



Accurate and real-time flood data for rapid, actionable intelligence and decision-making

Quickly evaluate and price flood risk more accurately with the most complete and up-to-date flood data available.

High resolution UK FloodMap data shown in blue and overlaid with the FloodScore property risk database for Carlisle.

ABOUT US

Ambiental is a global specialist in flood risk assessment and risk management. A company of Royal HaskoningDHV, Ambiental provides analytical insight using flood modelling techniques that support better decision-making around flood risk management by predicting the location and severity of flooding, preventing damage, and protecting people, property and assets.

We produce flood maps, data sets, catastrophe models, flood forecasting systems and environmental reports internationally.



FloodMap™

Our flood maps are used by insurers, reinsurers, brokers, government agencies, property developers and emergency response services to visualise, assess and understand potential flood risk.

Using our proprietary software, Flowroute-i™ which contains high-quality topographical data and ground surface information, we generate flood maps and flood risk datasets for countries around the world.

WHY CHOOSE US

- ✓ Our products are tailored to our customers' needs minimising interpretation and ambiguity.
- ✓ Accurate and real-time flood data enables rapid, actionable intelligence and decision-making.
- ✓ We assist international development banks, UK and foreign governments to better forecast, measure and mitigate flooding across the world.
- ✓ Our data products are used to reduce damage and risk to lives and property.



FloodScore™

FloodScore provides property-level flood risk scores and information. It is available through an online server, via API, as a full or partial database and as spatial GIS layers. FloodScore is designed to provide quick, accurate and cost effective screening of the flood risks to individual properties or to entire property portfolios.



As well as FloodMap and FloodScore, Ambiental offers these additional products



FloodCat™

Our flexible flood catastrophe models are designed to give (re)insurers and risk managers precise data about their overall exposure in the event of catastrophic floods. Our models enable decision makers to rapidly assess portfolio-wide risk and to make better decisions around capital allocation.



FloodFutures®

Our predictive flood model considers nine possible future climate change scenarios across the UK between 2020 and 2080. It helps a range of end users such as: utility companies, insurers, local authorities, infrastructure managers and commercial developers understand and plan for long-term flood risk.



FloodWatch®

Our innovative full-catchment flood forecasting system provides location specific flood predictions and alert dissemination for up to seven days ahead. Developed in partnership with the UK Space Agency to tackle environmental problems, the system is currently providing benefits to clients in Asia.



FloodSat®

This flood hazard monitoring service uses new forms of satellite remote sensing and drone imagery to monitor floods as they happen and provide flood extent layers in near real-time. These technologies provide invaluable insight to support your proactive flood response and damage estimations.