

OCTOBER 9-10 2023

Sala della Cooperazione, Trento (Italy)



Flood hazard,
mitigation works and residual risks:
how can we manage changes over
time?

PROGRAM

- OCTOBER 9 Results of the project “Improving flood hazard governance strategies following the October 29, 2018 event in the Rotiano Torrent” and international contributions**
- 09:30 - 10:00 Registration
- 10:00 - 10:20 Greetings of the Authorities and opening of the workshop
- 10:20 - 12:30 Presentation of the results of the project “Improving flood hazard governance strategies following the October 29, 2018 event in the Rotiano Torrent”
- Lorenzo Malpaga** - Autonomous Province of Trento
Improving flood hazard governance strategies following the October 29, 2018 event on the Rotiano torrent
 - Marco Borga** - University of Padova
Hydro-meteorology of the October 29, 2018 flood event, accounting for climate change
 - Giorgio Rosatti** - University of Trento
The Rio Rotiano event and its challenges to the mathematical and numerical modelling of debris flow phenomena
 - Lorenzo Marchi** - National Research Council
From the Rio Rotiano to the regional scale: Identifying and managing protection structures at risk
- 12:30 - 13:30 **Lunch break (free lunch)**
- 13:30 - 15:00 The components of a changing risk
- Guillaume Piton** - INRAE, France
Torrent control with check dams: historical evolution in France
 - Eva Gertsch** - BAFU, Switzerland
Dealing with aging protection systems in torrents - case studies and guidelines for practice in Switzerland
 - Gian Battista Bischetti** - University of Milano, Italy
Inspection, functionality assessment and maintenance strategy for torrent control structures
- 15:00 - 15:20 **Coffee break**
- 15:20 - 17:00
- Sven Fuchs** - BOKU, Austria
Vulnerability of elements at risk - assessment approaches from an Austrian perspective
 - Elena Mondino** - Credit Suisse, Switzerland
Changes in flood risk perception and implications for disaster risk reduction
 - Sandro Raimondi** - Public prosecutor attorney of Trento
Flood events: possible judicial implications

OCTOBER 9



Results of the Project “Improving flood hazard governance strategies following the October 29, 2018 event in the Rotiano Torrent” and international contributions

OCTOBER 10



National experiences and experiences of Italian Alpine Regions

A translation service will be available during the Workshop.



CONTACT

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REGISTRATION

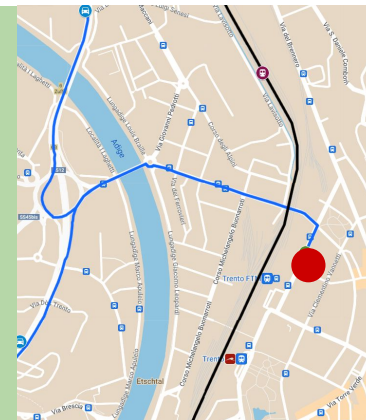
Free entry with **registration required** before October 2, 2023.

<https://webapps.unitn.it/form/it/Web/Application/convegni/bacinimontani23>



LOCATION

Sala della Cooperazione
Via Segantini 10
Trento (Italy)



WORKSHOP PRESENTATION

Torrential risk protection works have a long tradition in Trentino, as well as in the Alps in general, where these measures have allowed more intensive use of the landscape since the twentieth century and form the basis for **rational management of the risk of torrential floods**. At present, thousands of protective works of different ages and conditions characterize the watercourses of the Province. The **maintenance and management of protective works** make it possible to control their inevitable deterioration and to extend their life.

The discussion about **the future of these works requires a multidimensional evaluation**, which concerns not only the structural and maintenance aspects of the single work, but it must also concern the integrated risk management, including residual risk. Today, in fact, protection systems must respond to needs that have changed over time and be flexible towards the uncertainties also linked to climate change. The focus is no longer on purely structural measures, but on an **optimal combination of planning-organizational activities and on adequate individual and collection behaviors during flood events**.

The meeting aims to frame these problems from an interdisciplinary perspective during the first day with talks by international experts, while on the second day, **ongoing experiences in different Italian regional administrations in the Alpine region will be compared**.

PROGRAM

OCTOBER 10 National experiences and experiences of Italian Alpine Regions

- 09:00 - 09:30 Registration
- 09:40 - 10:00 Greetings of the Authorities
- 10:10 - 10:20 National experience
Martina Bussetini - ISPRA
Integration of structural and non-structural risk mitigation measures
- 10:20 - 11:10 Technical experiences of the Italian Alpine Regions
Fabio Di Bernardo - Autonomous Region Friuli Venezia Giulia
Fabio Da Re - Region Veneto
Fabio De Polo - Autonomous Province of Bolzano
- 11:10 - 11:30 **Coffee break**
- 11:30 - 13:00 **Fabio Mandozzi** - Region Lombardia
Antonia Impedovo - Region Piemonte
Paolo Ropele - Autonomous Region Valle d'Aosta
Stefano Fait - Autonomous Province of Trento
- 13:00 - 14:00 **Lunch break (free lunch)**
- 14:00 - 14:40 Recent experiences
Andrea Lazzaroni - Mayor of Dimaro (Italy) - *The Dimaro case (October 2018)*
Alberto Bellin - University of Trento (Italy) - *The Marmolada case (July 2022)*
- 14:40 - 16:00 ROUNDTABLE DISCUSSION (moderator **Raffaele De Col** - Autonomous Province of Trento)

With the patronage of the Professional Association of Agronomist and Foresters and Engineers of the Trento Province and Geologist of the Trentino Alto-Adige Region which recognise the related training credits.

