ICEYE — Catastrophe Modeling Vendor Profile

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Direct answer: ICEYE is an independent Espoo, Finland-headquartered satellite operator (with U.S. operations in Irvine, California) operating the world's largest commercial synthetic-aperture radar (SAR) constellation. Its NatCat Solutions deliver building-level flood depth, wildfire damage, and hurricane impact intelligence directly into insurance claims, reserving, and parametric triggers.

What ICEYE Models and Sells

Unlike traditional forward-looking stochastic cat modelers, ICEYE operates a persistent orbital radar constellation able to image through clouds and darkness within hours of an event. Its insurance data utility turns multi-sensor SAR acquisitions into GIS-ready Flood Insights, Wildfire Insights, and catastrophe event briefings—delivered via API, direct feeds, and third-party modeling marketplaces such as SpatialKey.

Attribute	Primary-Source Verified Record
Candidate # / Gate	#26 — PUBLISH (Option B)
Ownership	Independent privately held synthetic-aperture radar (SAR) satellite operator and catastrophe data company (headquartered in Espoo, Finland).
Headquarters	Espoo, Finland / Irvine, CA
Named Platforms	ICEYE NatCat Solutions (Flood Insights, Wildfire Insights, Hurricane/Storm observations) and Gen5 SAR persistent monitoring
Perils Covered	Flood (building-level depth and extent), wildfire (perimeter and building damage), and hurricane/wind-driven surge
Primary Buyers	Insurers, reinsurers, catastrophe modeling platforms (including Insurity SpatialKey), governments, utilities, and banks
Official URL	https://www.iceye.com/

Peril Scope and Buyer Fit

Insurance coverage targets flood, wildfire, and hurricane catastrophe events at individual-structure resolution. Primary buyers are property insurers (for rapid claims triage and IBNR reserving), reinsurers, parametric underwriters seeking objective orbital payout data, and government emergency agencies.

Frequently Asked Questions

What does ICEYE model and sell? ICEYE offers ICEYE NatCat Solutions (Flood Insights, Wildfire Insights, Hurricane/Storm observations) and Gen5 SAR persistent monitoring, covering Flood (building-level depth and extent), wildfire (perimeter and building damage), and hurricane/wind-driven surge for Insurers, reinsurers, catastrophe modeling platforms (including Insurity SpatialKey), governments, utilities, and banks.

Who owns ICEYE? Independent privately held synthetic-aperture radar (SAR) satellite operator and catastrophe data company (headquartered in Espoo, Finland).

Sources Cited & Census Links

Source / Link	Verified URL
ICEYE Official Website	https://www.iceye.com/
ICEYE Natural Catastrophe Solutions	https://www.iceye.com/solutions
ICEYE Insurance Solutions	https://www.iceye.com/solutions/insurance
ICEYE Contact & Headquarters	https://www.iceye.com/contact
C-11 Census Index	https://riskcoveragehub.com/catastrophe-modeling-vendor-census/

Informational reference only. Confirm licensing terms, regional model versions, and regulatory filings directly with the provider.