





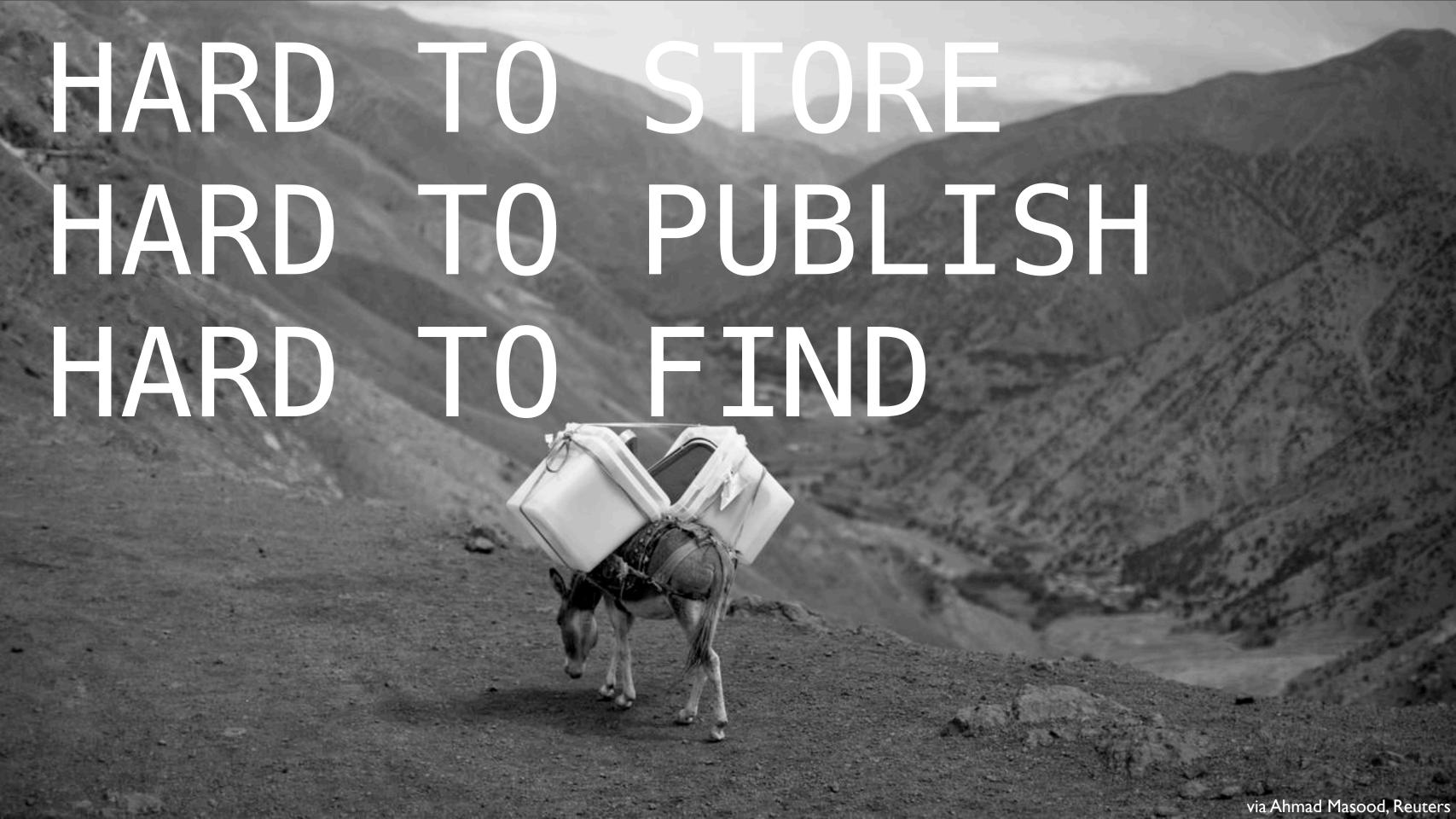
What is OAM? Why does it matter? Demo!





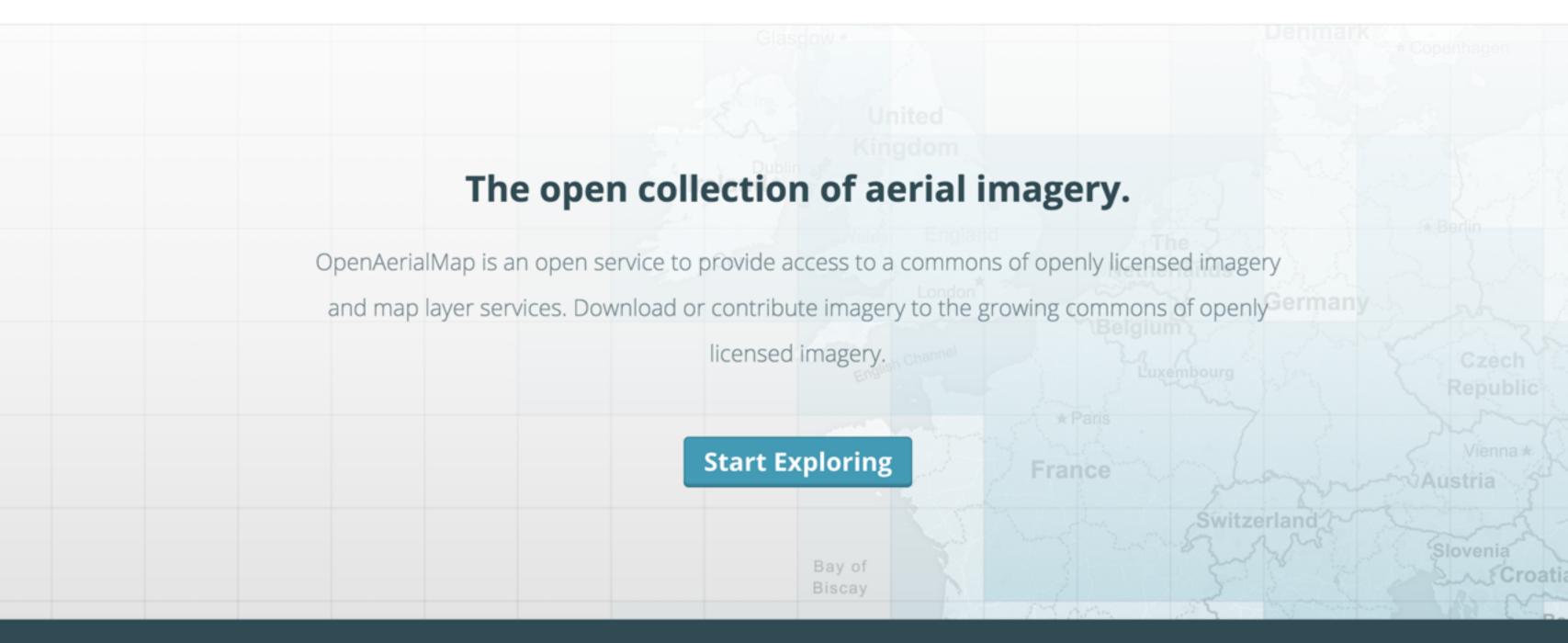












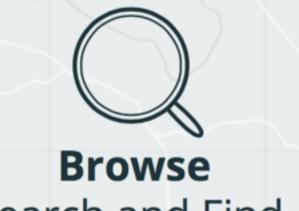


OpenAerialMap

A distributed commons for sharing aerial imagery.

OpenAerialMap is a set of tools for searching, sharing, and using open satellite and drone imagery.

www.openaerialmap.org



Search and Find

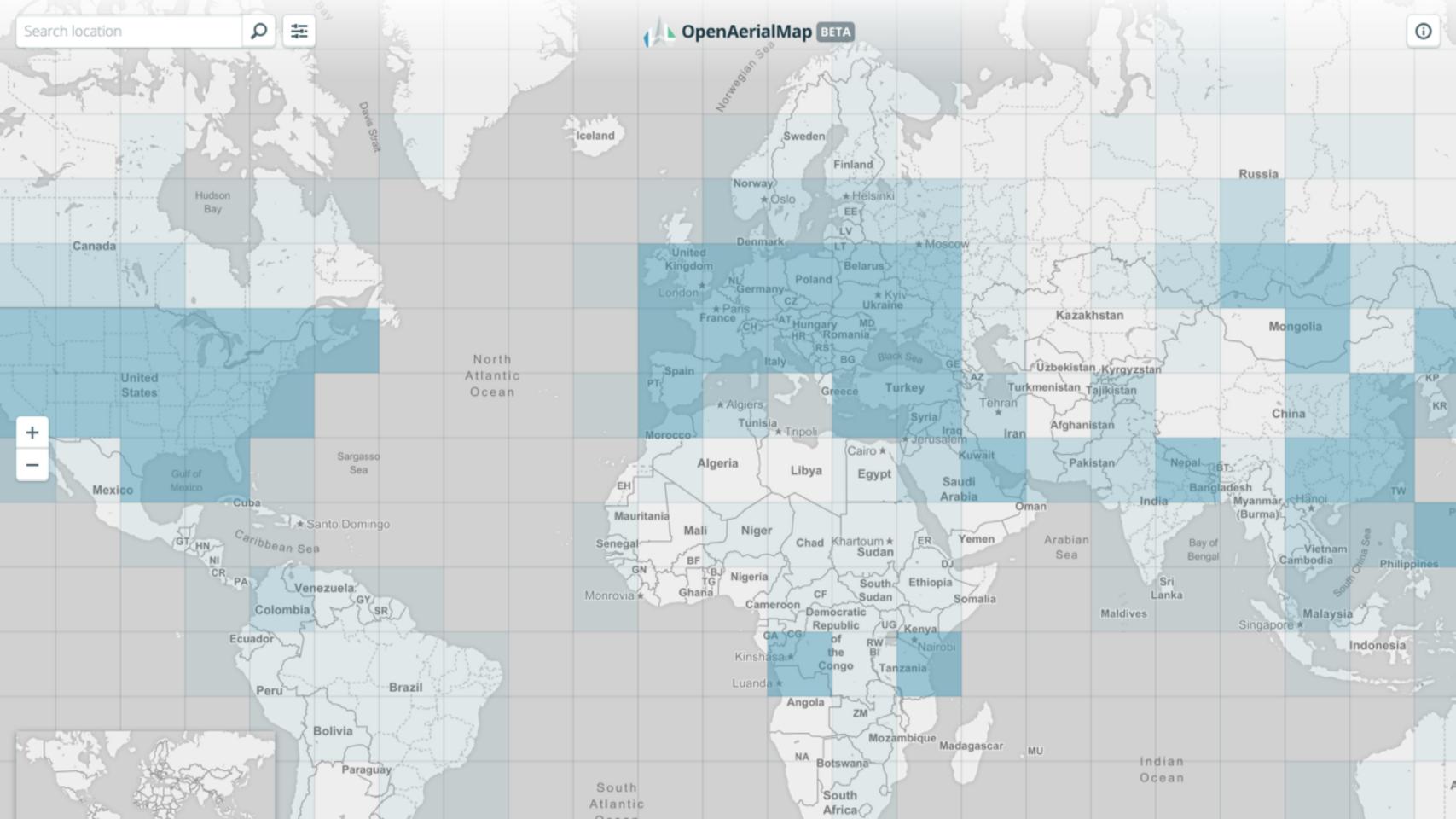


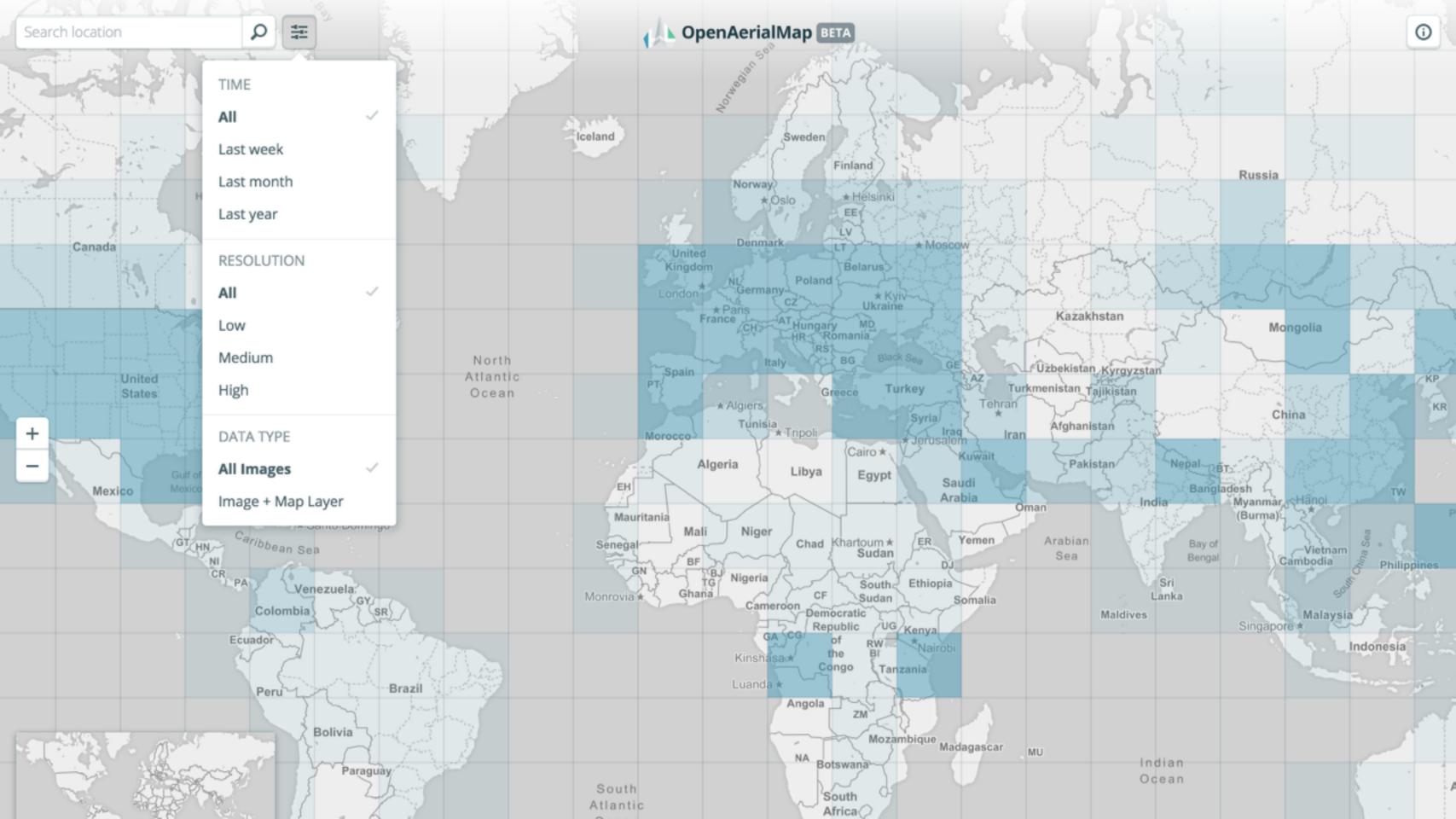
API Access the Data

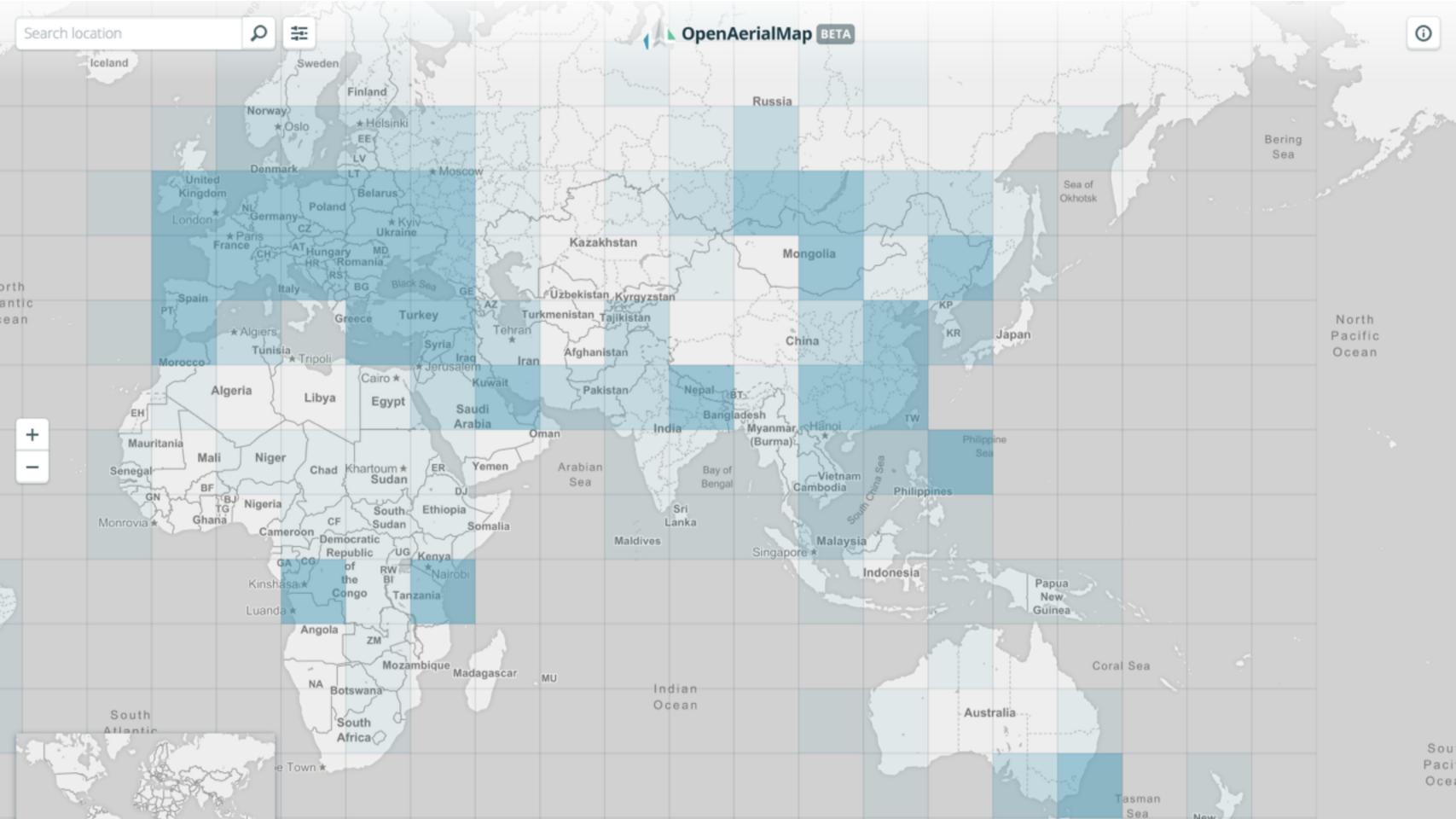


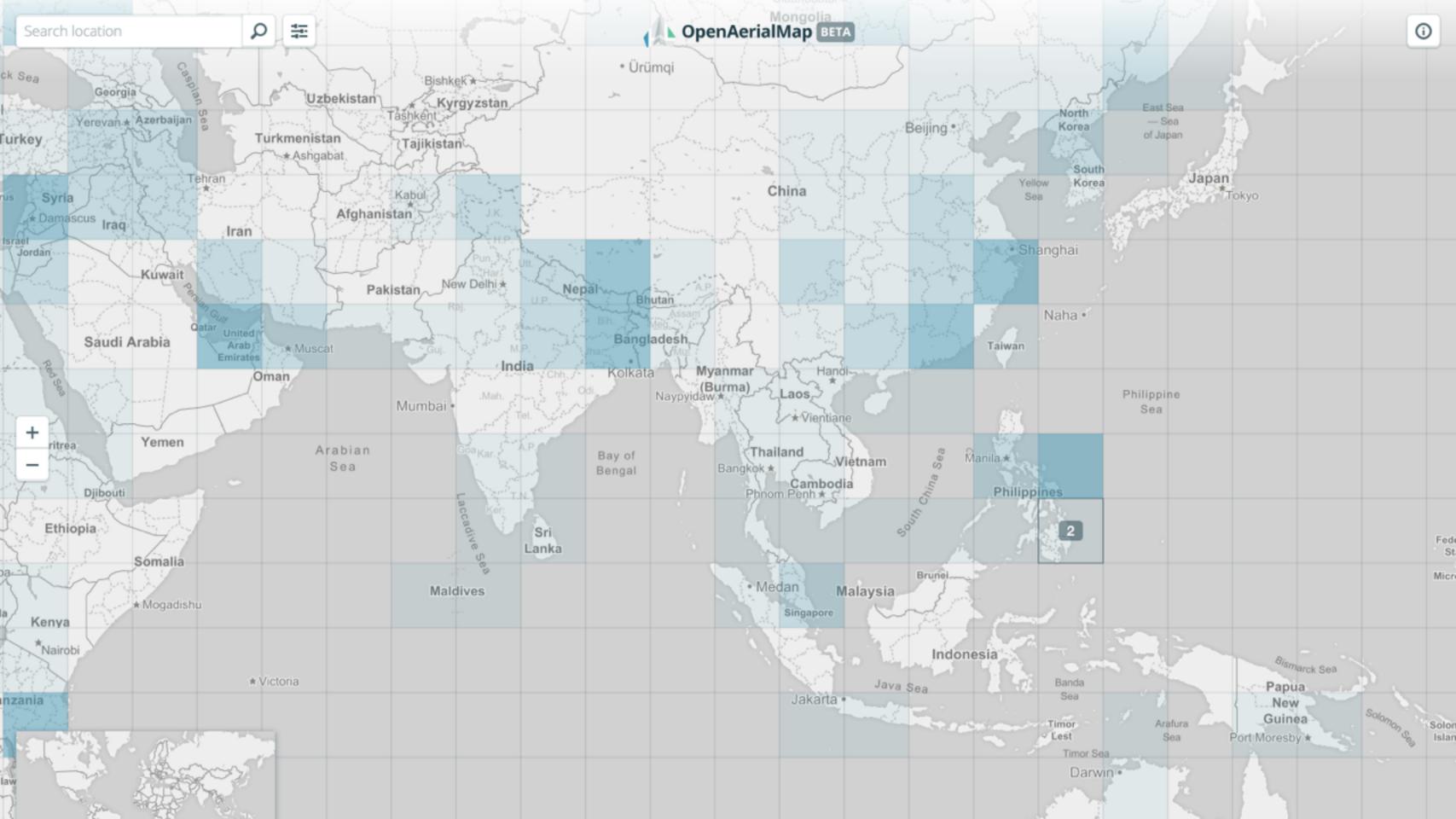
Upload Contribute imagery

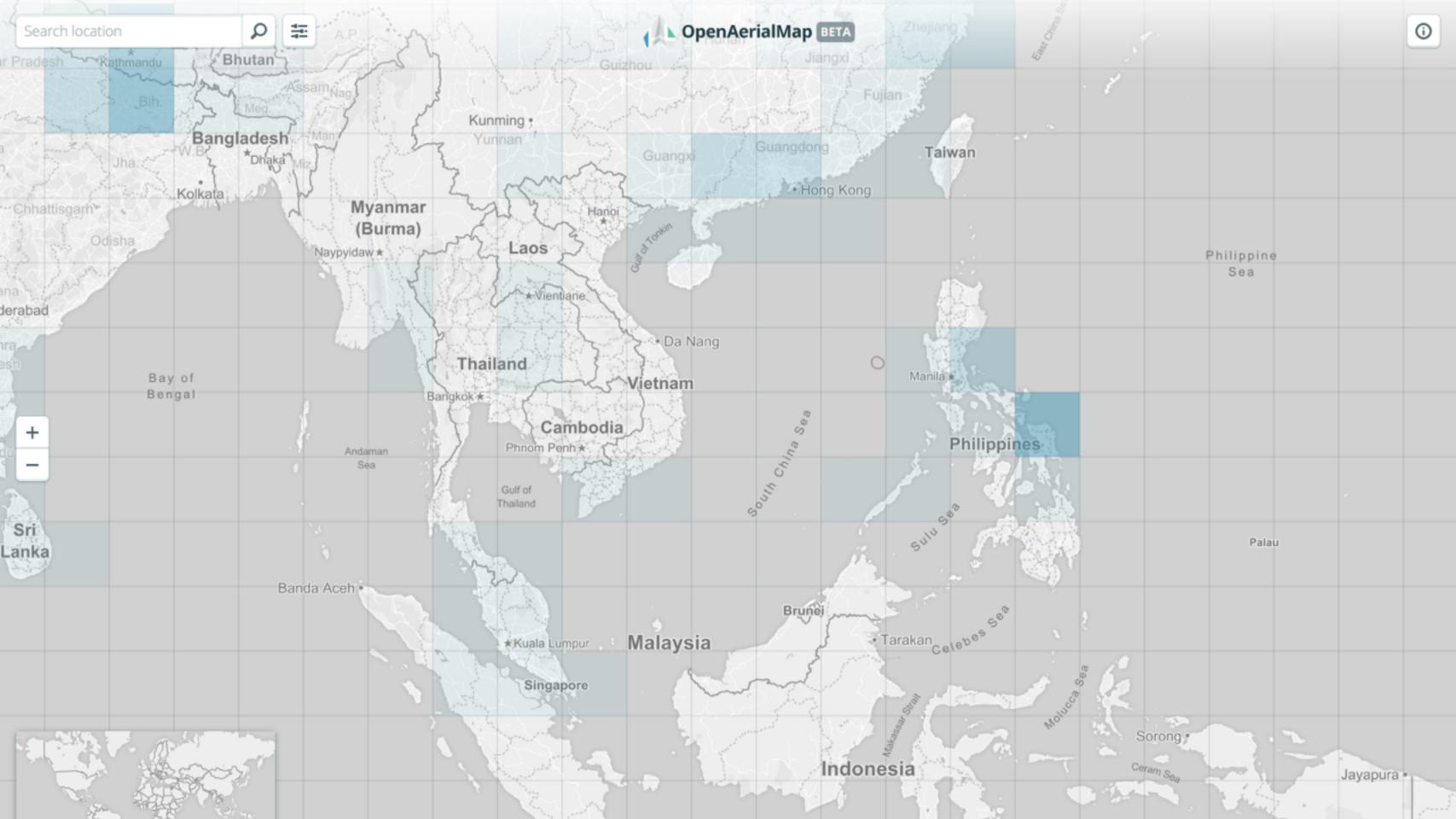


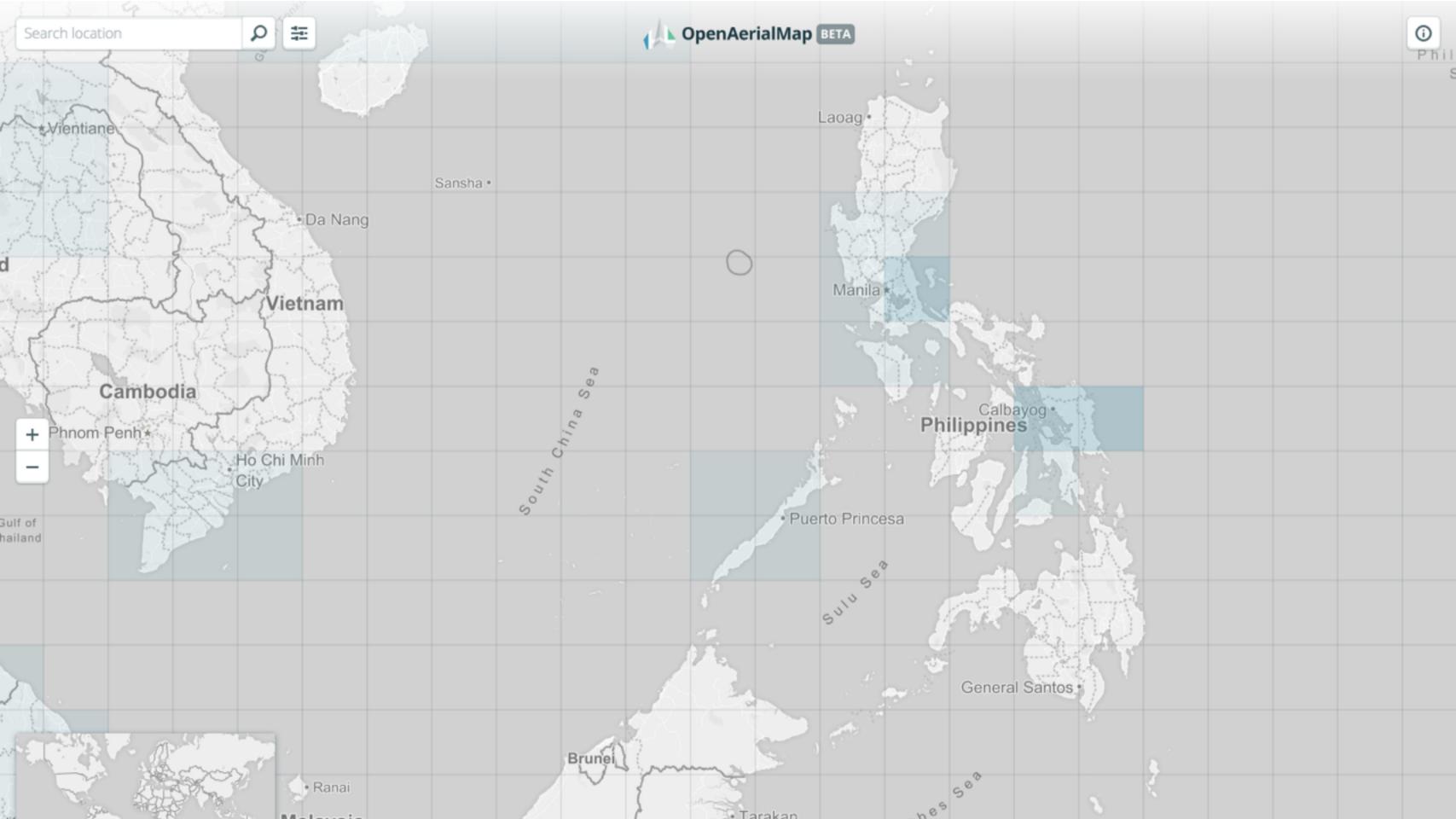


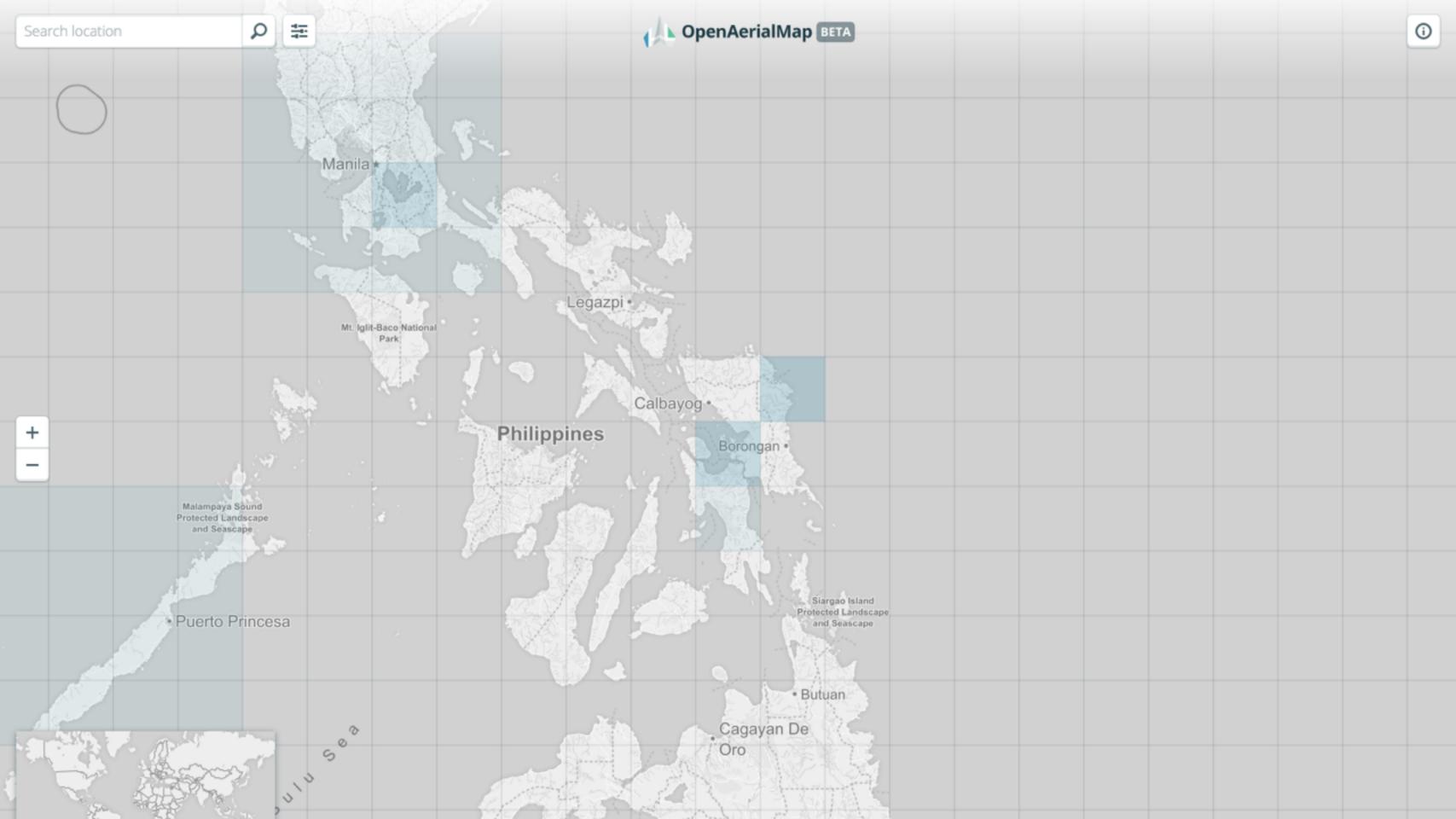


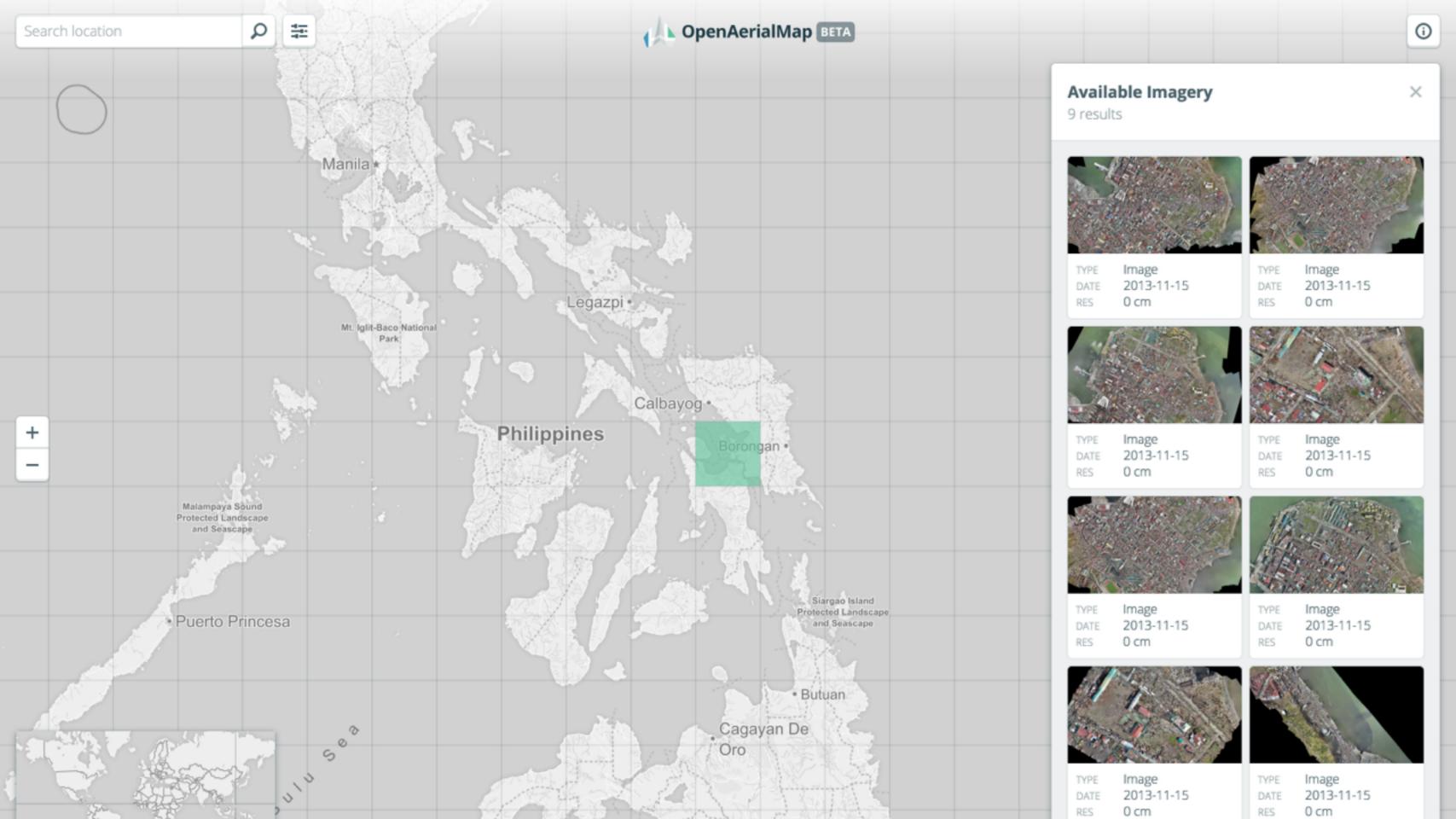


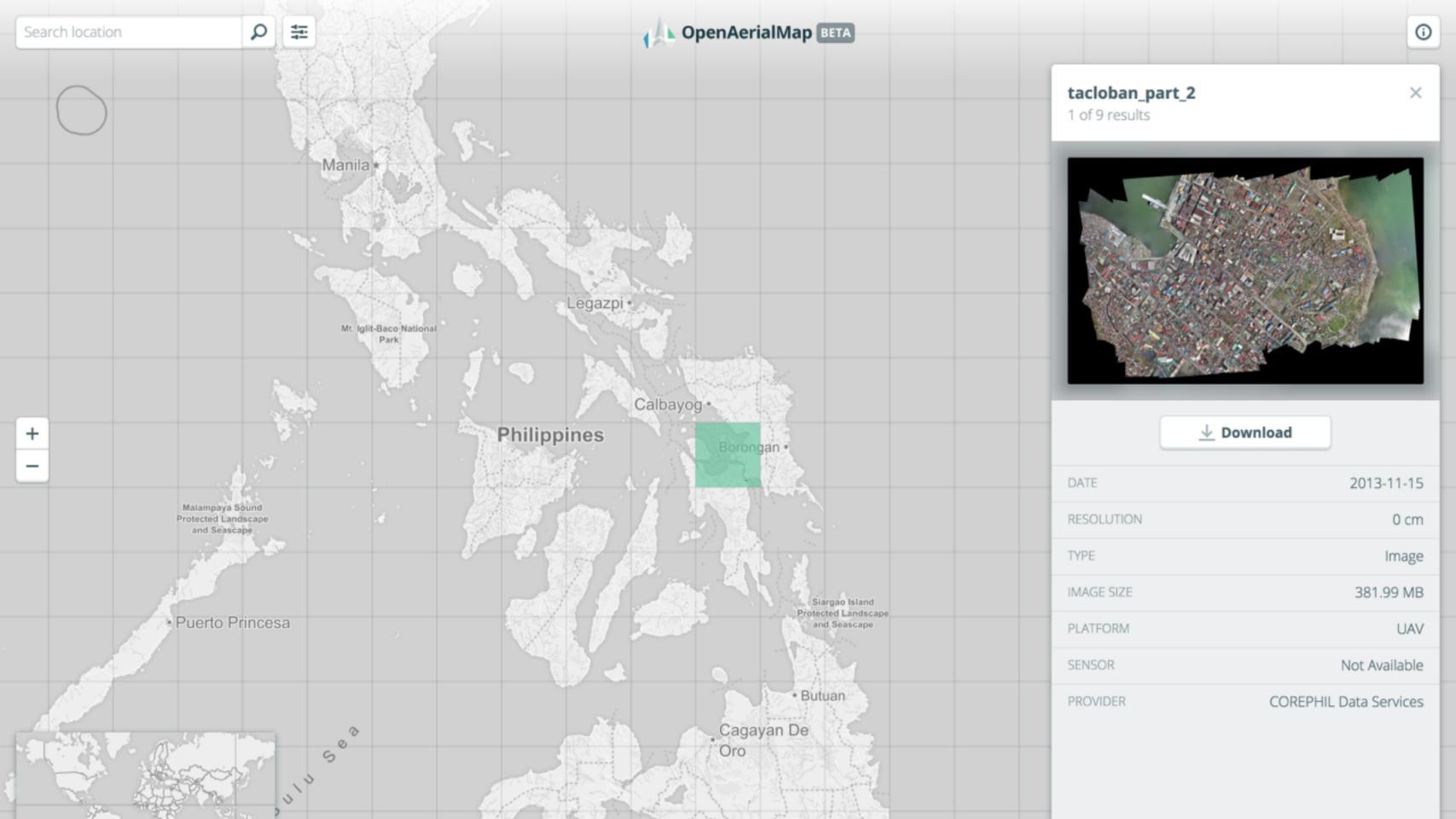


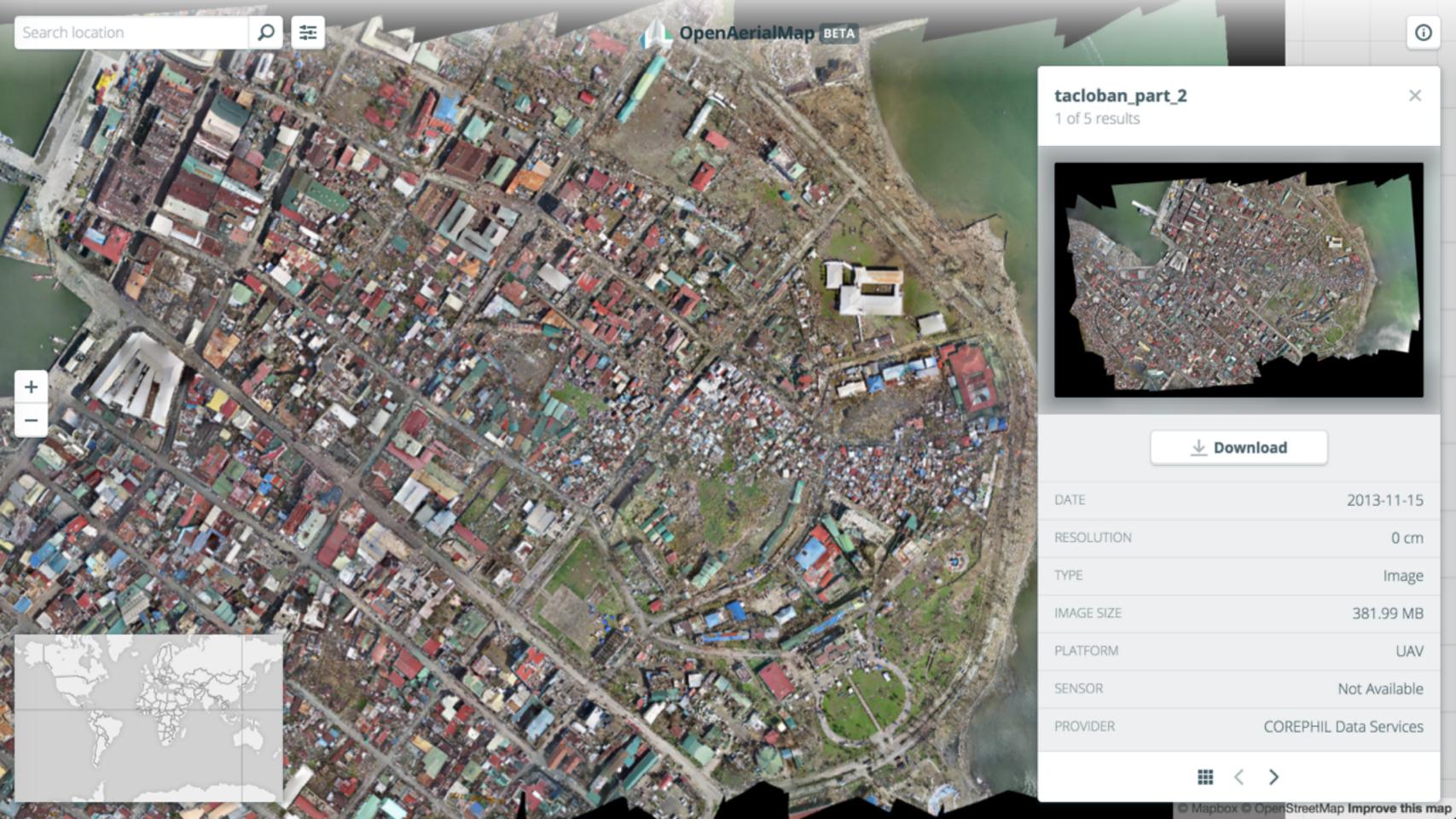


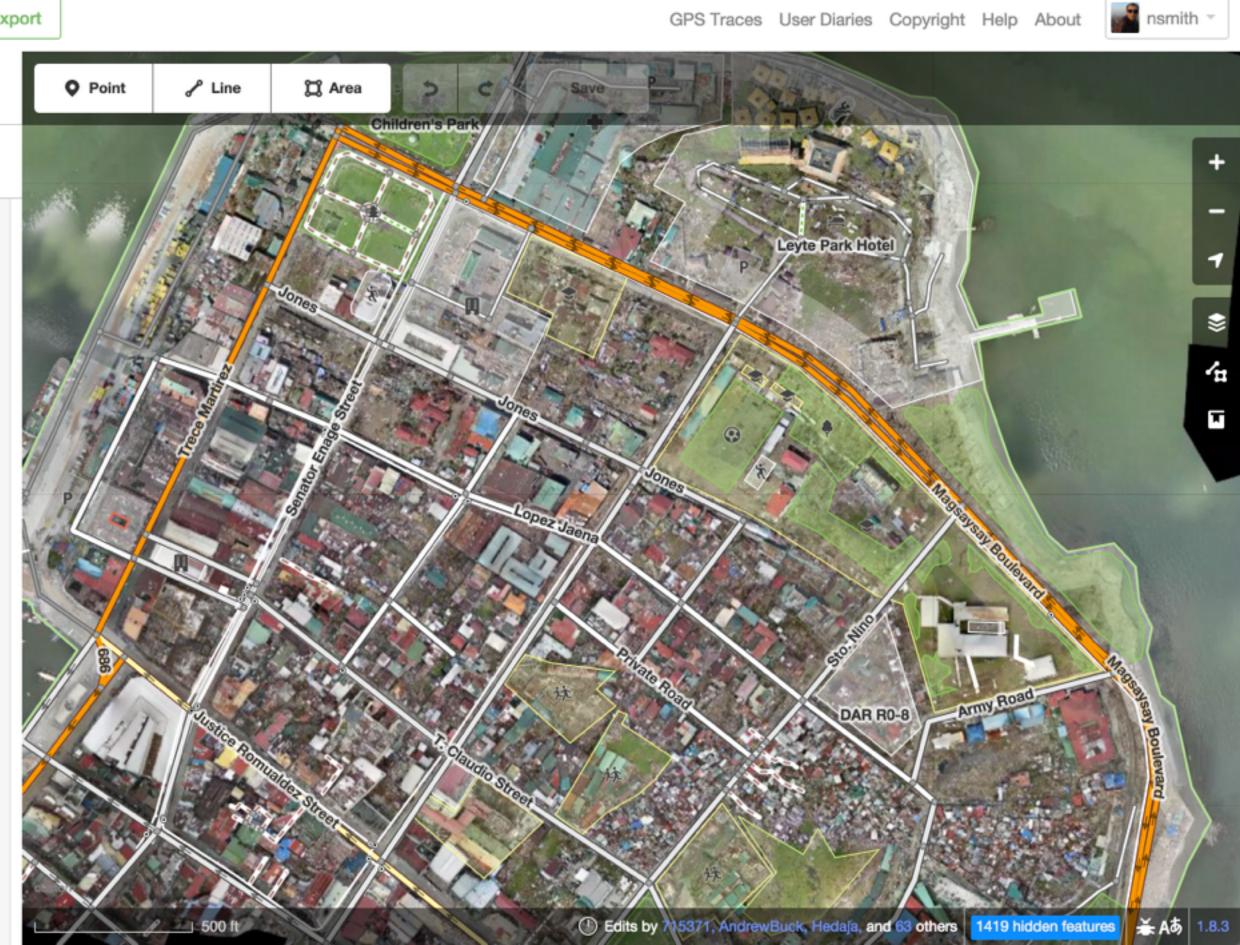


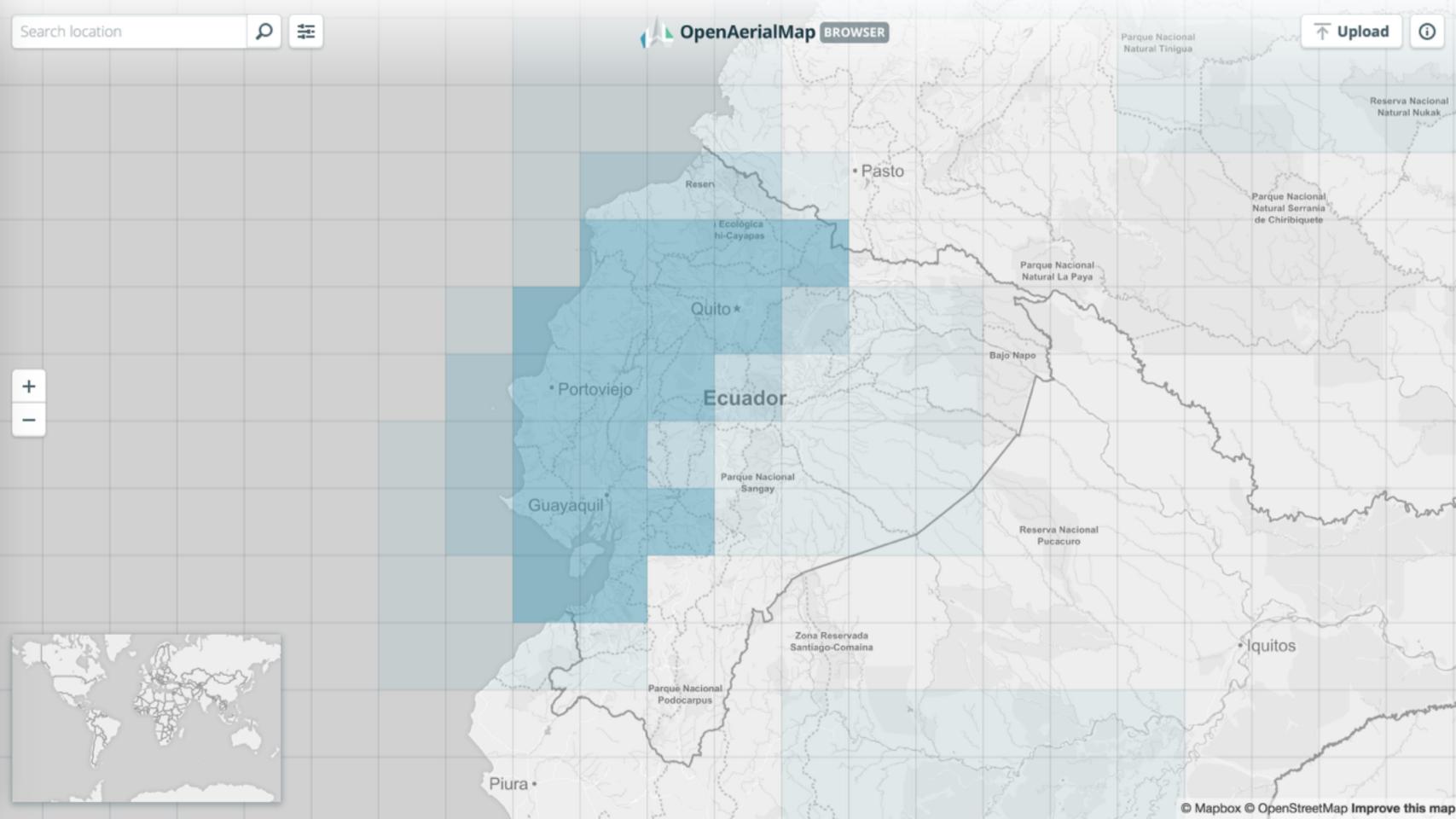


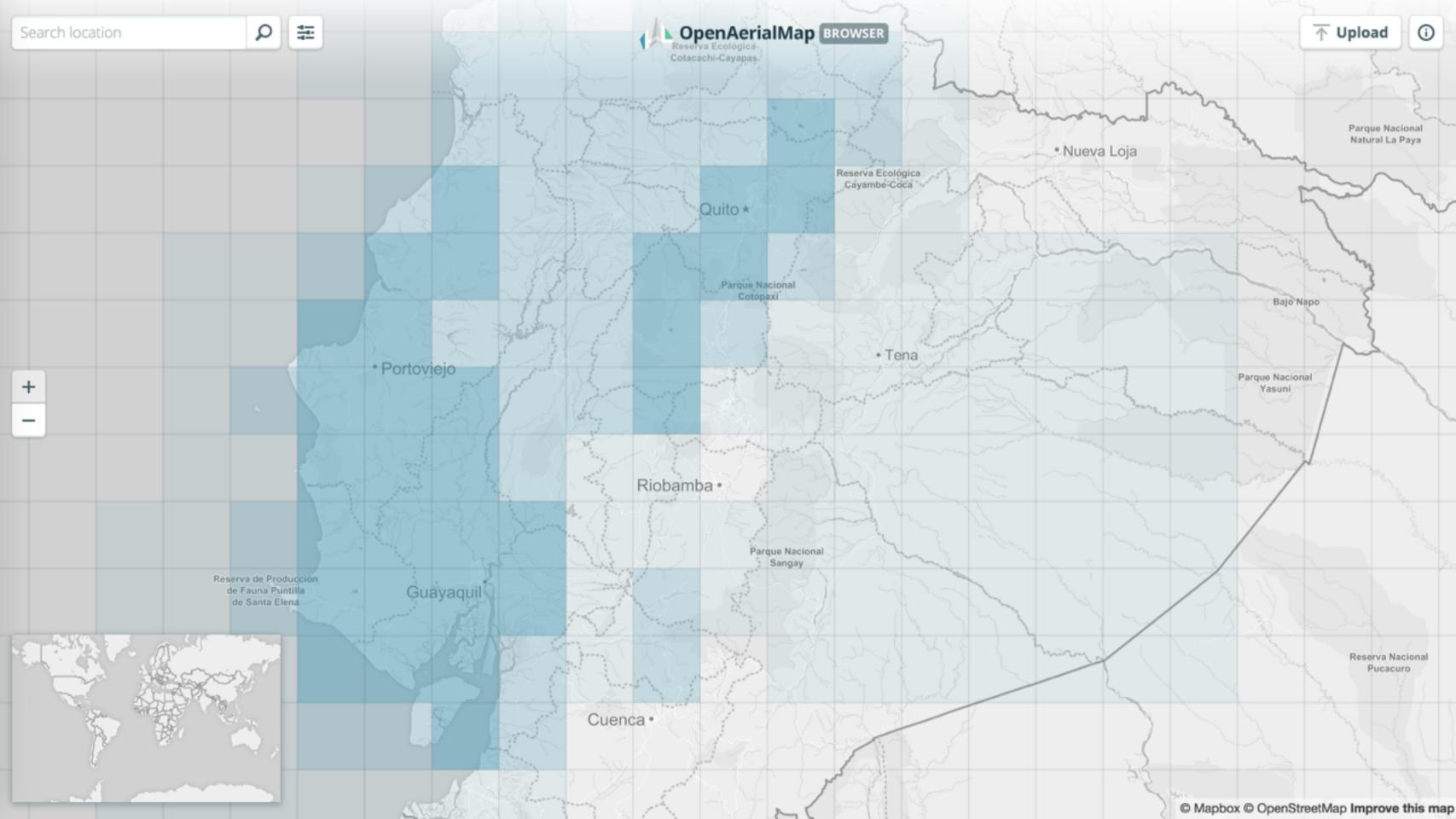


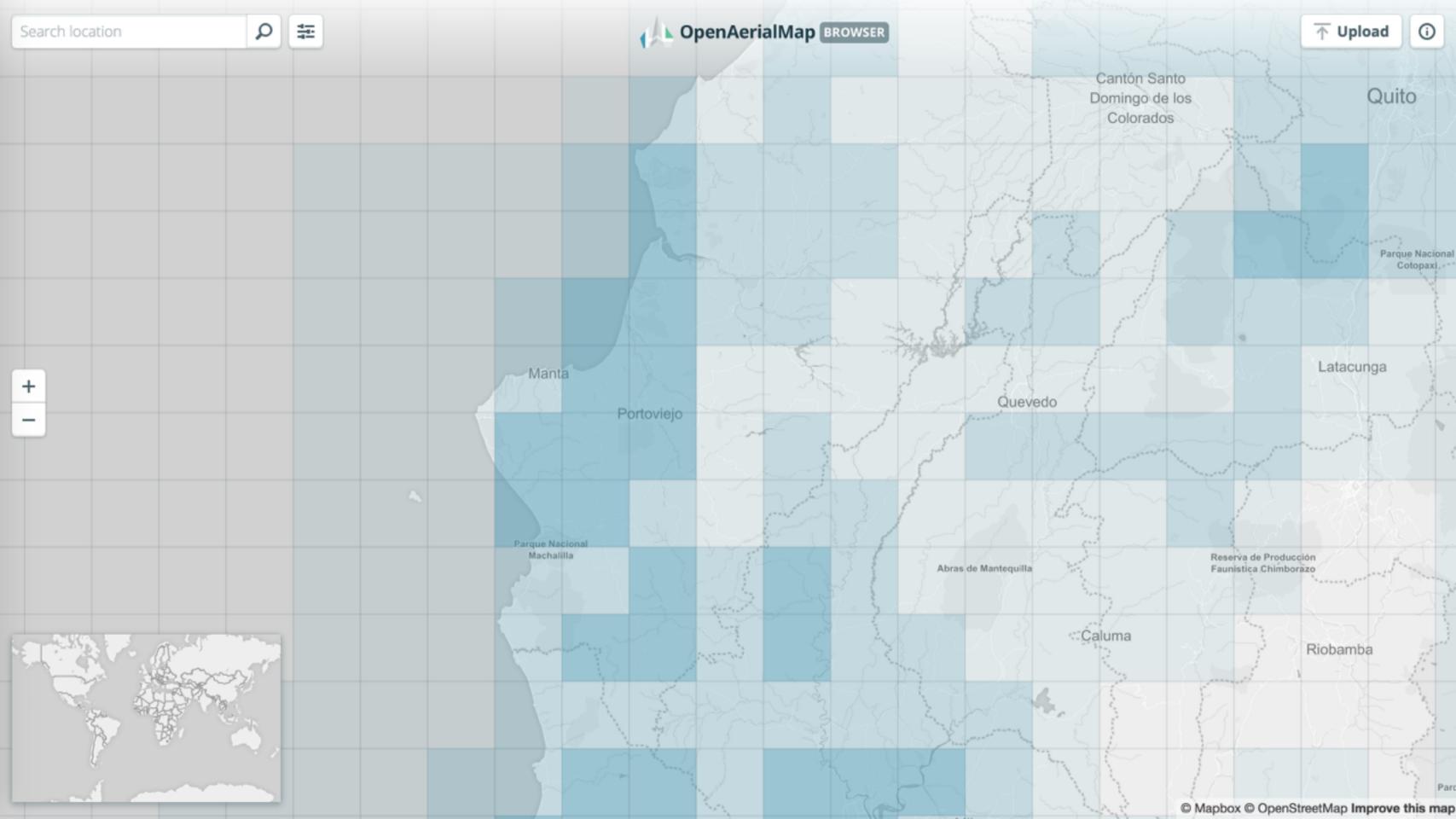


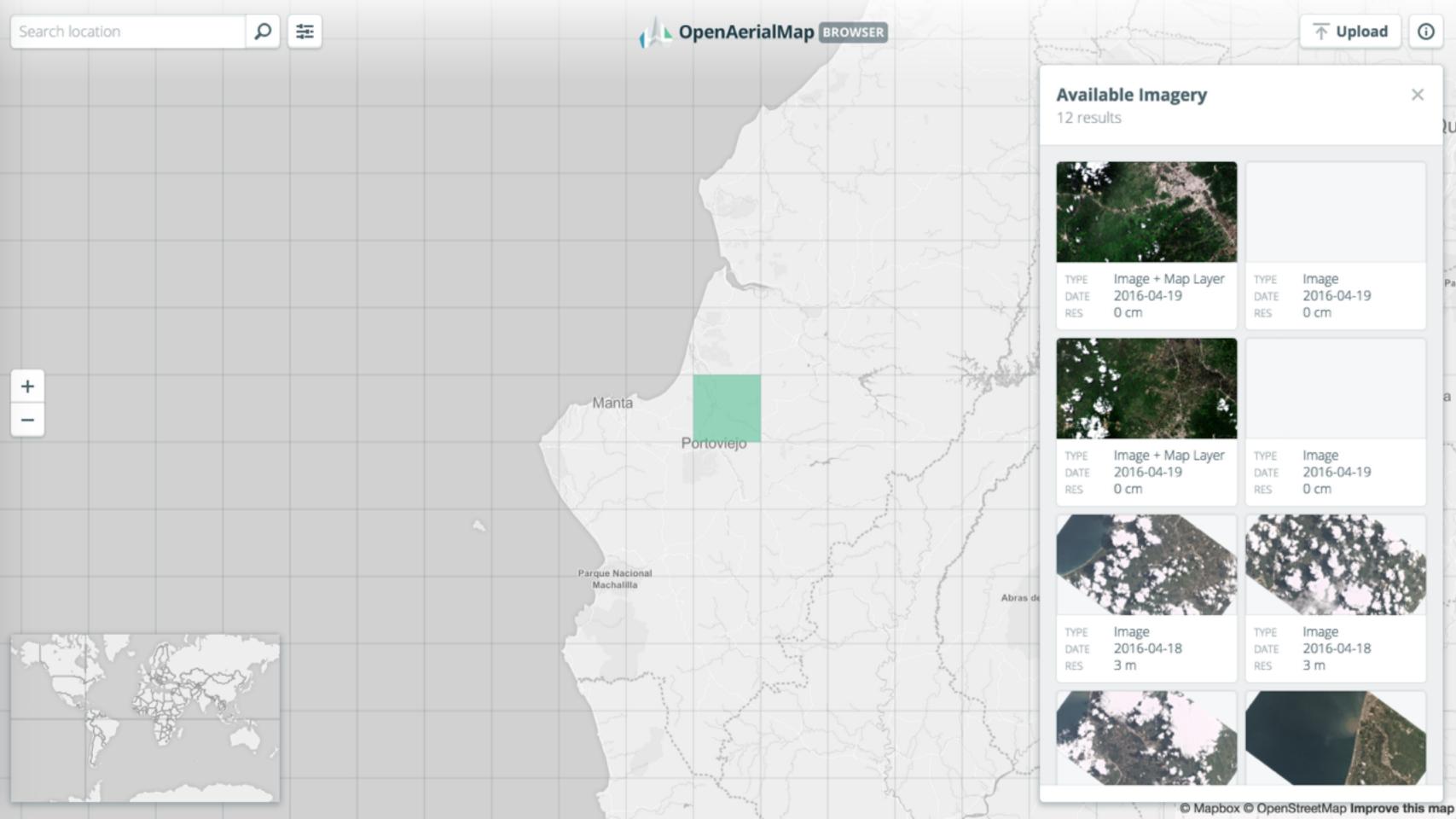


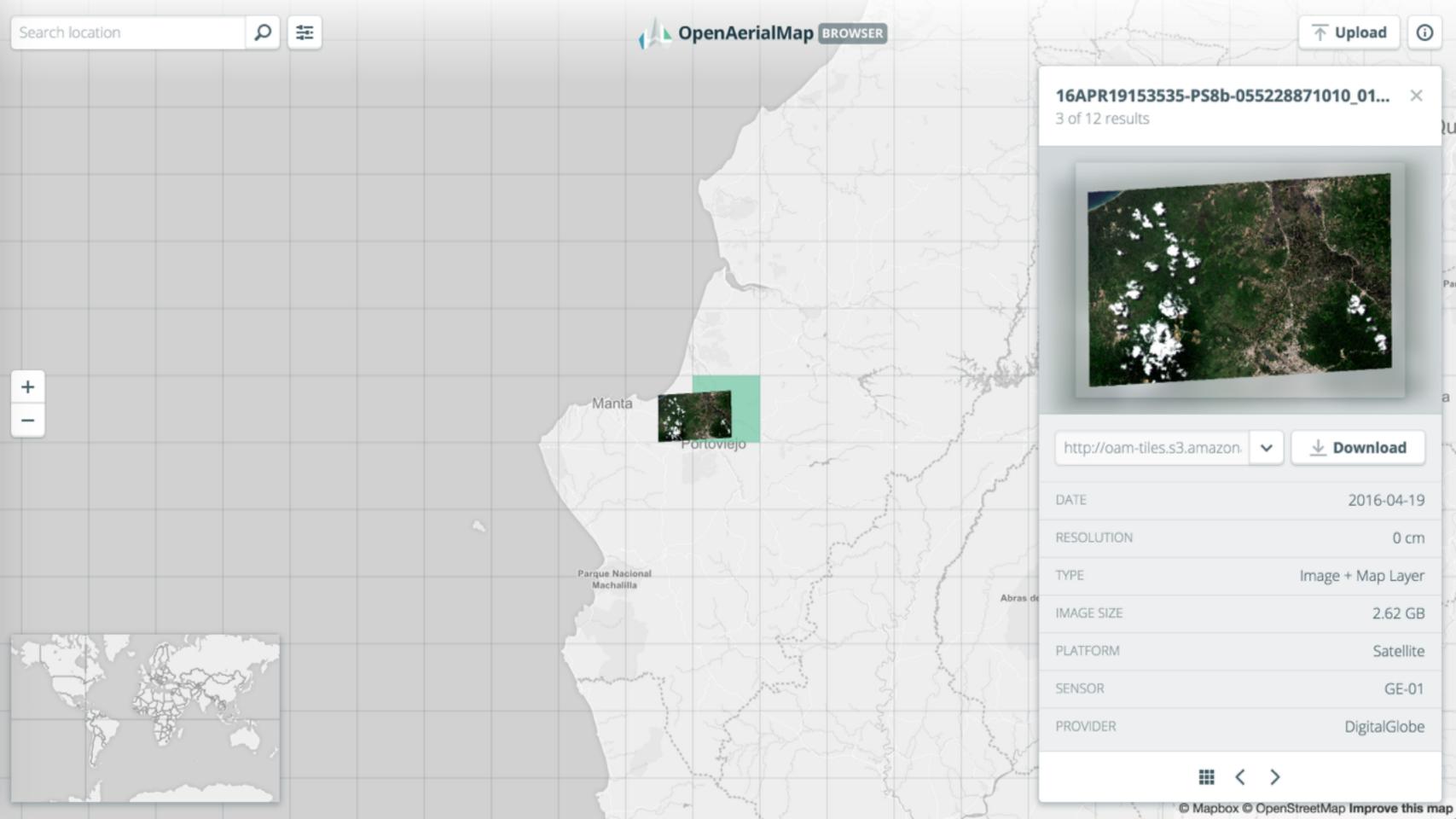














GETTING STARTED

META

Add an image metadata Get an image's metadata List all images' metadata

TMS

Add a TMS List all TMS endpoints

ANALYTICS

Platform metadata

OpenAerialMap Catalog API

Getting Started

OpenAerialMap Catalog is an application programming interface (API) that serves metadata about available images and map layers. The API provides access to all imagery metadata information. The API provides endpoints for lists of images available, map layer services available, as well as simple analytics.

More information on installation and running a stand-alone instance of the API can be found on Github.

See status.openaerialmap.org for more information on system status.

Meta

Meta - Add an image metadata

Add an image to the catalog. This is an authenticated endpoint.

POST

https://oam-catalog.herokuapp.com/meta

Parameter

Field		Туре	Description
uuid	optional	string	Location of image.
footprint	optional	string	GeoJSON footprint of image.
bbox	optional	string	Bounding box of image

Success 200

```
- meta: {
             provided_by: "OpenAerialMap",
             license: "CC-BY 4.0",
              website: "http://beta.openaerialmap.org",
              page: 1,
              limit: 100,
              found: 1108
    },
- results: [
        - {
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                                   + [...]
                               ],
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                      },
                      contact: "Jeremy Heesu Sohn - jeremyheesu@gmail.com",
                      provider: "COREPHIL Data Services",
                      platform: "UAV",
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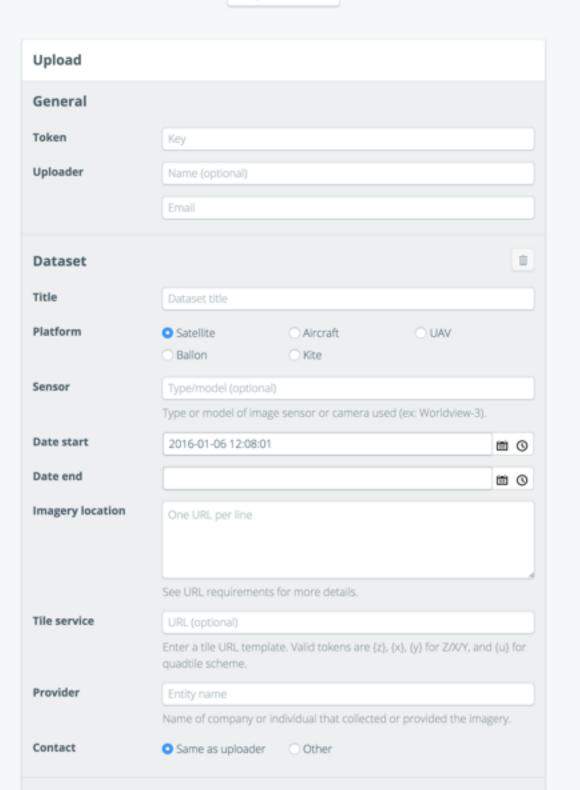


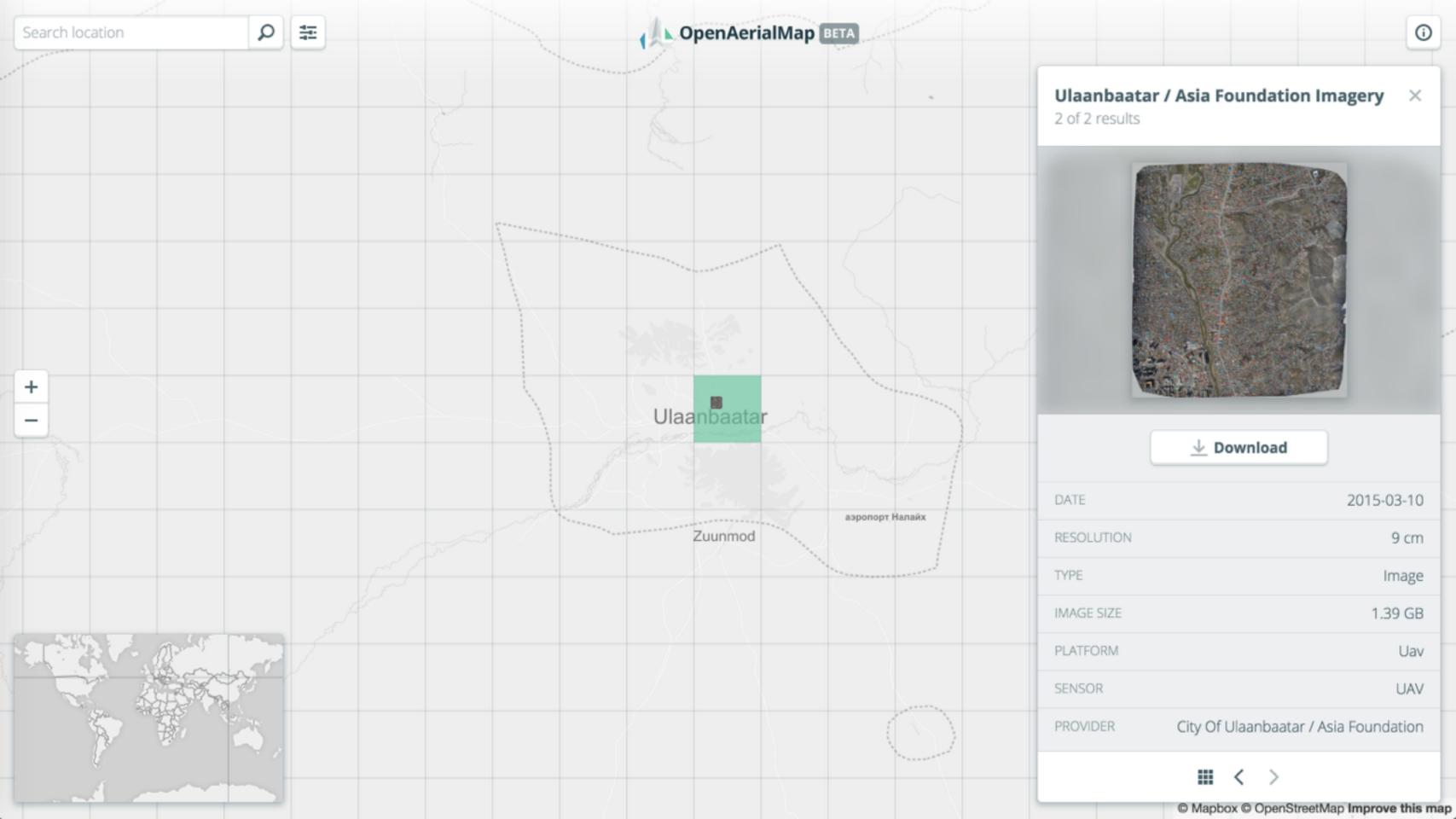


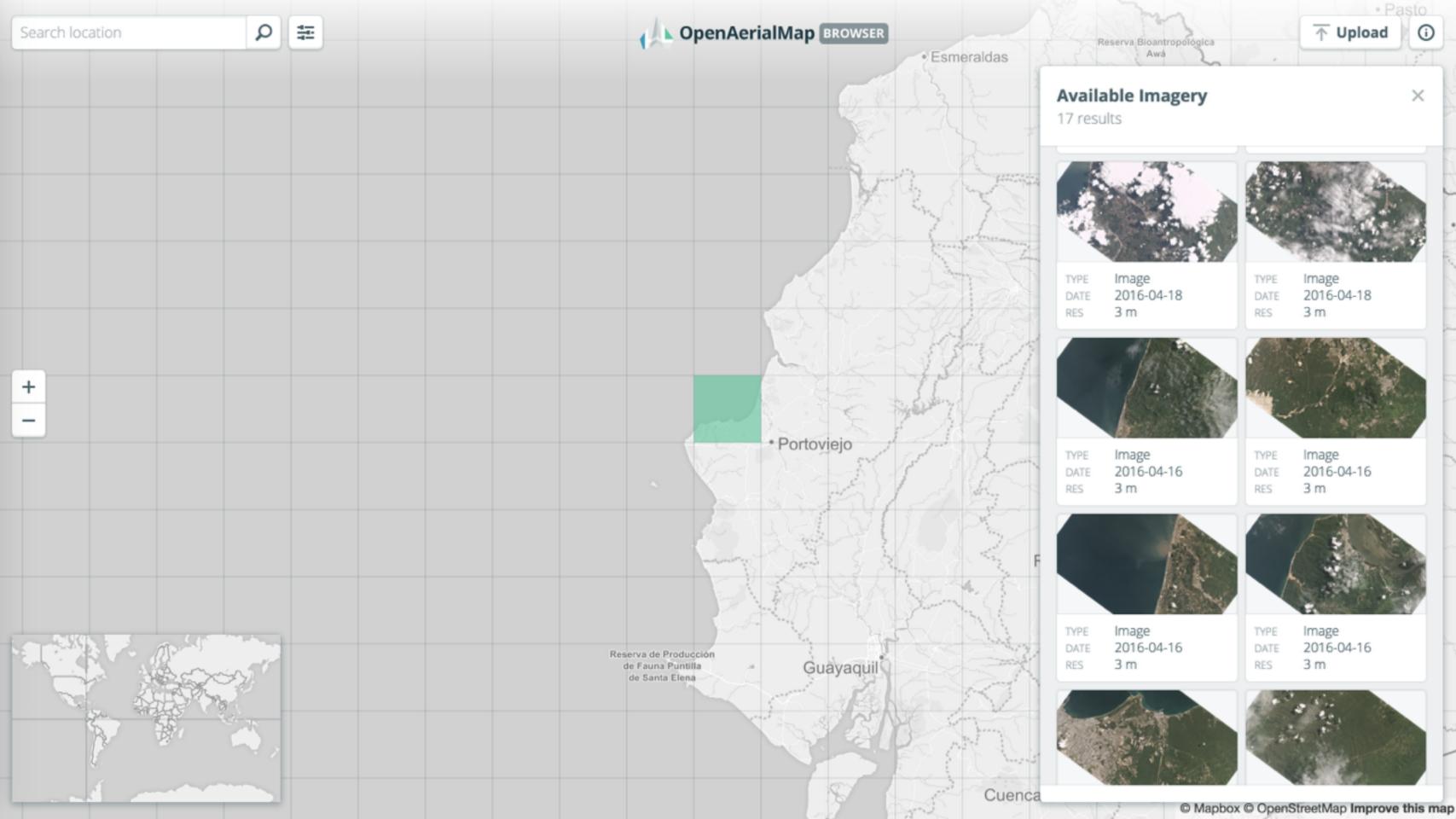
Welcome to the OpenAerialMap Imagery Uploader.

Use the form below to submit your imagery - a valid upload token is needed. Read the documentation to learn how to contribute.

Request a token







Built on a few principles:

- Open imagery is important for coordination and access. Licensing is key.
- Imagery should be accessible in raw AND derivative format

— OpenStreetMap is an important consumer

Why does open imagery matter?





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Open imagery and data to support Ecuador earthquake response

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Last weekend, Ecuador experienced a devastating 7.8 magnitude earthquake which resulted in the deaths of 350 people and another 2,500 injured. While rescuers attempt search and rescue missions, many are still unaccounted for, especially in the cities of Manta and Portoviejo which suffered extensive damage. According to the U.S. Geological Survey, this is the strongest earthquake to impact Ecuador since 1979, and President Rafael Correa has declared a national state of emergency.



Annual Archives

2016 (12)
2015 (56)
2014 (32)
2013 (21)
2012 (3)
2011 (24)
2010 (9)

Social Media

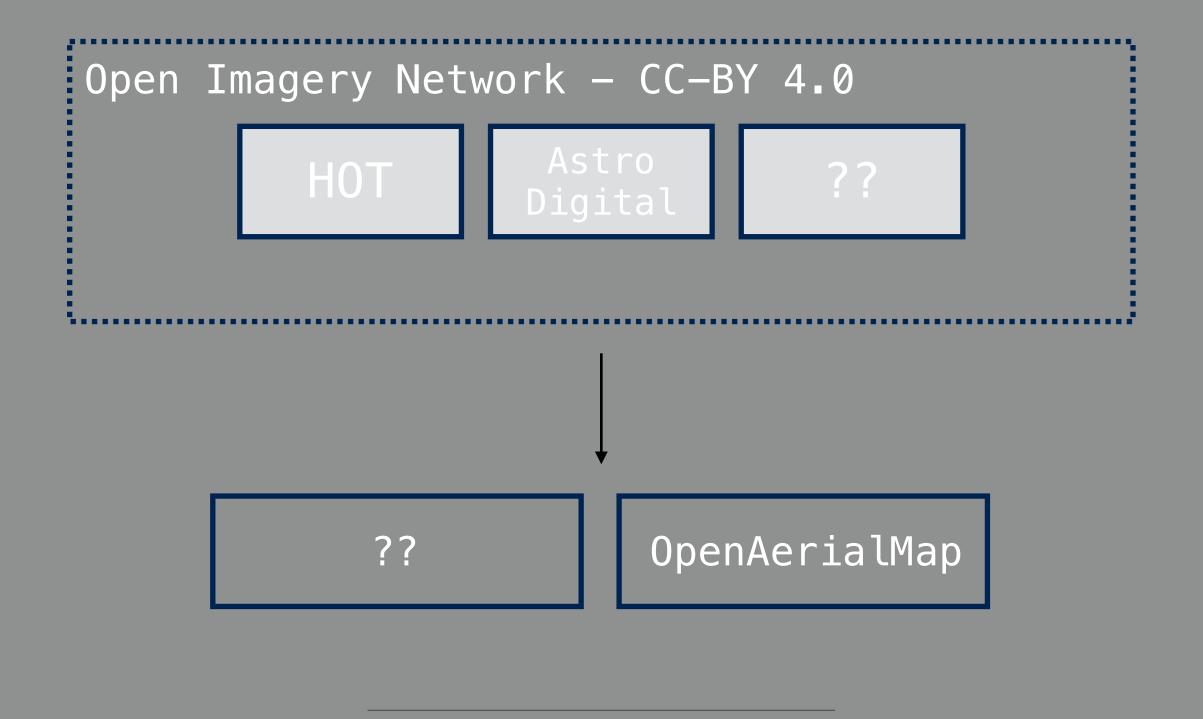






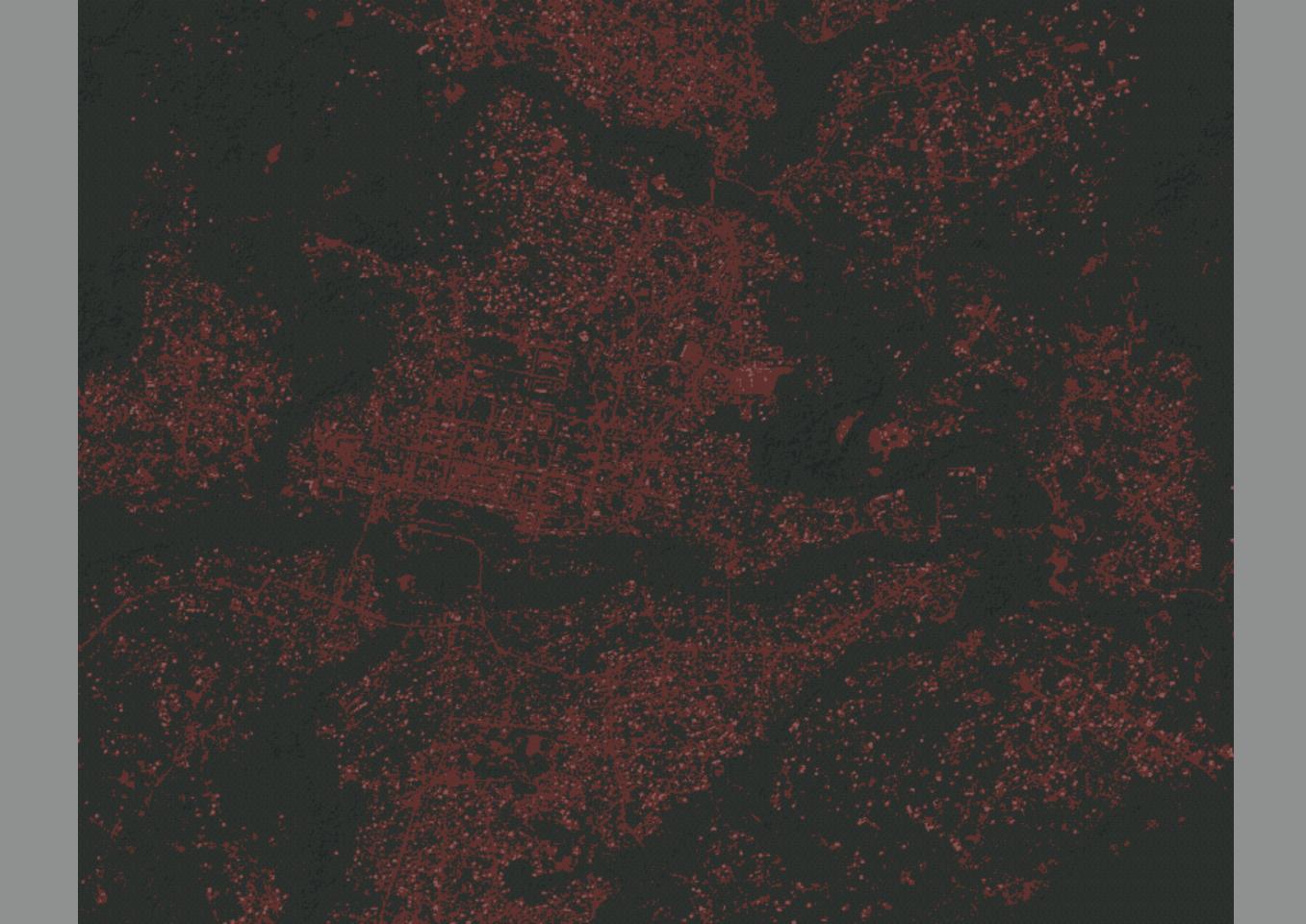






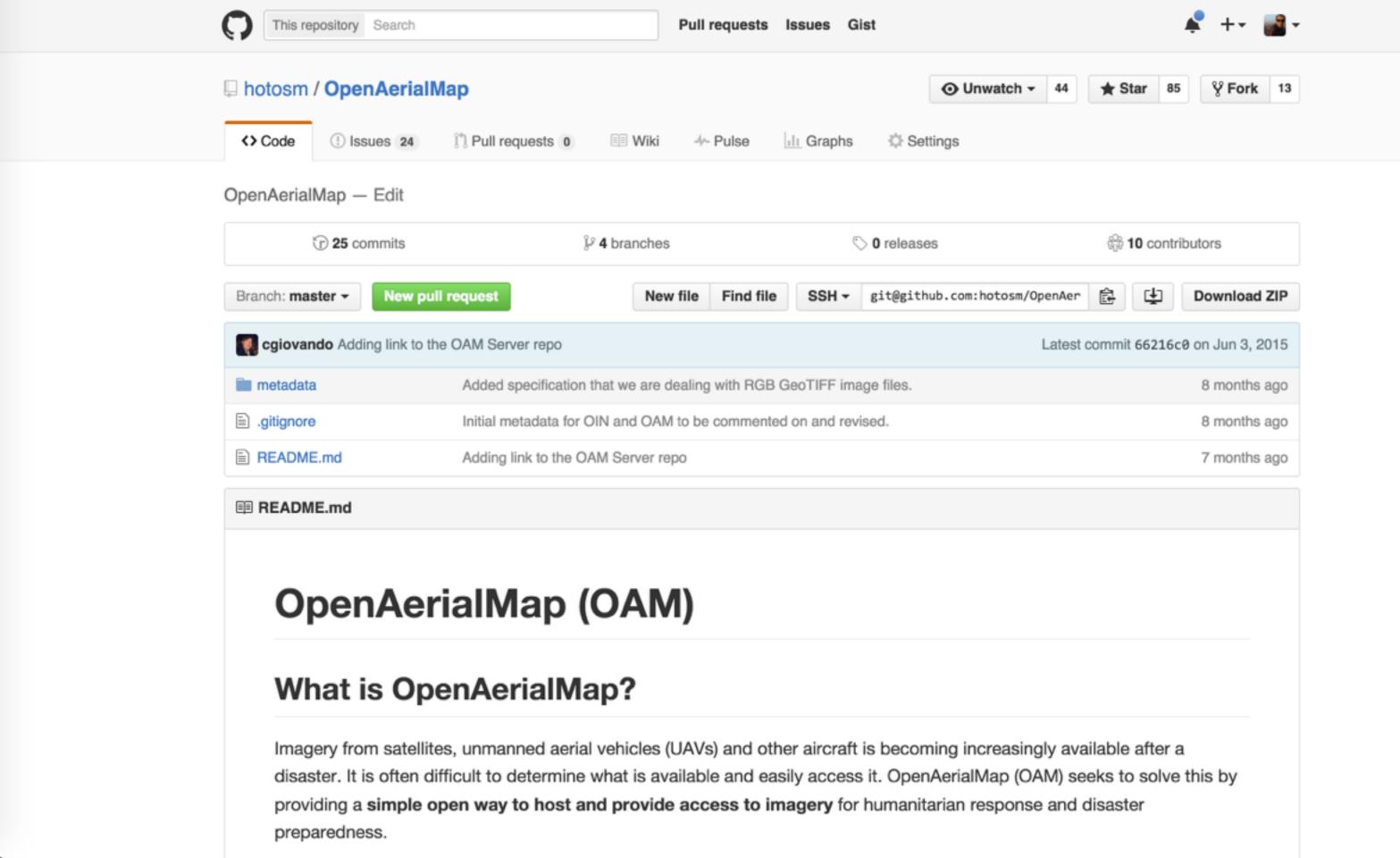
Open Imagery Network is a simple, distributed federation of highly available public file stores.

Why does the future needs tools like OAM?





- Community growth
 More upload &
 sharing
- -- Conduct & guidelines



Demo time!