to reproduce natural phenomena by integrating observations from a variety of sources

Imagery and delineation of floods

River gauge data

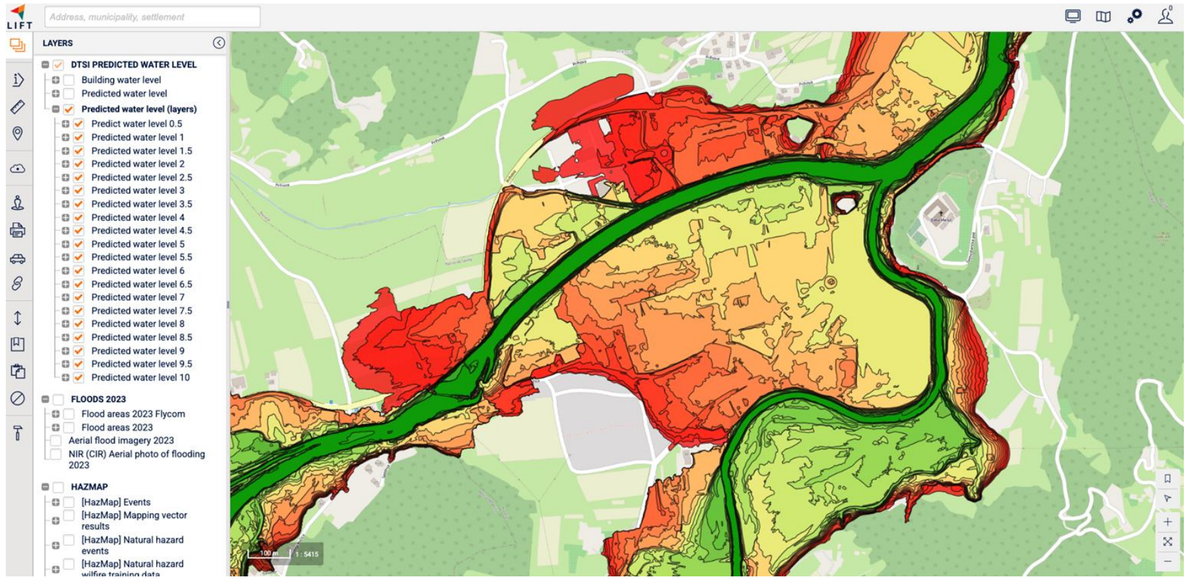


Understand, monitor and anticipate

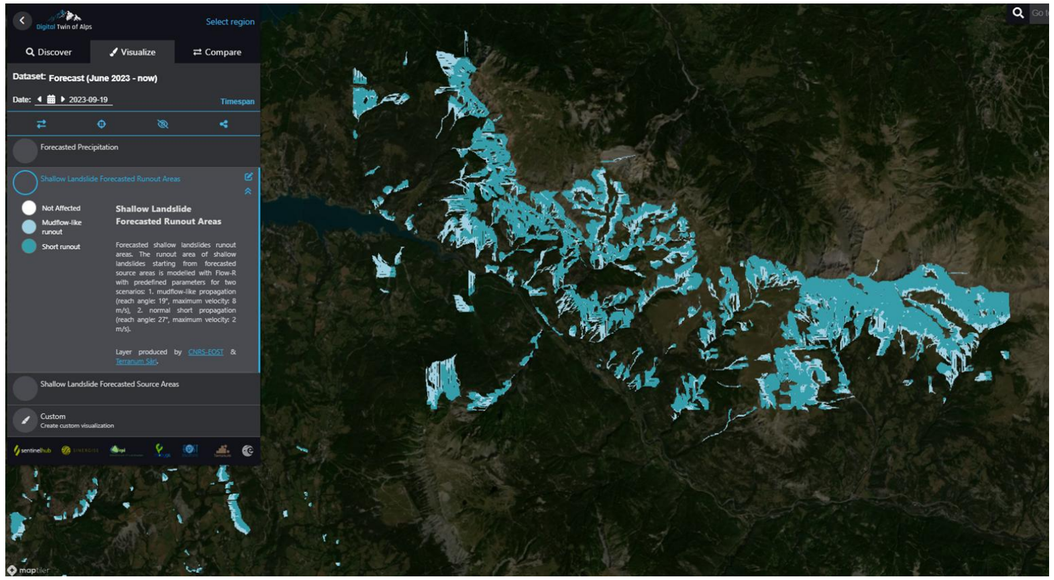
Observing Modelling

A virtual replica of the real-world, to model interconnected physical processes and understand their drivers

Predicted water levels



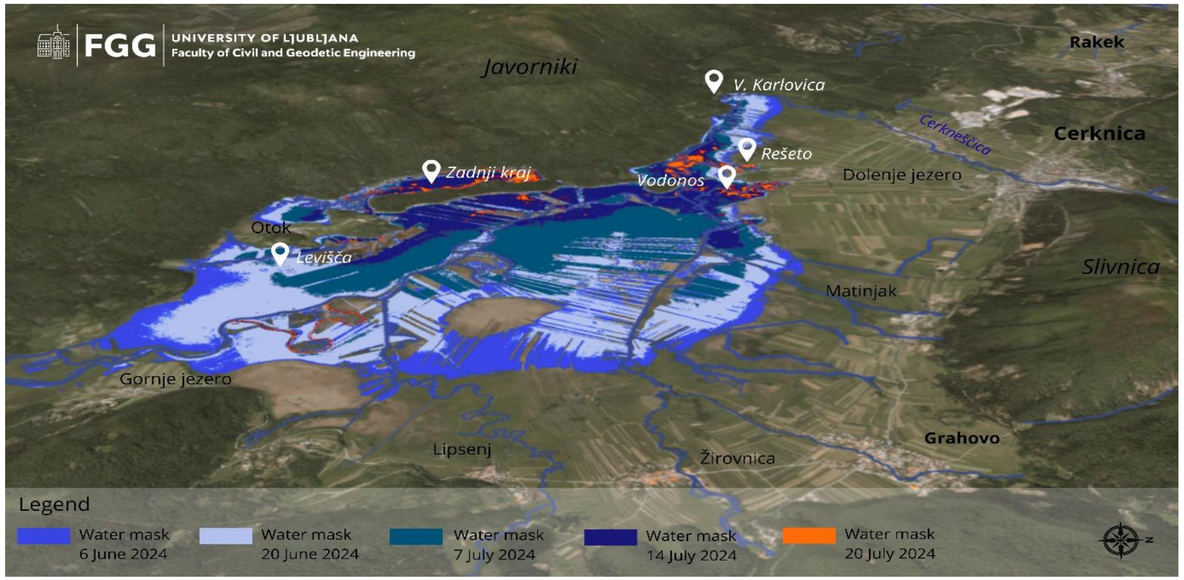
Modelled landslide runout

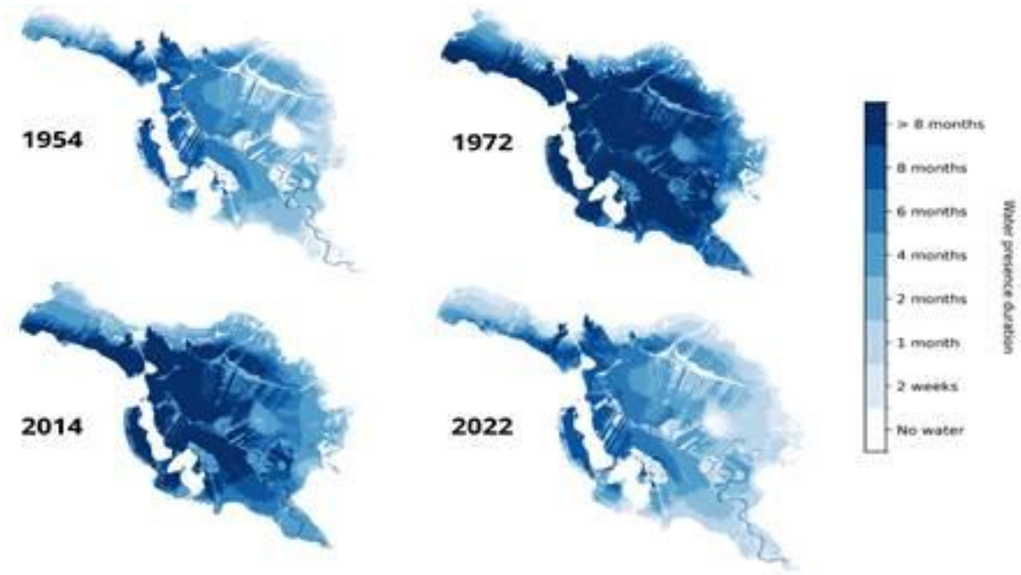


Understand, monitor and anticipate

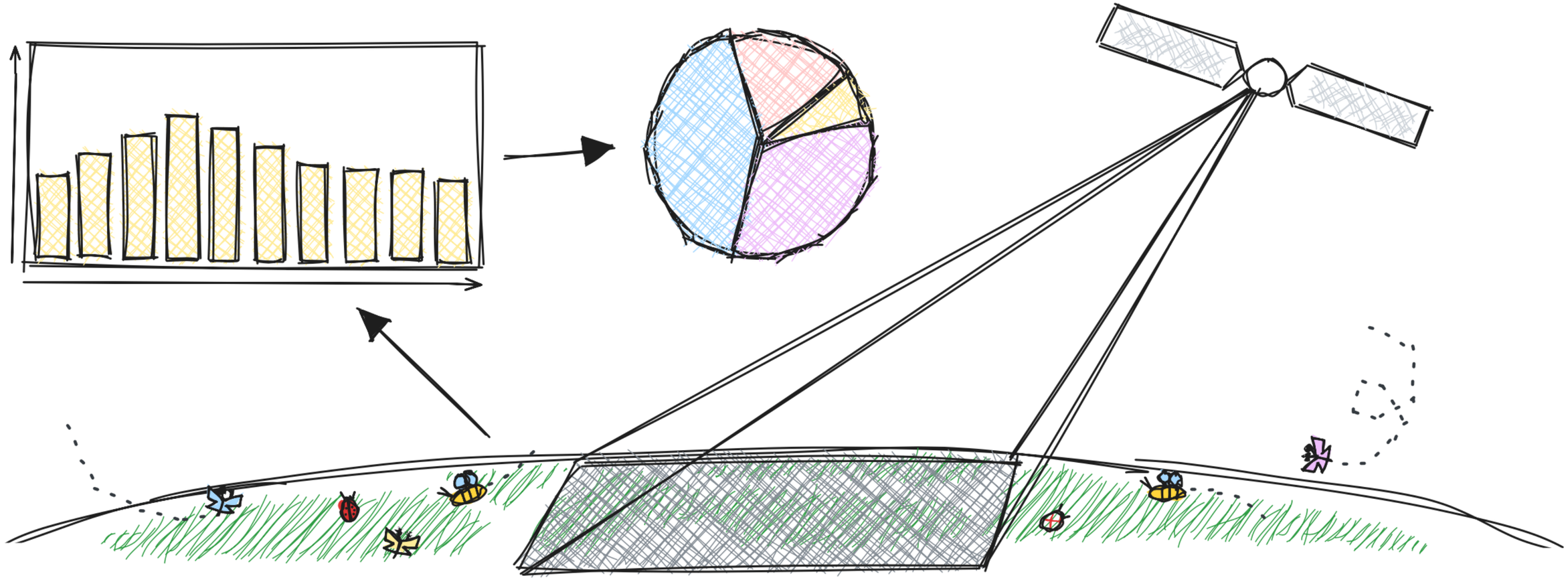
Observing Modelling Simulating

A virtual replica of the real-world, to simulate events and explore potential scenarios for planning and prevention

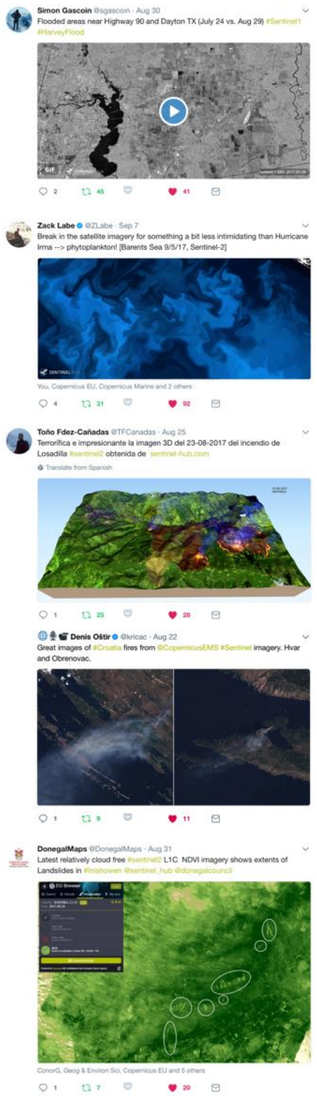


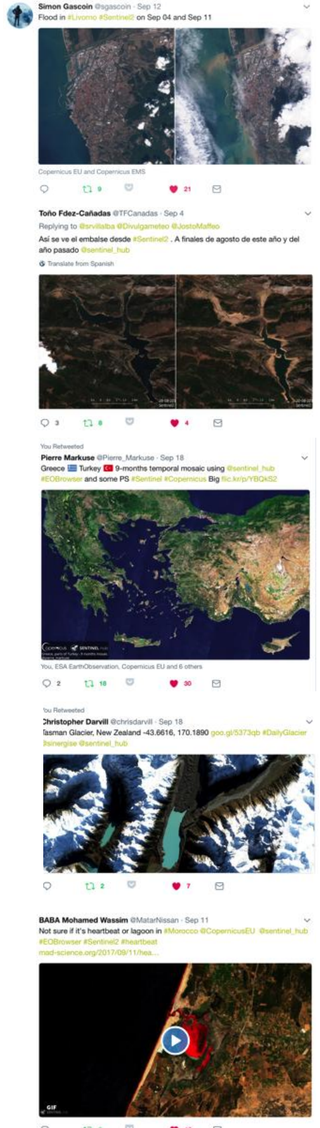


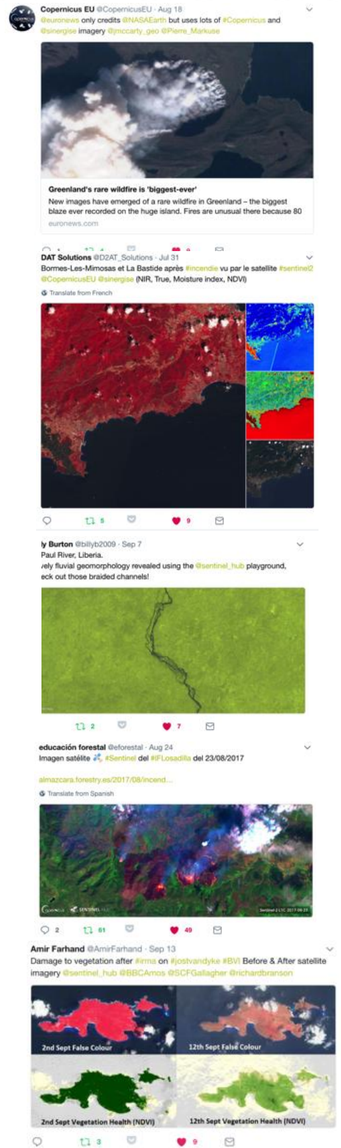
From imagery to ARD to policy insights

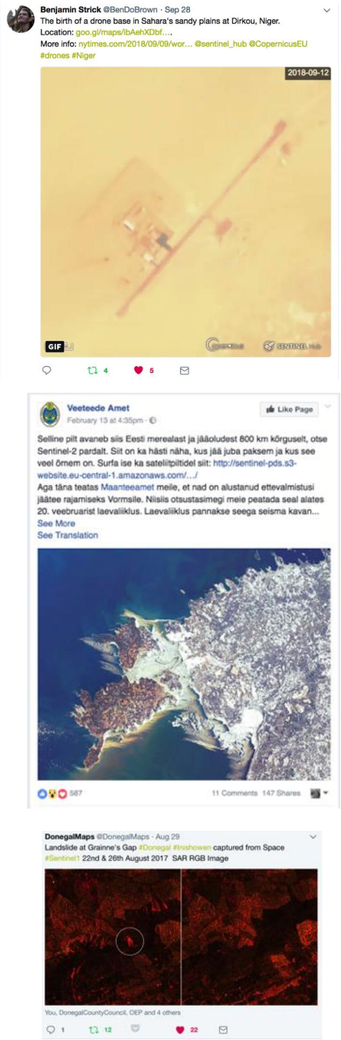


Disaster monitoring is one of numerous use-cases...









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Hvala za pozornost.

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