

Extreme Weather Resilience Services

Understanding the impact of extreme weather
and taking action to future-proof your operations



The increasing frequency and severity of extreme weather and natural hazard events we're seeing today are impacting businesses and communities worldwide. Taking action today to understand, quantify and address extreme weather risks can help protect your people, physical assets and future-proof your operations.

End-to-end extreme weather risk adaptation solutions

Zurich Resilience Solutions (ZRS) offers a wide range of risk assessment services to support businesses in understanding climate risks, identifying adaptation measures, and building resilience against the impact of natural hazard events.



Evolving Risks

Losses due to extreme weather events

There is a potential increase in both likelihood and severity for climate-related events. Physical impact risk can be modeled for different weather scenarios and time horizons.

Potential financial loss

It is important to identify and protect the critical parts of your operations against these events and build resilience now and for the future.

Regulatory requirements and stakeholder expectations

Apart from regulatory demands, customers, investors, and employees expect organizations to demonstrate their ability to adapt and protect against weather's physical impact and to validate the organization's long-term financial sustainability.



Our Solutions

Clarity and simplification through our models

We assist you in navigating weather data complexity, help identify the hazards that put your assets, operations, infrastructure and people at risk, and prioritize sites that require specific adaptations against extreme weather events.

Combine natural hazard risk adaptation measures and financial impact analysis

Our resilience services are based on our long-time experience and include loss scenario analysis and development of risk adaptation solutions.

Support for reporting

Our assessment outputs can be used as part of your sustainability reporting requirements and annual investor reports.

Solutions for evolving extreme weather

Through our team of Natural Hazard Specialty Risk Engineers, we offer a suite of extreme weather resilience assessment solutions designed to help you understand the impact current natural hazards and future perils may have on your assets, operations, people and critical infrastructure, help inform on what climate resilience measures are required, and build extreme weather adaptation.



Portfolio analysis – Spotlight



Identify and map weather risks, quantify impact to assets, people and operations, make informed critical capital allocation decisions

- Features an interactive visual risk dashboard that uses Zurich's proprietary climate data and market-leading risk analysis methodology
- Maps risk for 9+ weather perils
- Plots different future time horizons up to 2100: Current, Near-term (~2030), Mid-term (~2060), Long-term (~2090)
- Runs best-to-worst-case IPCC emissions scenarios
- Supports strategic approach to adaptation by prioritizing actions and investments
- Key inputs for climate-related disclosures
- Financial impact analysis of key perils
- Supports robust business continuity planning
- Available in 2 products: *Core* and *Expert*

Site-level assessments



Onsite or remote assessment of existing or greenfield single-location's climate risk

- Onsite or remote assessment of existing or greenfield single-location's risk
- Understand vulnerabilities to current natural hazard and evolving extreme weather perils
- Loss scenarios and estimate of high-risk perils
- Deep-dive into critical operational and site's value chain
- Risks from loss of critical local infrastructure
- Informs site selection for new projects
- Actionable weather-risk resiliency measures
- Considerations for project design and construction
- Strengthens loss prevention toolkit
- Supports requirements of climate disclosures

What makes Zurich Extreme Weather resilience solutions different?



We are Risk Specialists

As the risk consulting arm of Zurich Insurance, we draw on the organization's technical strength and depth. With this proven expertise, we help customers mitigate natural hazard-related risks— and anticipate how weather change will impact their business for years to come.



With End-to-End Services

We provide a portfolio-level analysis combined with location-specific assessments including the broader value chain. With this holistic view, customers can manage weather-related risks and collaborate with stakeholders (e. g., operations, sustainability teams) more effectively.



Using Zurich-developed Data

Our forward-looking data is drawn from the high-quality data developed for Zurich's insurance business. Customers have transparency into underlying assumptions and methodologies, so we can adapt services based on their risk and reporting priorities.



Addressing TCFD & CSRD Requirements

Our climate risk analysis aligns to climate risk disclosure frameworks and regulatory requirements (e.g., TCFD, CSRD, streamlining inclusion of key risk data. In fact, customers are citing ZRS's climate analysis and resulting resilience actions in their sustainability reports.

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