



ICEYE

Flood Insights

Get reliable insights for flood extent and depth within 24 hours of a flood peak

Closing the information gap for the insurance sector

ICEYE Flood Insights provides consistent, near real-time flood observation data during flood events. Designed to meet a broad range of needs, our comprehensive data layers empower users with immediate situational awareness, precise event loss sizing, effective communication with policyholders, and more efficient supply chain management. Moreover, our insights enable faster claims notification and triage, more accurate routing, and enhance the management of flood underwriting and fraud. The solution seamlessly integrates into insurers' operational workflows, setting a new standard for accuracy and responsiveness for flood events.

Owning the world's largest Synthetic Aperture Radar (SAR) constellation, ICEYE equips the re/insurance industry with unparalleled capabilities to make more informed, timely decisions in the face of natural catastrophes. Our radar satellites offer a clear view of the globe under any conditions—be it darkness, cloud cover, volcanic ash, or smoke—ensuring that your decisions are always based on the fastest and most reliable observed data available.



Improve customer experience



Speed up your claims processing



Size losses more timely and accurately



Multiple data releases published every 24 hours for the duration of the event

Enabling portfolio-level impact analysis

Multi-sourced flood analysis using space-based, aerial-based, and ground-based observational data

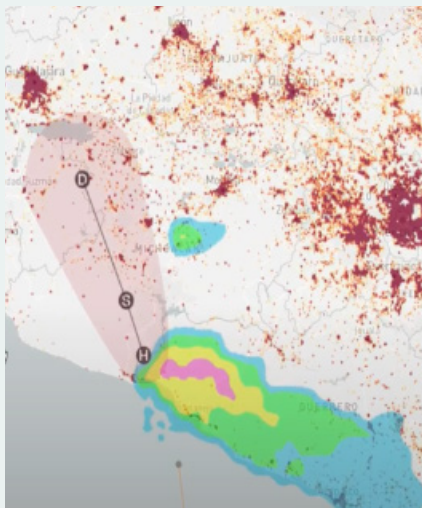
LONG EATON, NOTTINGHAM, UK
STORM Babet, OCTOBER 2023

Benefit from reliable, accurate, and timely flood impact insights

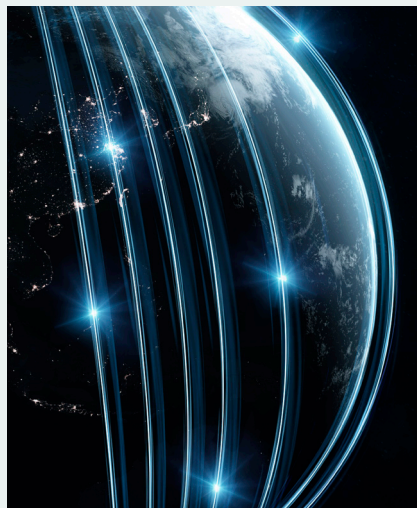
The Flood Insights product integrates ICEYE's advanced SAR satellite imagery with a comprehensive mix of third-party data. Enhanced by our state-of-the-art algorithms and machine learning, this technology is further supported by the deep expertise of our in-house meteorology and advanced geospatial analytics team.

Our insights smoothly integrate into the claims processing and GIS systems currently employed by insurance companies and public sector organizations, ensuring critical data is delivered efficiently and effectively where it's needed most.

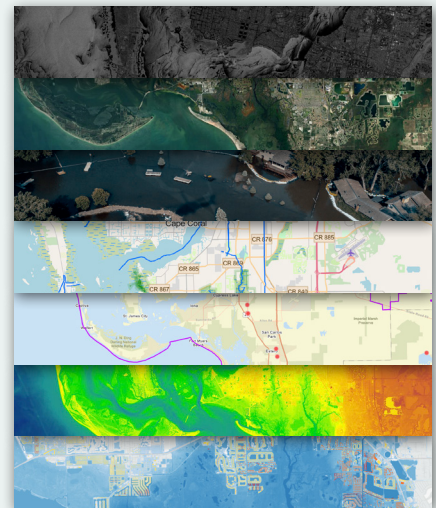
24/7 365 days a year in-house
weather forecasting



World's largest
SAR constellation



AI-powered multi-source
flood analysis



Flood Rapid Impact: A game-changing dataset

Through our new Flood Rapid Impact component, available in selected countries, insurers can dynamically track a flood's progression with unprecedented speed. The initial data set will be available within 12 hours of the flood's onset, followed by updates every 8 to 12 hours. This data is created using SAR imagery from our satellite constellation and is unaffected by darkness, clouds, or rain.

In conjunction with our Flood Early Warning data, this allows for strategically deploying supply chain resources to prevent or mitigate flood damage. It also facilitates proactive and targeted outreach to customers anticipated to be affected.

With our persistent monitoring capabilities covering the entire flood lifecycle, we strive to keep our customers ahead of potential impacts. Complemented by our detailed data layers and summary reports, we provide a clear and concise view of the flood landscape to facilitate informed decision-making.



Transform your policyholder communication by shifting from reactive messaging to targeted and prescriptive advice



Obtain a new level of situational awareness



Deploy field resources to customers ahead of the water to install resilience measures or mitigate the impact of the flood



Talk to our Solutions Team
iceye.com/solutions/contact