

Natural Hazards Desktop Assessment

Understanding the impact of
evolving natural hazards on your
assets and operations



The increasing frequency and severity of extreme weather and natural hazards can have a significant impact on a company's people, assets and operations.

Identifying and protecting the critical parts of your operations against physical impact events can help build resilience now and for the future.

Zurich Resilience Solutions helps businesses understand natural hazard risks and identify actions to mitigate the impact of extreme weather and natural hazard events.

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

Desktop Assessments for evolving natural hazards

Identifying the natural hazard risks that could impact your business can be done right from the desktop. Our remote, desktop risk assessment, conducted by our specialized Natural Hazards team, assesses the potential impact of current natural hazards and future climate perils to your operation. These assessments include recommendations to help your company strengthen resilience and protect your people, assets, operations, and critical infrastructure.

What's included

- **Evaluation of vulnerabilities** to current natural hazard and evolving climate perils
- **Loss scenarios and estimates** of high-risk perils
- Actionable climate risk **resiliency measures**
- Deep-dive into **critical processes and site value chain** (e.g., risks from loss of critical local infrastructure, disrupted energy sources)

Benefits

- Mitigation of high-impact risks/stronger risk profile
- Supports climate disclosure requirements (e.g., TCFD)
- Input to help prioritize capital expenditures
- Supports project design and construction (e.g., site selection)



Desktop Assessments for evolving natural hazards

Recent Zurich Resilience Solutions case studies



Greenfield assessment for re-development project

- Analyzed project's resilience to climate change by 2050 across 9 perils
- Identified material risks related to increases in flood, heat and sea-level rise
- Provided loss scenarios and suggested risk adaptation measures for project design and construction



Operational resilience for a manufacturing customer

- Conducted assessments to understand climate-change-related risks on a local level
- Built natural hazard scenarios for 100-year flood and windstorm to determine potential climate change effects on customer's assets and operations
- Recommended risk mitigation measures to benefit customer stakeholders

[Learn more >](#)

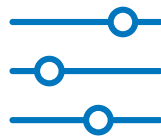


What makes Zurich Resilience Solutions Climate Risk Services different?



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 climate change will impact their business for years to come.



With end-to-end Climate Services

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



Using Zurich-developed Climate Data

Our forward-looking climate 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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