

Get Started

Experience a cloud-based data API that removes the complexity of processing large volumes of satellite data. Instantly access Sentinel, Landsat, and other Earth observation imagery – archives of more than 5 PB of data, both historic and the latest acquisitions, increasing at a rate of about 300 TB every month. Scale your system globally with an intuitive and user-friendly interface, without any hassle.

Sentinel Playground and EO Browser are freely available online.

For advanced services request a trial at

www.sentinel-hub.com/trial



Sinergise Ltd., Cvetkova ulica 29
SI-1000 Ljubljana, Slovenia

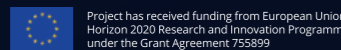
info@sentinel-hub.com
+386 1 320 61 50
www.sentinel-hub.com



All satellite images in this publication are processed by Sentinel Hub and contain modified Copernicus Sentinel data 2016-2019.



EUROPEAN EO COMPANY
OF THE YEAR 2018



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Global Archive of Earth Observation Data

Sentinels (1 SAR, 2 MSI, 3 OLCI and SLSTR, 5P), Landsat (8, ESA archive of 5 and 7), ENVISAT, MODIS.

We are continuously updating these datasets and we plan to include many others in the future.

Real-Time Full Resolution Access over the Web

We have significantly reduced satellite data processing time, giving everyone an opportunity to find relevant data anywhere on Earth and dive into details in a matter of seconds.

Serverless Processing with JavaScript

Sentinel Hub offers numerous predefined visualization options and also allows you to create your own EO products with simple JavaScript configurations.

Multi-Temporal and Statistical Data Analysis

Experience the power of multi-temporal remote sensing enabling change detection and improved land cover classification.

Bring Your Own Data

Access your own data stored on your S3 bucket with the powerful Sentinel Hub API. The data stays fully under your control and no replication is needed.

Egg Island, Bahamas, Sentinel-2 image acquired on February 2, 2018

Developers & Data Scientists

Use in Desktop and Web Applications

Easy integration with desktop and web GIS software such as ArcGIS, QGIS, MapBox, Carto, Google Maps, Leaflet, OpenLayers and others. Standard web services – WMS, WMTS, WCS and WFS – are also available, configurable and customizable with various output formats, projections and processing algorithms. You can easily use the services in existing products or develop new applications.

REST APIs for Advanced Feature Integration

Helping experts and software developers build new Earth observation services using our REST interfaces and open-source libraries.

Underwater structures of the Great Bahamas Bank, Sentinel-2 image acquired on March 26, 2019

sentinelhub Python Package

Allows users to make WMS and WCS web requests to download and process satellite images from various data sources within your Python scripts and Jupyter Notebook.

<https://github.com/sentinel-hub/sentinelhub-py>

eo-learn for Easy Extraction of Valuable Information

The *eo-learn* library acts as a bridge between the Earth observation/remotely sensing field and the Python ecosystem for data science and machine learning.

<https://github.com/sentinel-hub/eo-learn>



Cloud API for Satellite Imagery

Explore the World with Sentinel Hub

Sentinel Playground

Explore satellite imagery in an easy-to-use web application. Select from a variety of products or create your own.

<http://sentinel-hub.com/explore/sentinel-playground>

EO Browser

Query satellite data, inspect results in various colour composites in full resolution, and download for offline analysis.

<http://sentinel-hub.com/explore/eobrowser>

Sharm El Sheikh, Egypt, Sentinel-2 image acquired on January 31, 2019



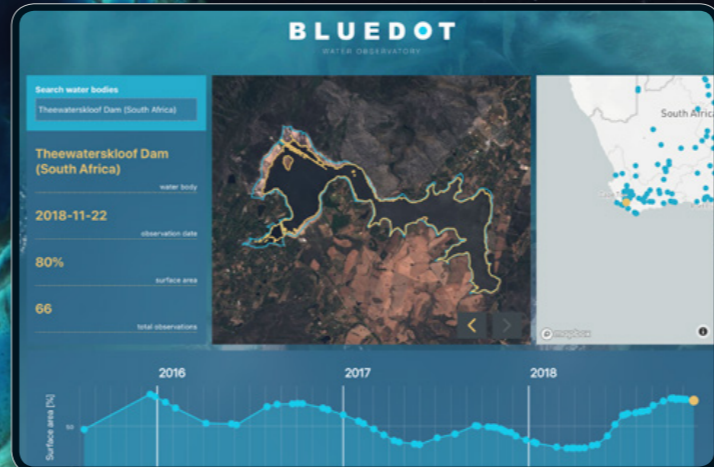
Insurance Industry

Mapping natural phenomena such as floods and earthquakes, track hurricanes and monitor land subsidence across the globe can be valuable to insurance companies for risk and damage assessment.



Agriculture

Satellite imagery is revolutionising agriculture and can help farmers and public authorities take land monitoring to a new level.

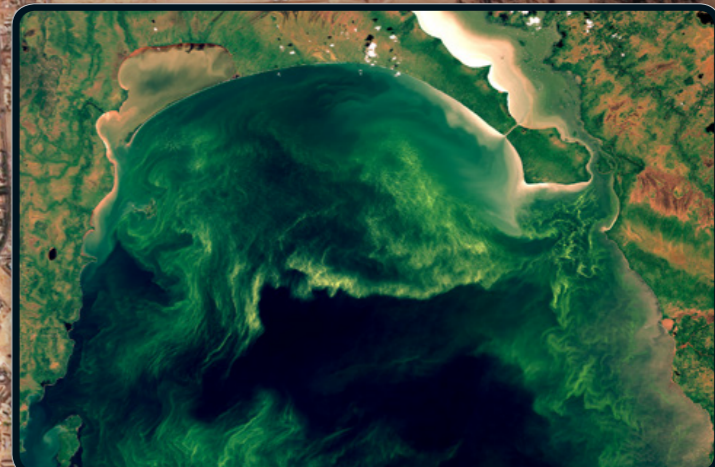


Water Resources Monitoring

Global current and historic data about water resource conditions provides valuable information for predicting future water crisis.

Drought Monitoring

By monitoring vegetation changes over time, droughts can be monitored by comparing the current vegetation state to its long-term average.



Journalism and Media

Satellite imagery is increasingly used for reporting and helping journalists present facts in a more objective way.



Land Change Detection

Sentinel satellites provide support to land monitoring services and ensure frequent and systematic coverage to support the mapping of land cover, classification and change maps, accurate assessment of geophysical parameters, and more.