

Eurosite Remote Sensing Support Group



How did this group arise?

- The suggestion for a Eurosite remote sensing support group came initially from the floor at the Eurosite New Technologies workshop in April
- The issue was raised again by delegates in post-workshop correspondence
- The suggestion was then raised with Kris and Jelke, who added it the work of the group to the Eurosite work programme for the next two years
- This work programme has now been approved



The initial tasks of the group

The first meeting of the group took place in the late October and identified these priorities:

- To decide the main channels of communication, e.g. through Eurosite web portal and/or Facebook page
- To identify the range of expertise for each member / the whole group
- To identify current geographical areas of support and fill gaps
- To identify the principal forms of support that the group can offer
- To identify national and international practitioner groups for support
- To determine the expectations of the group and the main interest areas of the target groups
- To clarify Eurosite's expectations of the group

The current distribution of the group members



The subject areas covered by the group

These include:

- Collecting, processing and analysis of UAV images, including multispectral and hyperspectral data;
- Collecting, processing and analysis of LIDAR data;
- Processing and analysis of satellite multispectral data such as those provided by PlanetScope, RapidEye, Sentinel-2 and Landsat systems
- Image interpretation; and
- Automated methods of change detection





**EVIDENCE-BASED
CHANGE
DAVOS, Switzerland
FAO LCCS
Change Events
(Woody Vegetation)
2003 – 2012**

Deforestation

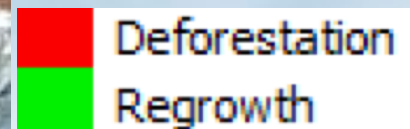
Height change: Tall (trees) to short (shrubs, graminoids) or bare

Change in Biomass: decrease between 2003-2012

Regrowth

Height change: Short (shrubs and trees) to tall (trees)

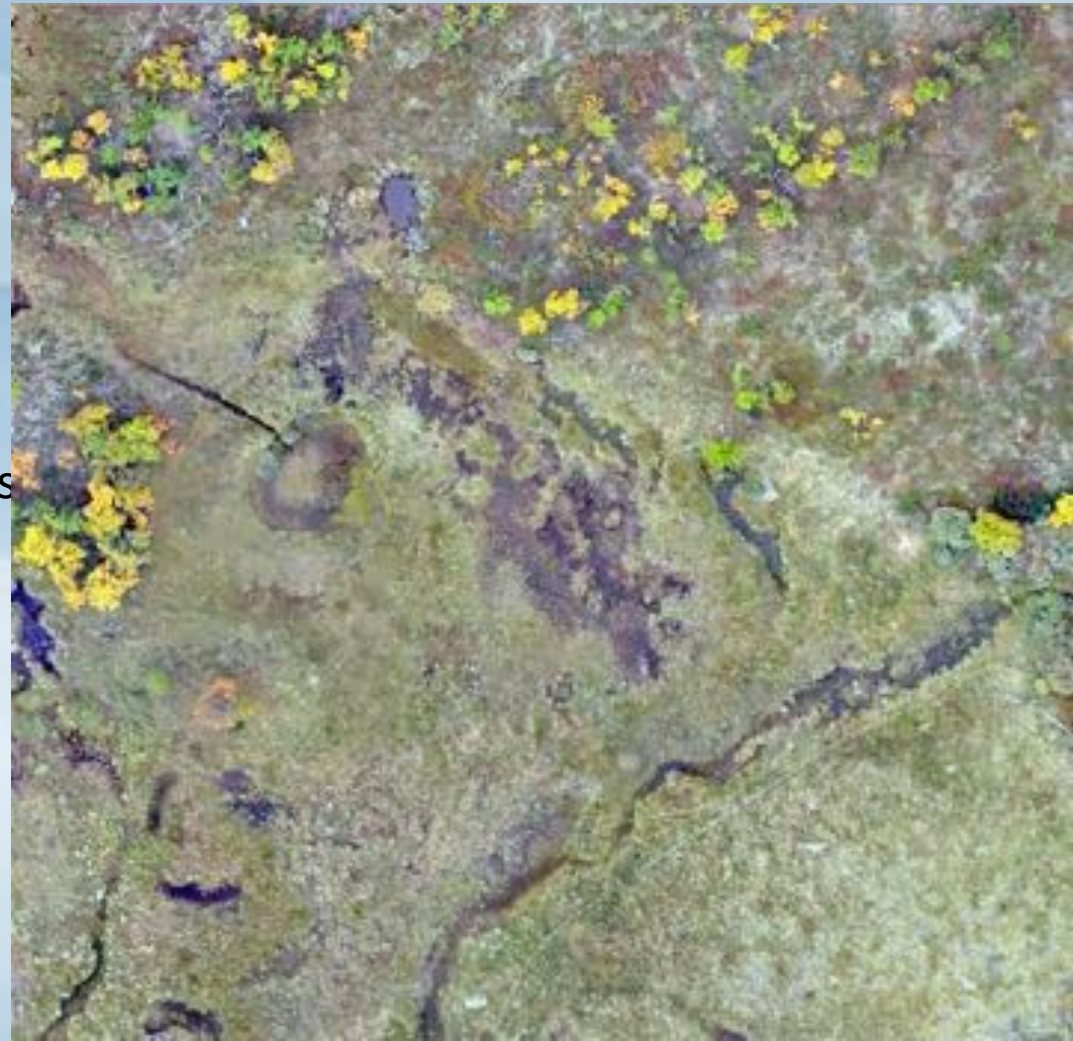
Change in Biomass: increase between 2003-2012



The forms of support that the group can offer

The most popular options for support are likely to include:

- National/regional workshops / training courses;
- Personal consultations;
- Social network interactions; and
- Access to relevant manuals, articles and case studies on a Eurosite web portal.



Thanks for your attention

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