





**URL** <https://digital-dryads.eu/#>

### Quick facts

-  Company: Digital Dryads
-  Sector: Forestry
-  Product / service: Application
-  Type of data: Geospatial data
-  Origin: Romania

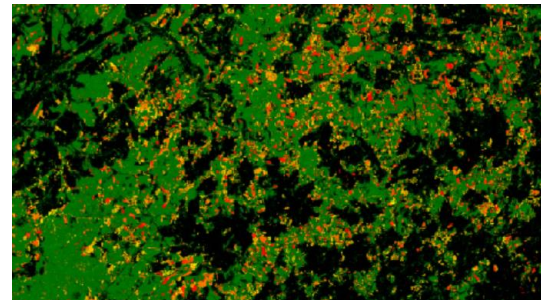


### Description

Digital Dryads' application aims to protect forests from illegal deforestation by combining aerial and multi-spectral satellite imagery. The map on the application shows pixels that are forest in green. Everything that is not forest is black. Moreover, the application enables you to see parts of the forest that are allowed to be cut (yellow) and parts that have been recently cut (red). It also shows whether the forest is protected (quasi virgin, virgin or UNESCO), making it easy to spot whether the forest was legally cut or not.

### Benefits

Easy to use application that simplifies the process of spotting whether a forest was legally cut.



### How open data is used

The application uses Copernicus satellite imagery and data, spectral analysis and machine learning to project forest loss along different time frames. It enables you to see parts of the forest that have been recently cut by combining satellite data.

