



# Association Report 2018

June 2019

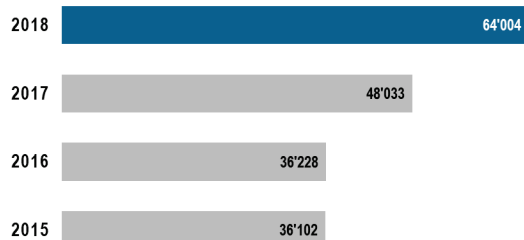
**ecorisQ.**

International association for natural hazard risk management  
[www.ecorisq.org](http://www.ecorisq.org)

# Key information

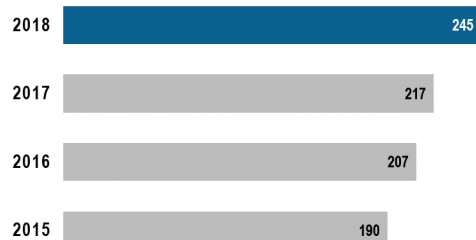
## Revenue

(CHF)

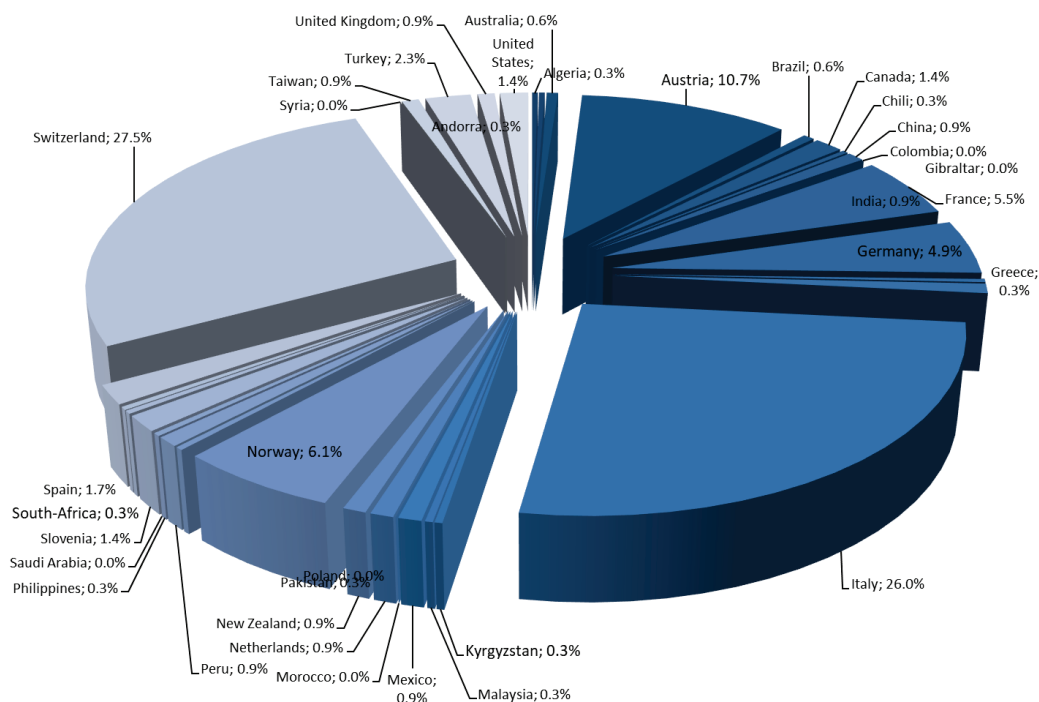


## Nr. of members / member organisations

(-)



## Countries of members



## Member types

	2018	(2017)
Private sector	56%	(63%)
Universities / schools	23%	(21%)
Research institutes	6%	(5%)
Administration	9%	(8%)
Other (non-professionals, NGO, ...)	6%	(3%)

## Budget (in CHF)

Result 2016      Result 2017      Result 2018      Planning 2019

Association affairs: General Assembly	0	0	16'985	5'500
Association affairs: Travel & representation costs	1'646	2'393	2'176	5'000
Association affairs: Registration / memberships	5'134	626	645	3'000
Association affairs: Hardware/Software	0	0	0	0
Association affairs: Copy/printing costs	0	0	0	0
External mandate: Association administration	8'783	12'600	12'829	12'500
External mandate: PR & communication	0	0	1'284	0
External mandate: Training courses	4'308	7'786	3'387	5'000
External mandate: Translation manual	0	0	0	0
External mandate: R&D projects	10'998	8'936	16'598	15'000
External mandate: Website development	6'396	5'413	3'536	1'500
External mandate: Website hosting	1'002	0	662	350
Bank charges	70	92	113	150
Other	0	0	0	0
<b>Total expenses</b>	<b>38'337</b>	<b>37'846</b>	<b>58'214</b>	<b>48'000</b>

Membership contributions	36'228	42'293	51'336	55'000
Projects	0	0	0	0
Meeting registrations	0	0	4'997	5'000
Funding/subsidies/donations	0	0	0	0
Training courses	0	5'740	7'670	4'200
Sponsoring	0	0	0	0
<b>Total income</b>	<b>36'228</b>	<b>48'033</b>	<b>64'004</b>	<b>64'200</b>

Total expenses	38'337	37'846	58'214	48'000
Total income	36'228	48'033	64'004	64'200
Reserve preceding year	29'722	27'613	37'800	43'590

**Net result**      **27'613**      **37'800**      **43'590**      **59'790**

## Activities 2018

### Tool development

The landslide disposition analysis tool SOSlope has been continuously improved during 2018. We continued working on SlideforMAP but came to the conclusion that a first release in 2018 was too optimistic. SlideforMAP is a distributed stochastic limit equilibrium landslide susceptibility model, which can be used for a regional analysis of shallow landslide disposition. In addition, we developed a catalogue of required revisions and improvements for the rockfall trajectory model Rockyfor3D. Members assisted in that process by sharing their experiences and wishes. We will start that revision in 2019.



The highway A13 in Grisons, Switzerland is closed due to flooding and landslides (June 2019; photo: KEYSTONE)

### General assembly, symposium, excursion and training courses

On the 20<sup>th</sup> and the 21<sup>st</sup> of June 2018, we organised a the general assembly, including a technical symposium and an excursion in and around Oslo, Norway. The NGI greatly supported the organisation. The 22<sup>nd</sup> of June 2018, we organised a training course on SOSlope in Oslo, where 15 persons participated.

### Communication and representation

Communication with the members, mainly concerning questions on the tools, represented a major activity, as always. It is our goal to expand the forum on the website for this purpose.

## Future activities

In 2019, ecorisQ aims to release the first version of SlideforMAP, which allows predicting the disposition of shallow landslides at regional scale. For the prediction of the runout of shallow landslides and hillslope debris flows, we envisage to finalise and subsequently release a modelling tool that simulates the propagation zone and kinematics based on a probabilistic-based mass distribution model in combination with a simple friction model.

In addition, we will start a larger revision of the rockfall trajectory model Rockyfor3D. In the coming years, we will integrate a specific modelling tool for rockfall dams.

Last but not least, we plan to support research work that develops tools that allow quantifying the role of vegetation on channel processes.



# Our goal

To promote sustainable protection against natural hazard risks by bringing together science and practice for the development and dissemination of transparent tools for natural hazard and risk analyses.

# Our activities

- creating an international network for natural hazard risk management experts
- stimulating exchange of knowledge and dissemination of innovative transparent tools
- initiating and participating in research, technology or development projects
- standardising methodologies and assisting in respective international debates

# Our Q

- Quality – we aim for standards of high professionalism
- Quantified – we work on the basis of facts and sound scientific knowledge
- Quartermaster – we provide and explain inventive tools
- Quaternary – we cover short and long time scales, but also small and large areas



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