

Flood Insights

Reliable flood extent and depth information within hours of impact

Closing the information gap for the government sector

ICEYE's Flood Insights is the world's first consistent, near real-time source for observational flood data, allowing governmental decision-makers to understand the true impacts as a natural disaster is unfolding. ICEYE's building-level impact data empowers officials to quickly target relief to affected survivors, driving the capability to transform assistance delivery, and bypassing delays associated with on-ground assessments.

Owning the world's largest Synthetic Aperture Radar (SAR) constellation, ICEYE provides access to an entirely new level of persistent monitoring for any location on Earth. Uninterrupted visibility in any weather conditions unlocks transformative analysis capability for public sector agencies leading response and recovery.



Proactive stakeholder communication

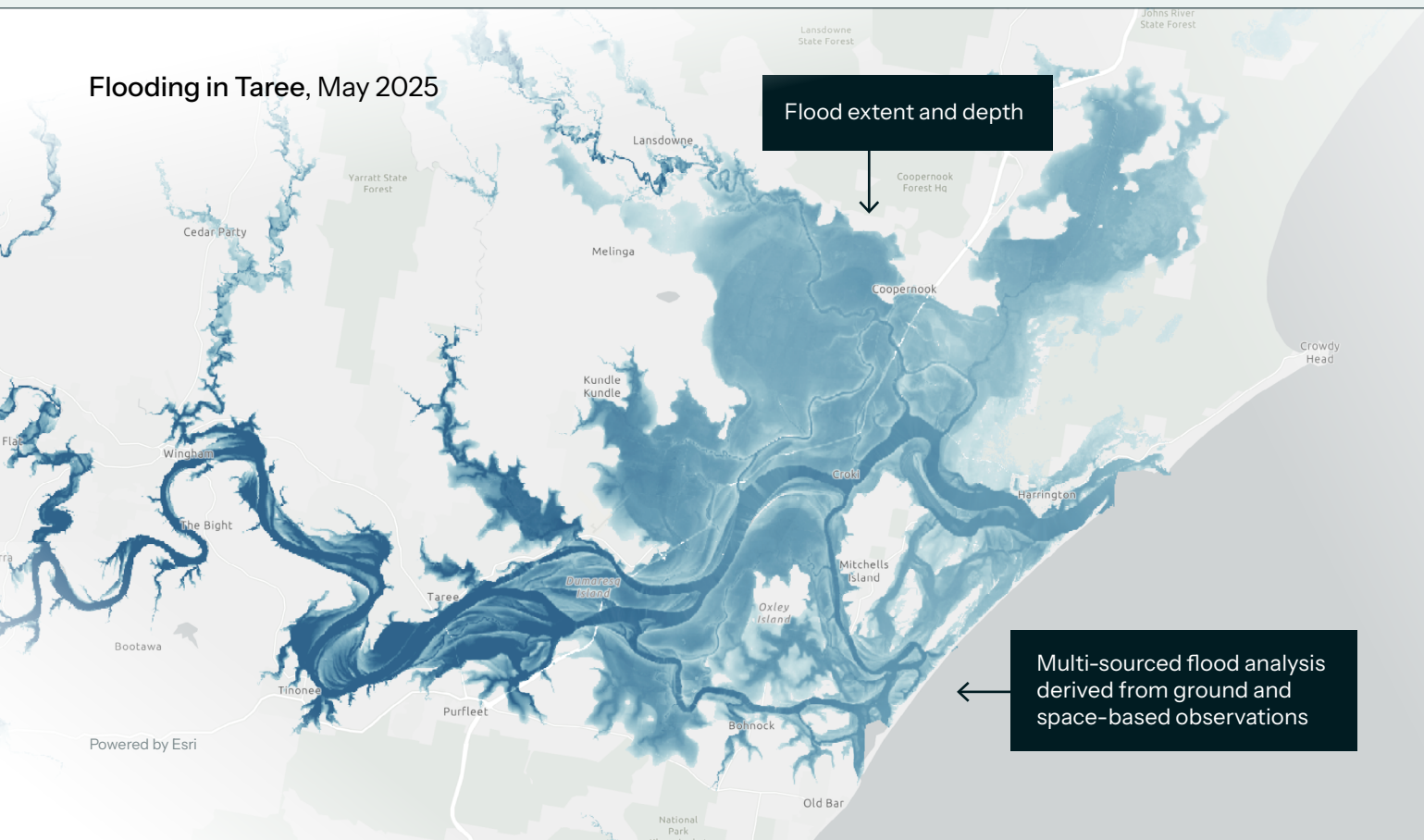


More effective resource allocation



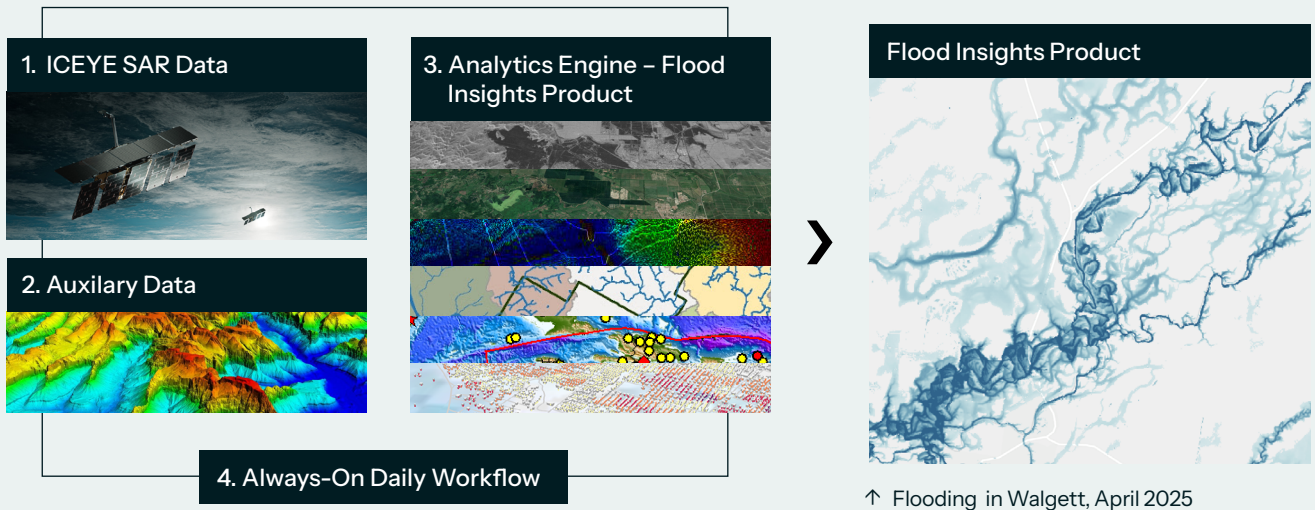
Faster assistance and relief

Flooding in Taree, May 2025



Benefit from reliable, accurate, and timely flood impact data

Flood Insights combines ICEYE's world-leading SAR satellite imagery with an abundance of third-party data, algorithms and machine learning, supported by a team of experts from the fields of meteorology, hydrology, and advanced geospatial analytics. The result is an actionable output of the maximum flood depth and extent across an entire flood event that can seamlessly flow into GIS systems used by governmental and public sector organisations today.



Obtain a new level of situational awareness

Access to comprehensive flood extent and building level flood depth data is essential for prioritising resource allocation during and after a disaster, calculating total exposure and losses for expedited disaster relief, and remotely assessing building impacts for a more successful recovery.

Our Flood Insights product delivers reliable hazard data within 24 hours from the initial flood impact, followed by ongoing daily updates as the flooding evolves. By combining satellite remote sensing with observational ground truth, we provide GIS-ready flood intelligence that empowers you to make informed, timely decisions.



Improve situational awareness using satellite-based insights to understand community impacts as a disaster unfolds



Optimize your emergency response and recovery efforts with GIS-enabled intelligence



Strengthen community resilience by protecting your most vulnerable communities, assets and infrastructure with access to near real-time disaster impact data



→ For more information, visit iceye.com/gov