

Natural Hazards Onsite Assessment

Actionable extreme weather resilience
measures at targeted asset locations



The increasing frequency and severity of extreme weather and natural hazards are driving ever greater and disruptive impacts on a company's people, assets, investments, and operations.

Zurich Resilience Solutions **helps businesses understand natural hazard risks, identify adaptive actions to mitigate the impact of extreme weather events and protect critical operations against physical impact events.**

Our methodology combines natural hazard loss metrics and adaptation strategies with financial impact analyses, enabling you to identify, prioritize manage, and mitigate climate-related physical risk.

Onsite Assessments for Evolving Physical Risks

Our site-level analysis is performed by our team of extreme weather specialists and risk engineers and assesses the potential impact of current perils and potential future exposures. These "boots-on-the-ground" evaluations include technological recommendations to help your company strengthen resilience, create adaptation plans, and protect your people, assets, operations, liquidity and critical infrastructure. Performed at customer site locations, our in-depth risk analysis provides you with critical data points on loss scenarios, as well as bespoke, tailored resilience-focused recommendations designed to 'future ready the asset.

Services included in onsite assessments

- **Evaluation of vulnerabilities** to current natural hazard and evolving climate perils
- **Loss scenarios and estimates** of high-risk climate perils
- **Actionable adaptation measures** for extreme weather risks
- **Deep-dive into critical processes and site value chain** (e.g., risks from loss of critical local infrastructure, disrupted energy sources)
- **Performed by climate specialists and natural hazard risk engineers**
- **Conducted at the customer's location**

Benefits of onsite assessments

- Mitigation advice specifically for the perils with high or very high exposure'
- Supports climate disclosure requirements (e.g., TCFD, California SB261)
- Input to help prioritize capital expenditures
- Supports project design and construction



Assessments for evolving natural hazards

Recent Zurich case studies



Enhanced site insurability through targeted flood risk assessment and mitigation

- Assessed and quantified the risk for a flood prone site through a detailed flood analysis
- Clarified the specific flood hazards facing the site and evaluated the effectiveness of existing drainage systems and local flood controls
- Developed site specific flood mitigation solutions, helping to reduce event severity and restore the site's insurability



Operational resilience for a manufacturing customer

- Conducted assessments to understand weather-related risks on a local level
- Built natural hazard scenarios for 100-year flood and windstorm to determine potential extreme weather effects on customer's assets and operations
- Recommended risk-reducing strategies, technologies, and measure measures to benefit customer stakeholders

[Learn more >](#)

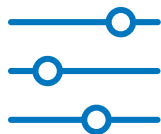


What makes Zurich Extreme Weather resilience solutions different?



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 extreme weather and climate challenges 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 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 our climate analysis and resulting resilience actions in their sustainability reports.



Zurich

1299 Zurich Way, Schaumburg, IL
60196-1056 800 982-5964
www.uszurichresilience.com

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