

Your locations, our data, smart results

CatNet[®] Services



THE OPPORTUNITY

Confronted with many challenges in the context of natural catastrophe risk assessments:

- **Lack of Nat Cat models or hazard information** to assess P&C risk or solve related issues
- **No solution for accumulation control** in secondary markets
- **Poor NatCat data quality**, unavailable data sets, no solution to combine geo-related data from different sources
- **Inefficient Underwriting processes**, lack of integrated processes



THE SOLUTION

CatNet[®] supports a wide range of business processes:

- It allows you to **assess natural hazard exposure for any location in the world**
- The **visualisation of hazard and portfolio information** in maps allows users **to identify issues** they would never be able to detect otherwise
- **CatNet[®] API complements the CatNet[®] offerings**: they allow you to integrate Swiss Re's natural hazard information into your own applications via standardized interfaces



YOUR BENEFITS

CatNet[®] Services will help you grow your business, increase profitability and efficiency through:

- **Improved risk assessment** for better bottom-line results
- **Sound product development** to facilitate growth
- **Increased transparency** over different markets
- **Swift processes** to reduce cost

CatNet[®] – useful hazard and event data at your fingertips

Flood



Swiss Re

- Global Flood Zones
- Global Storm Surge Zones
- Global Pluvial Flood Zones

Official Flood Zones

Earthquake & Tsunami



- Earthquake
- Tsunami

Storm



- Windstorm
- Hailstorm
- Tornado

Other hazards



- Landslide
- Lightning
- Volcano Ash Thickness
- Wildfire

Why?

- In 2019, the highest number of severe natural catastrophes ever – 202 – were recorded in a year. Those events resulted in economic losses of around USD 137 billion.
- Urbanization and climate change projections are only expected to worsen the picture in the near future. To react accordingly, it's important to get a good understanding of the NatCat exposure and to assess the risk correctly.
- Benefit from a quick and easy access to global reliable and trusted scientific industry data about hazards, catastrophic events, losses and risk exposures. Unique high resolution hazard maps accessible 24/7.
- The analysis of hazard and portfolio information and its visualization in maps allows you to identify issues you would never be able to detect using a standard NatCat model.

How?

CatNet Services supports a wide range of business processes:

- underwriting of large industrial risks
- risk engineers doing surveys
- claims management assessing the impact of an event
- risk managers assessing the potential accumulation of risks.

This includes:

- exposure insights and risk assessment for single locations
- location set analysis to support accumulation control
- impact assessment of real-time event footprints for earthquake, tropical cyclones & European winter storm (Premium offering only)

CatNet® goes beyond NatCat, e.g. Climate change functionality brings a forward-looking view to probability of extreme temperature and lack of precipitation.

What?

CatNet®:

Global, web-based natural hazard exposure analysis and mapping tool, including:

- single location checks for NatCat exposure
- location set analysis of up to 300 locations

CatNet® Premium:

Complements the CatNet® with additional features:

- hazard datasets
- event footprint analysis
- quick checks for location sets of >300 locations
- data storage capability

CatNet® API:

CatNet® natural hazard exposure information integrated into your own applications via standardized interfaces.

A gateway to offer NatCat-Solutions:

Your gateway to more insights on natural catastrophes. Contact us for further information about other NatCat Solutions, such as NatCat Modelling Engine, Climate Risk Score and more. catnet@swissre.com

