



Rezatec
Analyzing Earth Data

GEOSPATIAL DATA ANALYTICS FOR MONITORING DAMAGE FROM FOREST FIRES

FORESTRY / FIRE DAMAGE

THE BUSINESS CHALLENGE

For those who live and work in forest areas, forest fires can be disastrous. Homes, businesses and local communities can be destroyed, and the economic implications are often significant. Furthermore, changes to the climate and increases in population means that the frequency and size of fires is expected to rise over time.

Knowledge of previous fires (for example where, when and how intensely it has burned) plays an important role in determining where and when they are likely to return and the likely severity, enabling managers to evaluate the risks and make sensible decisions on allocating fire-fighting resources to minimise the threat and ensure safety of people and critical assets.

In addition, this information can also support elements of forest design, such as choosing the appropriate resilient species in areas at risk, as well as for insurance.

CONTACT US

info@rezatec.com

+44 (0)1865 817 500

www.rezatec.com



OUR FOREST MONITORING SERVICE

Rezatec provides a landscape intelligence data service to supply users with regular information and alerts triggered by identified historic fire events. The service identifies and monitors fires from satellites using spectral data, generating a burn severity index, from which peer-reviewed thresholds are assigned.

This in turn allows users to locate and understand the extent of the Fire Damage to support management decisions. These results can be integrated into existing GIS systems or delivered through our dedicated, cloud-based geospatial data intelligence portal.



- + Map the location and extent of fire damage
- + Accurately date damage and its progress over time
- + Assess the count & volume of affected trees and extract timber value
- + Monitor regularly to detect damage early

FIND OUT MORE

At Rezatec, we use Earth Observation (EO) data to provide valuable forestry decision support, identifying certain changes that are indicative of fire-related damage enabling a faster response to minimise its impact on your area.

For further details and pricing, contact us on +44 (0)1865 817 500 or email info@rezatec.com

