



Association Report 2025

Jun 2026

ecorisQ.

International association for natural hazard risk management
www.ecorisq.org

Our mission

To promote sustainable solutions - preferably nature-based - for reducing natural hazard risks.

We do this by bridging science and practice to develop and disseminate transparent, reproducible tools for hazard and risk analysis

What we do

- Creating and maintaining an international community focused on natural hazard risk management
- Facilitating the sharing of expertise and distributing innovative, transparent tools for hazard analysis
- Initiating and supporting R&D projects in areas aligned with our mission
- Advancing the harmonization of analytical methods and contributing to discussions on best practices

What the Q in ecorisQ stands for

The Q reflects the principles that guide our work:

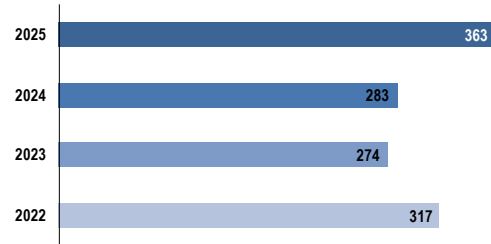
- Quality - Upholding the highest standards of professionalism
- Quantified - Grounded in data, facts, and sound scientific knowledge
- Quartermaster - Equipping professionals with forward-thinking tools
- Quaternary - Addressing risks across temporal scales. Spatially we deal with scales ranging from single slopes to entire watersheds

Key information

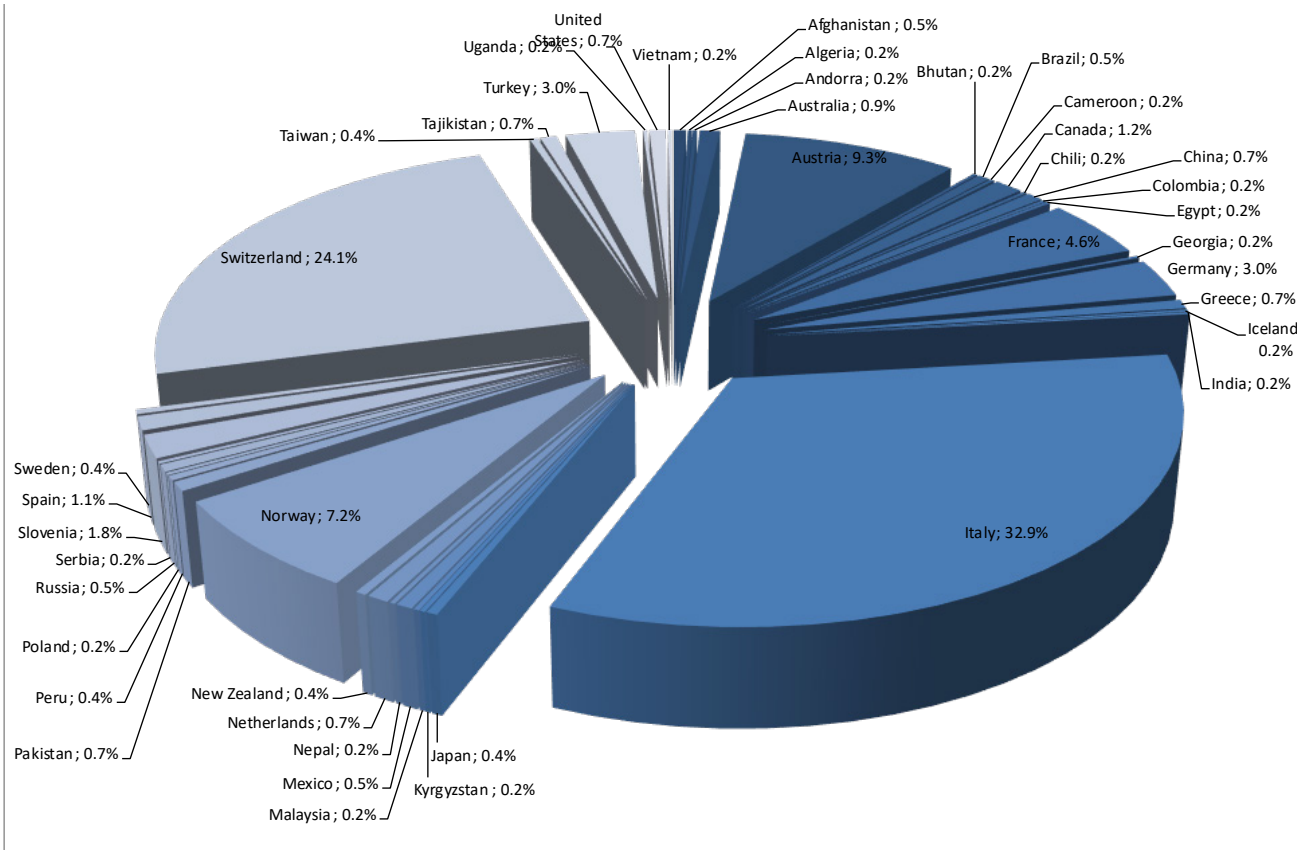
Revenue (CHF)



Nr. of members / member organisations (-)



Countries of members



Member types

	2025	2024	2023	2022
Private sector	63%	66%	64%	63%
Universities / schools	21%	18%	19%	22%
Research institutes	4%	3%	3%	2%
Administration	7%	8%	8%	8%
Other (non-professionals, NGO, ...)	5%	5%	6%	5%

Budget (in CHF)	Result 2021	Result 2022	Result 2023	Result 2024	Result 2025	Planning 2026
General Assembly costs	23'263	20'682	6'155	833	0	1'500
Travel & representation costs	2'858	8'600	9'575	7'388	0	10'000
Registration / memberships / sponsoring	6'112	788	6'388	5'513	1'000	4'500
Association administration	12'908	10'424	6'040	5'865	7'000	8'500
Communication and marketing	10'504	12'900	2'345	1'693	4'000	4'500
Training courses	0	9'689	0	770	1'500	0
Tool development and support	25'713	27'747	41'789	20'711	28'000	84'080
Website development and hosting	7'055	689	638	2'271	7'300	10'000
Bank charges	130	126	111	178	100	200
Total expenses	88'543	91'645	73'041	45'222	48'900	123'280
Membership contributions	69'394	67'704	67'403	71'253	67'500	70'000
Meeting registrations	15'327	3'369	653	0	0	0
Training courses	750	7'676	0	3'420	0	0
Project work	0	0	0	0	0	0
Funding/subsidies/donations/sponsoring	0	0	0	0	0	0
Total income	85'471	78'749	68'056	74'673	67'500	70'000
Total expenses	88'543	91'645	73'041	45'222	48'900	123'280
Total income	85'471	78'749	68'056	74'673	67'500	70'000
Reserve preceding year	84'444	81'372	68'476	63'491	92'941	111'541
Net result	81'372	68'476	63'491	92'941	111'541	58'261

Activities 2025

Tool development

In 2025, several of our core tools were updated and improved.

For rockfall analysis, we developed a QGIS plugin (https://plugins.qgis.org/plugins/QGIS_RF3D/) that facilitates data preparation for Rockyfor3D. Based on a digital elevation model (DEM) and polygon or line inputs (terrain, forest, or rockfall nets), the plugin rasterizes vector attributes while ensuring alignment of all output rasters with the DEM grid and correct ASCII grid output formatting. It also performs internal checks for invalid geometries, mismatched coordinate reference systems, and missing or out-of-range values. In addition, the tool Eline was improved and its manual finalized in English.

Following feedback from multiple users that Rockyfor3D v6.0.1 produced overly optimistic trajectories, we released version 6.0.2 in December 2025. This version adapted the scaling function for tangential energy loss during rebounds, resulting in less optimistic and more realistic rockfall trajectories. In parallel, we launched a data collection campaign among members to support an in-depth optimisation of Rockyfor3D v6. Members were invited to share geodata from carefully mapped recent rockfall events – including input rasters, deposit locations, volumes and block shapes – to expand the calibration database beyond the 15 sites currently available. The response to this call fed directly into the optimised release of April 2026.



Deposits of the ice-rock avalanche in Blatten (Image: Walliser Zeitung)

BankforNET was updated to version 3.7.0 with a redesigned interface offering "Basic" and "Advanced" modes. Stream sediment transport calculations now cover both fluvial bedload transport and debris-flow transport, with an improved parameterization of stream bed surface roughness. The large wood transport capacity model has also been improved, and a new user manual is available directly from the web application.

For shallow landslide assessment, SlideforMAP GUI version 0.0.2 fixes several issues and adds geographically dependent species data: *Betula pendula* (birch) root reinforcement is now available separately for the Alps and for Norway. SlideforNET was also updated to version 0.2.0 with an improved interface and updated user manuals.



Bank erosion leading to significant infrastructure damage in Misox, Switzerland in 2024
(Image: Cantonal Police Grisonsr Zeitung)

General assembly

In 2025, we held our general assembly online on 21 September. Alongside the standard agenda, the session included a dedicated presentation on the planned improvements to Rockyfor3D v6.0 and the upcoming member data collection campaign.

Future activities

The optimisation of Rockyfor3D, initiated through the member data collection campaign in late 2025, was completed in March 2026. Using Leave-One-Out Cross-Validation (LOOCV) across 377 mapped fresh rockfall deposits from 38 sites in ten countries, the process concluded that the most robust and realistic version of Rockyfor3D is one without the Ff and Sf scaling functions introduced in December 2024. This result will be documented in a scientific paper, with all data-contributing members offered co-authorship. Version 6.1, incorporating these findings, was already in April 2026.

Over the course of 2026, Rockyfor3D will transition to Nature Analytics, a company co-founded by ecorisQ's founding President, to ensure the tool's professional long-term development, continued innovation, and dedicated user support. ecorisQ members will retain free access to Rockyfor3D through the end of 2026. ecorisQ will continue to serve its members through its other tools, including FINT, SlideforMAP, Eline, BankforNET, and RockforNET. In parallel, work will begin on manuals for SlideforMAP and BankforMAP.

After 12 years of growth, from a coffee-break idea to a global network of professionals, it seems the right moment to ask: what should ecorisQ continue to be for its members? Yes, ecorisQ still sees itself as a meeting place for experts working on nature-based, sustainable approaches to natural hazard risk management, bridging science and practice across consultancy, research, policy, and education. But what is next?

The next General Assembly is planned for 6 July 2026 - in the evening preceding the RocExs conference – and will be hosted by INRAE Grenoble. Beyond the standard agenda, this GA will be an opportunity to collectively reflect on ecorisQ's future direction – its scope, services, and reach – as the association enters a new chapter following 12 years of growth.

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