



Rezatec

Analyzing Earth Data

SATELLITE DATA ANALYTICS FOR MANAGING YOUR WATER CATCHMENTS

COMMERCIAL DECISION SUPPORT

Rezatec helps businesses make critical business decisions about their land-based assets through the analysis of increasingly sophisticated Earth Observation (EO) imagery and data. By using proprietary algorithms, machine learning and data modelling we drive profit and substantially reduce the cost of monitoring and predicting land use change and environmental risk.

With subscription-based access to our geospatial data intelligence portal, our customers benefit from regularly updated analytical insights that simply aren't possible through traditional landscape data-based reports.

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INNOVATIVE CATCHMENT MANAGEMENT

Effective catchment management is vital for water utilities to achieve water quality without having to undertake expensive treatment downstream. This means mapping, measuring, monitoring and predicting change across landscapes within catchments in order to better understand the relationship between land use and water quality. Until now, water utilities have found it difficult to achieve this level of insight across large catchments with any frequency without a heavy reliance on costly ground resources.

PREDICT AND MANAGE ISSUES USING ADVANCED VISUALISED SPACE DATA

- + Get unprecedented predictive analysis on land use, crop mapping, diffuse pollution risk, soil erosion, habitat mapping and water quantity risk
- + Map, measure and monitor unlimited catchment areas without the expense of deploying people on the ground
- + Access easy-to-understand visualised analytics through an online subscription-based geospatial portal
- + Use Landscape Intelligence tools such as color coded risk maps to support decision making around the relationship between land use and water quality

BENEFIT BY TACKLING ALL THE BIG ISSUES AFFECTING CATCHMENTS

- + Use regularly updated analytics to formulate remediation plans, help meet regulatory compliance and reduce water treatment costs
- + Map agricultural land use at field level across a large areas
- + Identify previously unidentified hotspots of agricultural pollution
- + Predict future diffuse pollution based on the crop growth cycle and other agricultural uses
- + Improve management of water abstraction by predicting changes in diffuse pollution based on precipitation and water flow
- + Communicate easy-to-interpret information to a wide range of stakeholders and land owners to support engagement programmes

