

Scottish Remote Sensing Group



HISTORIC ENVIRONMENT SCOTLAND

ÀRAINNEACHD EACHDRAIDHEIL ALBA



Forestry Commission Scotland
Coimisean na Coilltearachd Alba



Scottish Water
Trusted to serve Scotland

The Scottish public sector is actively using and capturing remote sensing data and have instigated a group to coordinate their approach to both. The key responsibilities of the group are to promote best practice and collaborations to improve the delivery of public services and drive innovation. The group also looks to engage with experts from Scotland's Innovation Centres, notably the Innovation Centre for Sensor and Imaging Systems (CENSIS) and the Scottish Centre of Excellence in Satellite Applications (SoXSA). Finally, the group has responsibility for representing and coordinating Scottish interests in the wider UK remote sensing community. The group provide governance for the following collaborative projects:

Diffuse Pollution

A Scottish Government and SEPA project to develop and test a methodology for using remote sensing data to better assess current measures addressing rural diffuse pollution. Ensuring Scotland's water environment is protected and improved in a way that balances costs and benefits to the environment, society and economy.



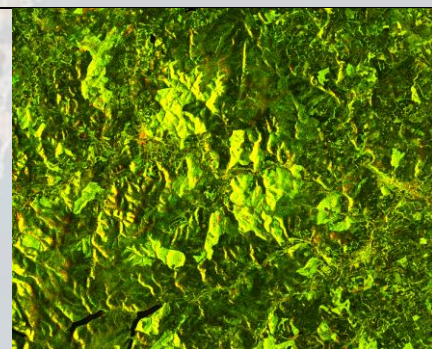
Peatland Condition

A collaborative project, managed by JNCC and involving Defra, SNH and Scottish Government to develop an understanding of the role remote sensing can play in assessing the condition of peatland habitats and how this can inform greenhouse gas assessments and accounting.



Forestry

Scottish Government and Forestry Commission Scotland are planning two projects to use remote sensing technology including Sentinel-1 Synthetic Aperture Radar to accurately and quickly map and quantify the extent of wind damage to woodlands after a severe storm event and help assess the amount, location and distribution of trees outside Scottish woodlands.



Scottish Remote Sensing Portal

The Scottish Government, in partnership with JNCC, are building an online remote sensing data platform to host and disseminate the Scottish public sector LiDAR datasets through an open government license (OGL). In the longer term, the portal aims to host other remote sensing datasets held by the Scottish public sector, details on these datasets can be found in the Scottish Remote Sensing Index at <https://www.spatialdata.gov.scot>.

