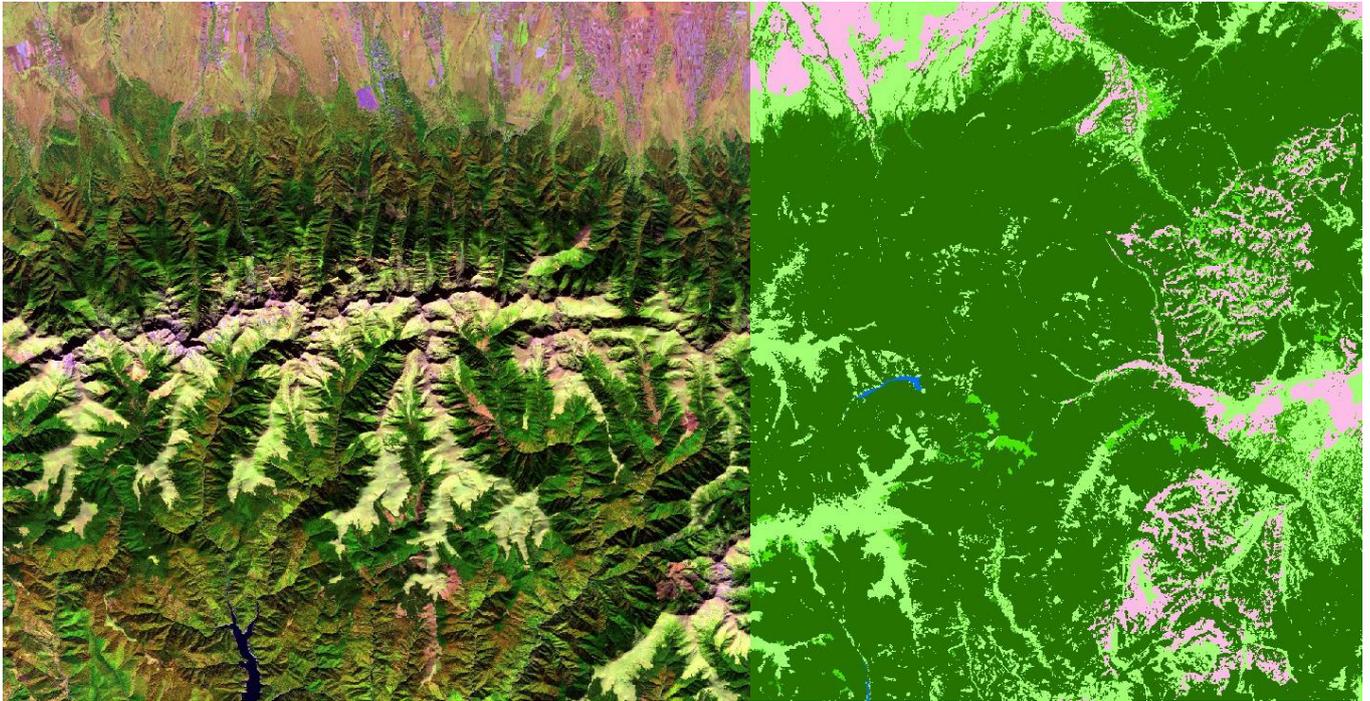


DEFORESTATION ASSESSMENT

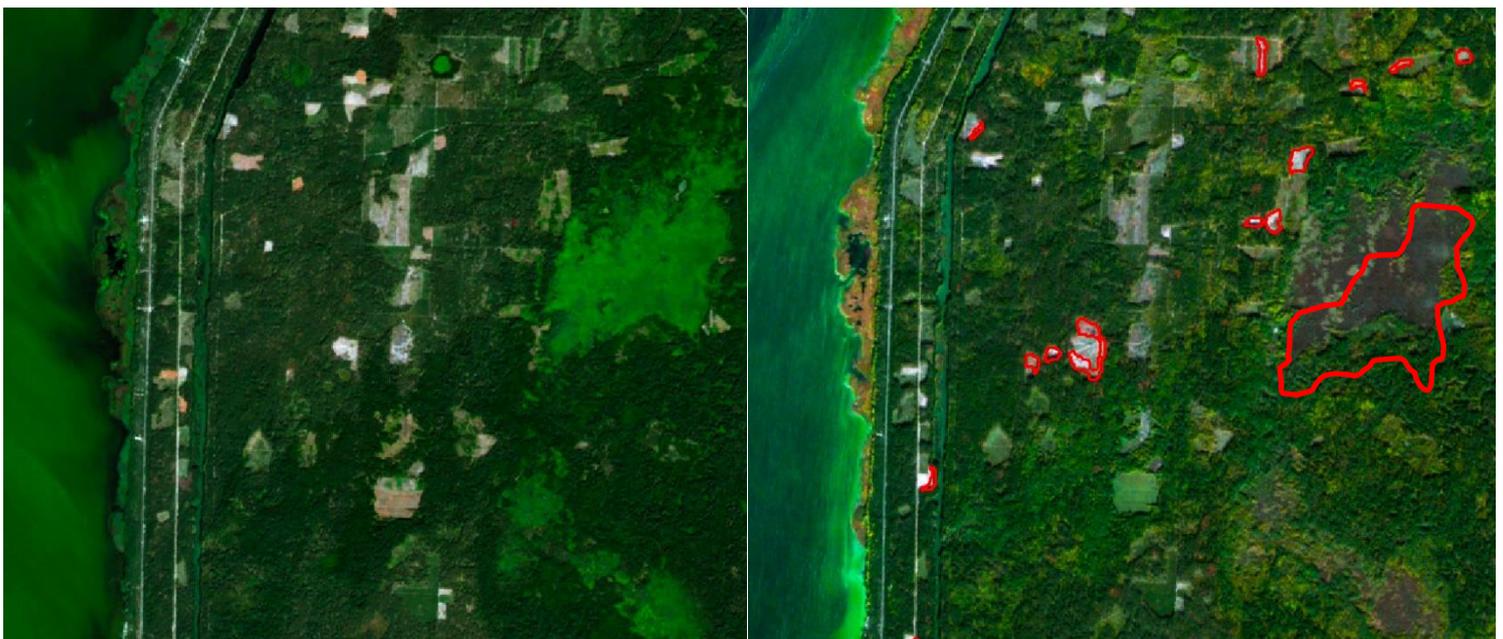
The forests cover 1/3 part of the Earth and supply the humanity with oxygen. That's why it is of vital importance to protect them from illegal cutting, monitor the legal deforestation process, forest fires and any other processes caused by the climate changing.

Visicom produces the geospatial layers of forests by the means of the vegetation recognition technology based on the middle resolution satellite images.

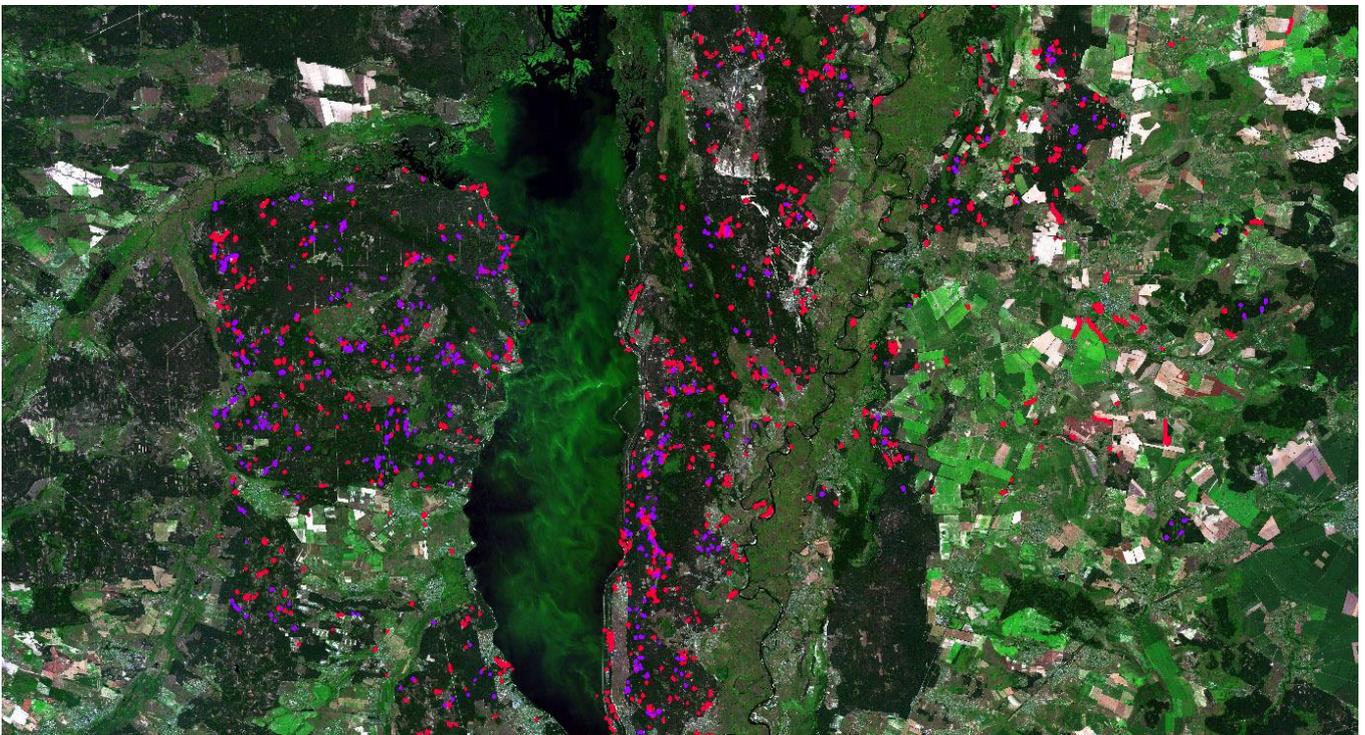
We use our own image processing technology containing data semantic segmentation, vegetation extraction, detection of the changes, geospatial analysis and deforestation calculation.



Source image - Forests recognition



Source image - Change detection



Change detection- Localisation of the places of illegal cutting

— Deforestation by 2017

— Deforestation by 2018

Our vegetation geodata and services for forest mapping help governmental and private organization improve the forest management by:

- Forest type classification
- Forest fires identification and response
- Planning of new trees planting

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