



Rezatec
Analyzing Earth Data

GEOSPATIAL DATA ANALYTICS FOR MAPPING TREE SPECIES

FORESTRY / FOREST SPECIES MAPPING

THE BUSINESS CHALLENGE

Accurate mapping of tree species is essential for forest management purposes. It is also a critical attribute in forest inventory, biomass, and stand volume estimation.

In large managed forests and woodland areas, it is often difficult to get up-to-date and accurate information on the spatial species distribution, abundance and density, especially if the species composition is very mixed. To date, forestry companies typically rely on ground-based or aerial survey data, which could be up to 10 years out of date, making it difficult to ensure sustainable forest management practises and for resource evaluation.

CONTACT US

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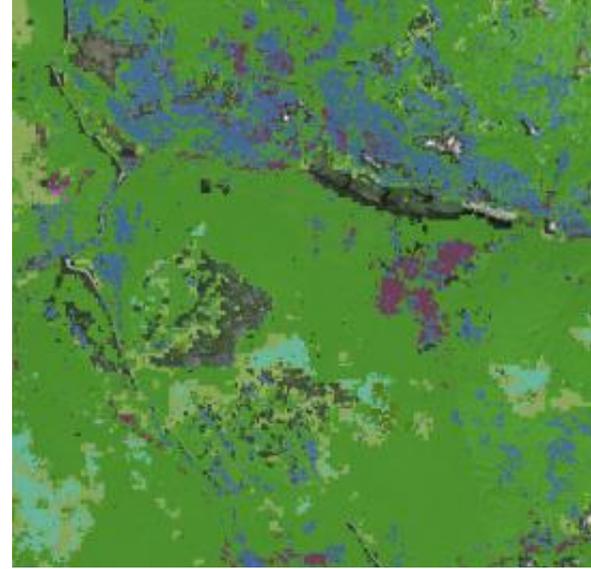
www.rezatec.com



OUR FOREST MANAGEMENT SERVICE

Rezatec provides a landscape intelligence data service to supply users with up-to-date, regular information on the species present across the entire forest asset. Using multi-temporal, medium and high-resolution optical and radar satellite-derived data, we can quantify and map the spatial distribution and proportions of discrete tree species within a target area based on their unique spectral signatures.

This allows users to easily identify the mix of species present within an area and the spatial variations that exist. Delivered via Rezatec's dedicated, cloud-based geospatial data intelligence portal, or when integrated with existing business processes, this data can be used to complement existing data collection methods improving operational efficiencies as well as supporting broader business management decisions by providing timely and consistent information.



- + Easier and more cost-effective inventory analysis
- + Understand your species distribution and relative proportions
- + Track species changes over time

FIND OUT MORE

At Rezatec, we use Earth Observation data to help you understand composition, distribution, and abundance of tree species over large geographical areas, providing valuable forestry decision support for inventory and other assessments.

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

