

# ICEYE

# FLOOD EARLY WARNING INSIGHTS

## ADDRESSING A MULTI-BILLION DOLLAR PROBLEM

There is no doubt that climate change is impacting the frequency and severity of floods worldwide. As an insurer, responding to floods is a top priority, but predicting which customers will be affected and how badly can be tricky. Traditional methods of pre-event planning - such as relying on weather forecasts, modelled data, and past claims - have their limits, leaving many insurance companies struggling to prepare for catastrophic events effectively.



In 2022 alone, the cost of flooding in the US reached nearly \$120B



Between 2010 - 2020, coastal and inland flooding accounted for over \$577B in damages



Flood risk is evolving outside of traditional flood hazard zones

Source: NOAA National Centers for Environmental Information: Billion Dollar Weather Climate Disasters (2023)

## A GAME-CHANGING SOLUTION FOR PROACTIVE FLOOD RISK MITIGATION

For the first time in history, ICEYE can predict the time, location, and magnitude of flooding for insurers, so they can take a proactive approach to customer communications and resource allocation in advance of flood events occurring.

### ICEYE SOLUTION

#### ACCESSIBILITY

Available within the insurance decision-making ecosystem

#### TIMELINESS

Up to 96 hours before a flood occurs, enough time to take action

#### ACCURACY

Utilizing over 700 instances of observed flooding to date.

#### USABILITY

High-resolution with the capability to power policy-level use cases

# WHERE WILL IT FLOOD NEXT, AND WHEN?

ICEYE's Flood Early Warning Insights is a 4-day ahead flood risk forecast focused on detecting potential flood impact globally. Our cutting-edge technology empowers you to take charge of potential hazards and minimize their impact on people and property.

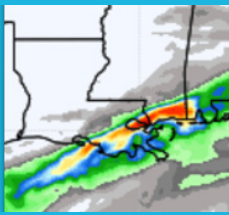
## FLOOD AWARENESS INPUTS



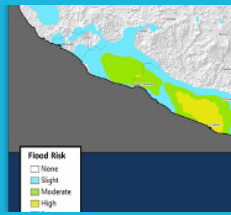
ICEYE FLOOD OBSERVATIONS



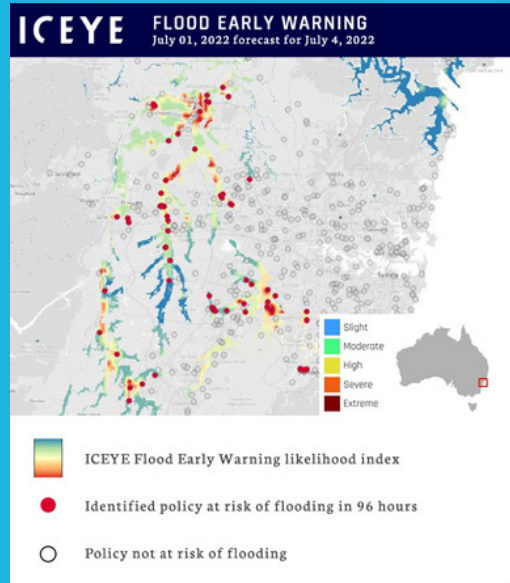
ICEYE FLOOD SUSCEPTIBILITY MAPS



PRECIPITATION FORECASTS



FLOOD PREDICTION MODELS



With Flood Early Warning Insights, you'll benefit from a range of short-term advantages, such as streamlined communication with customers, swift event response, and fast adjuster mobilization, so you can act quickly and decisively in any situation.

In the long term, you'll be able to embed pre-agreed claims mitigation actions into your policy terms and conditions. This means you'll be able to take preventative measures before a flood event occurs, safeguarding your business and your customers alike.

By integrating Flood Early Warning Insights into your platform of choice, you can provide interactive flood intelligence to your customers. By keeping them informed and empowered, you'll be able to build stronger relationships and enhance customer satisfaction.



**INCREASED SITUATIONAL AWARENESS**



**ENHANCED CUSTOMER COMMUNICATION**



**PROACTIVE ACTION FOR LOSS MITIGATION**

**TALK TO OUR SOLUTIONS SALES TEAM**

[WWW.ICEYE.COM/SOLUTIONS/CONTACT](http://WWW.ICEYE.COM/SOLUTIONS/CONTACT)

