We combine the latest Earth Observation data from a wide range of sensors, platforms and sources with ground-based information to better map and monitor our Worlds’ forests. We develop cutting-edge techniques in image processing, data analytics and statistical analysis and transform remote sensing data into the reliable and evidence-based information that is needed for forest-related decision making. We offer custom-tailored solutions for forest applications ranging from sustainable forest management support for local forest industry to country-wide forest monitoring and inventory anywhere on the globe.
What we offer:

From various remote sensing data sets …

- Satellite Time Series Data
- VHR Satellite Data and 3D Models
- Airborne LiDAR Data

- National Forest Inventory
- Forest Mapping
- Timber Volume Estimation
- REDD+ Reporting
- Damage Assessment

… we generate high quality products for a wide range of applications
Reference Projects:

**AlpMon**

Forest Damage Assessment from Satellite Earth Observation

AlpMon exploits latest Earth Observation data and technologies for near real-time forest damage mapping to empower forest owners and forest administration to better manage and protect our Alpine forests.

**EOMonDis**

Earth Observation Services for REDD+ monitoring

EOMonDis offers operational Earth Observation (EO) based tropical forest monitoring services to support accurate and relevant countries and a wide range of users with accurate relevant forest information for their management and reporting requirements including REDD+.

**SINCA**

Carbon Accounting for Vegetation and Land Use in Singapore

SINCA provides large scale LULC maps for carbon reporting of Singapore by means of remote sensing, image analysis and geo-informatics for the National Parks Board (NParks).

**Forest Atlas Styria**

Wall-to-wall mapping of forest parameters from airborne LiDAR and satellite data

The Forest Atlas Styria provides an extensive set of forest attributes for 7 Mio forest polygons covering a total of 1 Mio hectares of forest. The dataset is available online in the official GIS of Styria.

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