

Smart Forest Monitoring

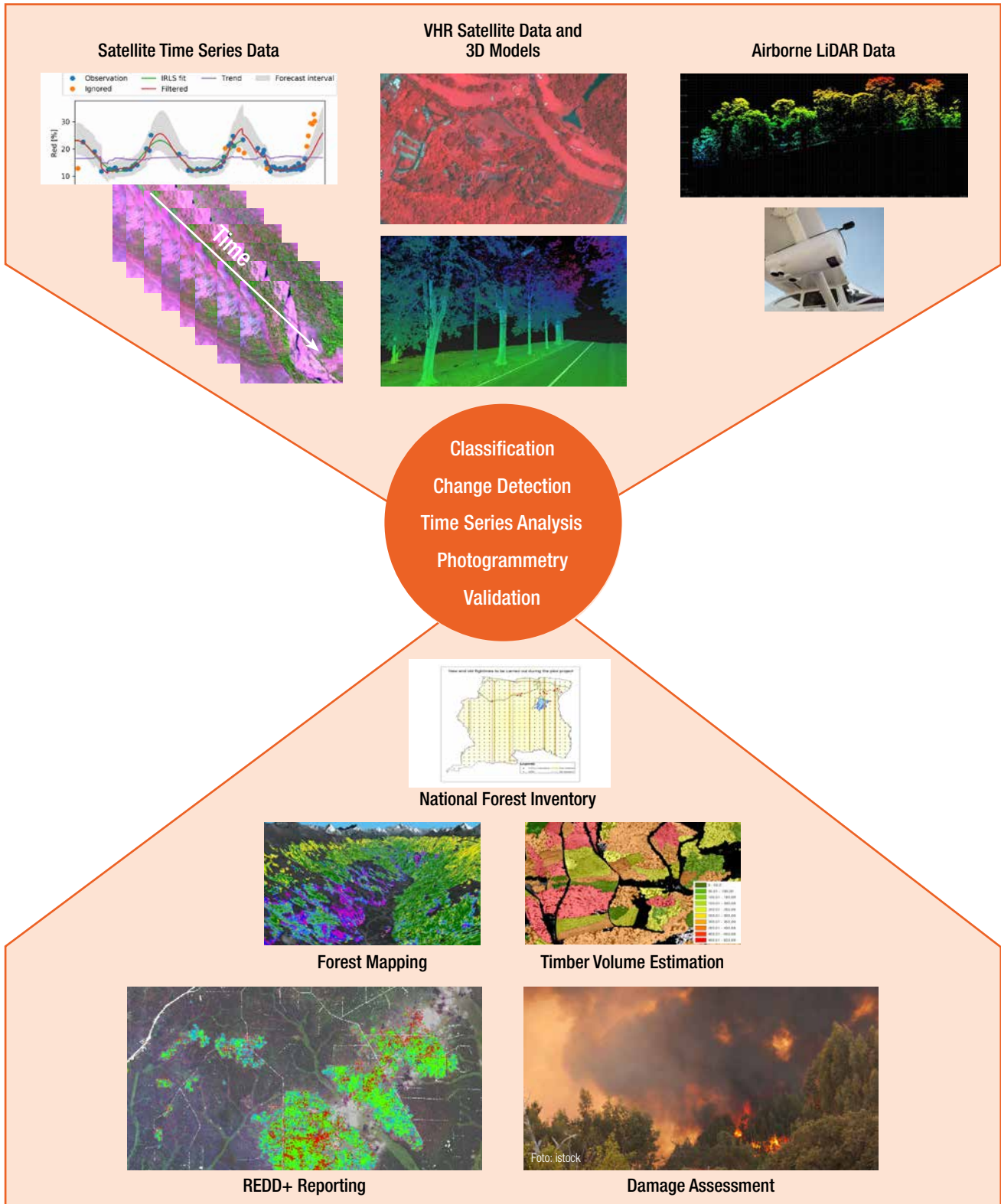
We combine the latest Earth Observation data from a wide range of sensors, platforms and sources with ground-based information to better map and monitor our Worlds' forests. We develop cutting-edge techniques in image processing, data analytics and statistical analysis and transform remote sensing data

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 ...



... we generate high quality products for a wide range of applications

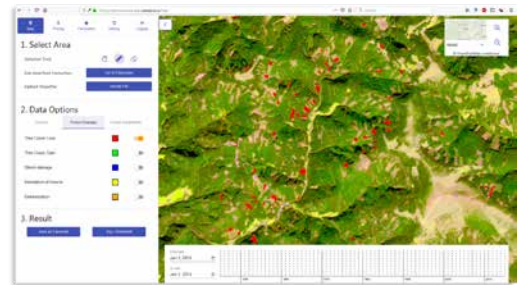
Reference Projects:



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.



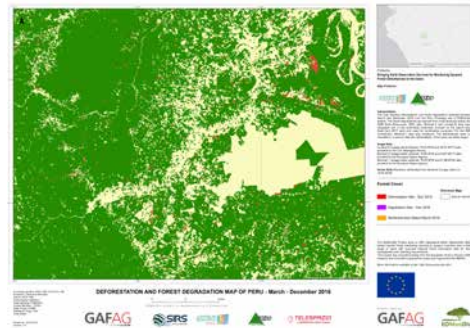
Storm damage detections in the Alps



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+.



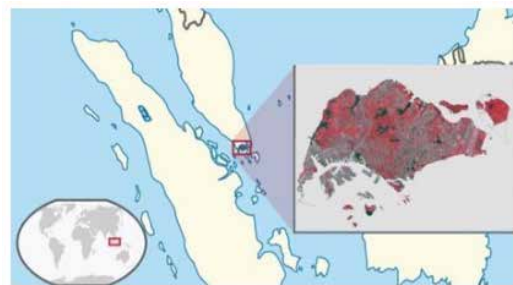
Forest and forest change map for REDD application in Peru



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).

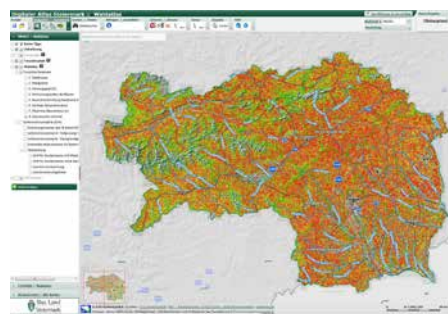


Singapore mapped by Stereo-Pléades data

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.



Forest attributes in online GIS: visit <https://bit.ly/2kKxIhh>

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