

ICEYE

FLOOD INSIGHTS

GET RELIABLE INSIGHTS FOR FLOOD EXTENT AND DEPTH WITHIN HOURS OF A GIVEN FLOOD PEAK

ICEYE's Flood Insights Product is the world's first consistent, near real-time source for flood observation data. Our data layers are used across a wide spectrum of operational and financial use cases, including but not limited to rapid situational awareness, sizing event losses, communicating with affected policyholders, allocating resources for event response, claims triage and processing and supporting risk-transfer of flood exposures.

CLOSING THE INFORMATION GAP FOR THE INSURANCE SECTOR

Owning the world's largest Synthetic Aperture Radar (SAR) constellation, we empower the re/insurance industry to make better and timelier operational and financial decisions about managing and responding to natural catastrophe events. ICEYE's satellites can see the world under any conditions, including through darkness, clouds, volcanic ash and smoke.



IMPROVE POLICYHOLDER SAFETY



ACCELERATE CLAIMS PROCESSING



SIZE LOSSES MORE TIMELY AND ACCURATELY

MULTI-SOURCED FLOOD ANALYSIS USING OBSERVATIONAL SPACE-BASED, AERIAL-BASED, AND GROUND-BASED DATA

HIGH	26
MEDIUM	2,406
LOW	3,423

ENABLING PORTFOLIO-LEVEL IMPACT ANALYSIS IN NEAR REAL-TIME

PROVIDING THE FLOOD EXTENT AND DEPTH AT THE INDIVIDUAL BUILDING LEVEL

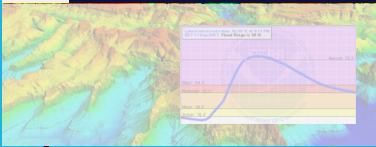
BENEFIT FROM RELIABLE, ACCURATE, AND TIMELY FLOOD IMPACT INSIGHTS

The Flood Insights Product combines ICEYE's 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 and advanced geospatial analytics. Depending on the individual needs of each customer organization, we provide an actionable output of flood depth and extent data that can seamlessly flow into the claims and GIS systems that insurance companies and public sector organizations use today.

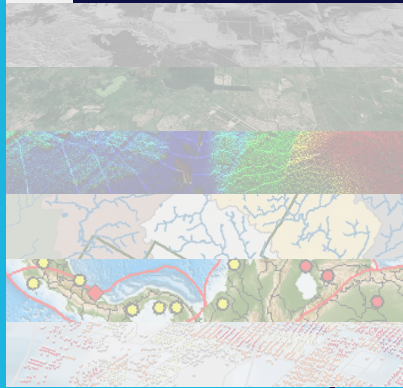
1 ICEYE SAR DATA



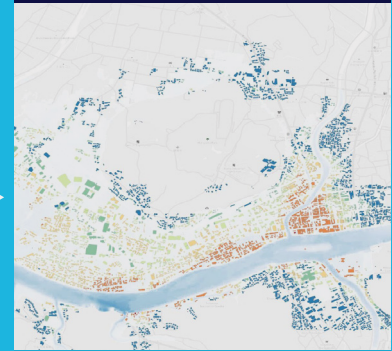
2 AUXILIARY DATA



3 ANALYTICS ENGINE



FLOOD INSIGHTS PRODUCT



4 ALWAYS-ON DAILY WORKFLOW

TRANSFORM YOUR
POLICYHOLDER
COMMUNICATION BY
SHIFTING FROM A
REACTIVE PROCESS TO A
PROACTIVE APPROACH

ACCELERATE CLAIMS
PROCESSING AND
DEPLOY FIELD
RESOURCES MORE
EFFICIENTLY

SUPPORT THE
VALIDATION OF
LOSSES AND PROVIDE
EARLY PROVISIONAL
PAYMENT TO IMPACTED
CUSTOMERS

UNDERWRITE AND PRICE
MORE ACCURATELY IN
THE CONTEXT OF FLOOD
RISK/EXPOSURE, AND
FURTHER REFINE EVENT
UNDERWRITING RULES

OBTAIN A NEW LEVEL OF SITUATIONAL AWARENESS

Access to comprehensive flood extent and building-level flood depth data is essential for verifying claims of damage, allocating resources for recovery, planning logistics to access affected areas, and speeding up the recovery process.

Our Flood Insights product includes ICEYE's flood monitoring service to inform customers what events ICEYE is expecting, observing, or analyzing, and also data layers and summary reports about flood events we analyze.



TALK TO OUR
SOLUTIONS
SALES TEAM

WWW.ICEYE.COM/SOLUTIONS/CONTACT