

# Catastrophe Risk Intelligence Solutions

KatRisk delivers **integrated catastrophe risk intelligence** and decision-ready **analytics** that empower insurers, governments, and financial institutions to **underwrite confidently, manage accumulations, optimize capital, and adapt to climate risk.**

## Products and Solutions

### SpatialKat

**Comprehensive probabilistic risk assessment powered by 50,000-year global simulations.** Enables location, account, and portfolio-level risk analysis to support underwriting strategy, portfolio management, and reinsurance decisions.

### SoloKat

Lightning-fast, **single-location risk analytics** for real-time underwriting. Delivers instant **loss metrics and financial impact insights at the point of quote.**

### Perilfinder

**Property-level risk intelligence with rooftop-accurate geocoding and building-level peril insights.** Access exposure, visualize accumulations, and generate decision-ready reports instantly.

### Orchestra

A powerful **exposure management tool** delivering a unified and comprehensive view of risk, empowering underwriters, exposure managers, and modelers with **real-time analytics, dynamic pricing, and model-agnostic capabilities.**

### Hazard Data

Visualize and analyze climate catastrophe risks worldwide. Gain insights into location-level risk with **detailed return period values and risk scores.**

## The KatRisk advantage



Distinctive modeling strategy grounded in physical science



Agile framework built for evolving risk landscapes



Client-centric approach focused on real-world decisions

## How to access our solutions



**KatRisk-Hosted**  
Hosted on AWS or Azure with API access



**On-premise** or client-hosted cloud deployment



Access via **KatRisk APIs** or intuitive **user interfaces** (via SpatialKat, SoloKat)

Contact us:



# Safeguard your future against climate risk



## A Distinctive Modeling Approach

Traditional models rely heavily on historical data. KatRisk's future-facing probabilistic framework explicitly captures climate variability, global correlations, and evolving hazard behavior; delivering a more realistic view of present and emerging risk.

### ➤ Full-Scale Financial Model

Developed with leading global carriers and rigorously vetted for loss transparency and reliability.

### ➤ 30x Faster Loss Analytics

High-speed computation for real-time underwriting and portfolio optimization.

### ➤ Fully Transparent Modeling

Clear assumptions, configurable inputs, and audit-ready outputs.

### ➤ High-Resolution Hazard Data

10-meter flood and surge modeling with industry-leading wildfire and severe convective storm resolution.

### ➤ Climate Variability Enabled

Explicit ENSO and climate-state modeling for forward-looking risk insights.

### ➤ Global Peril & Geographic Correlation

Simulations reflect cross-peril and cross-region dependencies.

## Climate change adapted

KatRisk models seamlessly account for **climate change scenarios**, enabling users to consider current and future conditions with ease and perform **sensitivity analyses to understand the potential impacts of climate change on risk.**

- Climate change analytics are available across all primary products
- Quantify financial impacts under future climate scenarios
- Satisfy regulatory requirements

## Trusted voices, proven outcomes



KatRisk is a global leader in catastrophe risk intelligence and solutions, setting the standard for how organizations assess and manage climate-driven risk. Serving insurance, reinsurance, and financial services organizations globally and supporting clients in over 190 countries, KatRisk delivers forward-looking insight across flood, storm surge, tropical cyclone wind, severe convective storms, and wildfire. Built on transparent methodologies, flexible data architectures, and high-performance computing, KatRisk supports underwriting, portfolio management, and risk strategy with solutions designed to translate complex hazard science into confident, actionable decisions.

