### Sentinel Hub Webinar Satellite Data Empowering Environmental NGO Work

### Questions we didn't answer in our live webinar on December 12, 2023:

# What options are there for access to small amounts of data for grant funded research projects?

- I suggest you start with ESA Network of Resources: <u>https://www.sentinel-hub.com/Network-of-Resources/</u>

#### Do you support Planet Usable Data Masks through Sentinel Hub?

 Yes, UDM is supported. See more here: <u>https://docs.sentinel-</u> <u>hub.com/api/latest/data/planet/planet-scope/#item-type-psscene</u>

#### Are EU NGOs eligible to the low cost programe?

 European NGO-s are also eligible to the Planet Non-profit programme if they can prove their non-profit status according to US law. Please contact Planet Sales for details.

#### Can you explain a little more about the API access to the EO Browser or third party data?

 For API access, I suggest you start with our Jupyter notebook tutorials in Copernicus Data Space Ecosystem, there are simple and more complex use cases for API access: <u>https://dataspace.copernicus.eu/analyse/jupyterlab</u>

#### Are there any new services on the horizon that you think people should be aware of?

- Planet Tanager and Pelican look like game changers for spectral and spatial resolution respectively. Prices are expected to remain afordable also for non-profits. Also for environmental NGO-s, air pollution statistics from Sentinel-5P are highly relevant, but not exactly new.

#### Do you work directly with some NGOs and in what way?

- Planet has some NGO-s with which we closely work through data exchange, mentorship and joint development.

## Can Sentinel Hub monitor fires in real time and what would be the temporal resolution of acquisition?

- I suggest to use Copernicus Data Space Ecosystem if the application is time critical, since the data are first published there. This is our most popular wildfire script: <a href="https://custom-scripts.sentinel-hub.com/sentinel-2/markuse\_fire/">https://custom-scripts.sentinel-hub.com/sentinel-2/markuse\_fire/</a>

#### Is Landsat still taking images and is Sentinel the follower to Landsat?

- Landsat is a complementary programme to Copernicus, the latest Landsat satellite was launched in 2021, so the satellite system is still maintained.

#### Does Copernicus also provide labels for LULC classification/Segmentation ML algorithms?

- Yes, the Copernicus In Situ Component provides LUCAS, a pan-european training data set complete with labels and also ground photos.