



WELCOME !

ITS1.10/NH9.27 Inter- and transdisciplinary research and practice: state of transformative knowledge to address global change challenges in mountain regions of the world

4 May 2020, 14:00-15:45

EGU2020: Sharing Geoscience Online (#shareEGU20)
<https://meetingorganizer.copernicus.org/EGU2020/displays/35679>

www.mountainresearchinitiative.org

Session overview



- In this session, we invite contributions to explore diverse experiences with inter- and transdisciplinary research and practice, that is specifically applied in the mountain context. Taking mountains as complex social-ecological systems, they provide a concrete and spatially-defined contexts in which to explore how global change phenomena manifests and how it poses challenges and opportunities for communities and society in general.
- Addressing societal concerns, and finding suitable solutions with regards to associated impacts of global change in mountains, requires an inter- and transdisciplinary (IT-TD) approach to research and practice. We invite contributions based on empirical research and/or practical experience with IT-TD, to critically reflect on these practices in the mountains context and learn from experiences that explicitly address societal grand challenges such as (but not limited to) climate change impacts and adaptation, transformations to sustainability, disaster risk reduction, or transitions to low carbon economies. We welcome contributions depicting research experiences in European mountain regions, other mountain regions around the world, as well as contributions from Early Career Researchers.
- The session is led and coordinated by the Mountain Research Initiative (MRI) with expectations to be able to draw from this session as inputs for the formulation of future research agendas and coordination of research collaborations in mountain regions, worldwide.

Session's expected presentations and displays

See <https://meetingorganizer.copernicus.org/EGU2020/displays/35679>

Chat time: Monday, 4 May 2020, 14:00–15:45

Chairperson: Carolina Adler

D2472 | EGU2020-6453 ★ | **Highlight**

Climate Change, Traditional Life Styles and Livelihood Questions: Socio-cultural and Physical Constraints of Remotely Located Societies of Western Himalaya. ▶

Virender Singh Negi

D2473 | EGU2020-9255 ★

Interdisciplinary collaboration and joint knowledge production in climate change adaptation in mountain regions in South Asia, Latin America and Switzerland. ▶

Christian Huggel and Veruska Muccione and the knowledgeforclimate.net

D2474 | EGU2020-12840 ★

An integrative approach to assessing the resort and recreation potential of the highlands of the North Caucasus of the Russian Federation in the context of global urbanization. ▶

Natalia Efimenko, Elena Chalaya, and Nina Povolotskaya

D2476 | EGU2020-19480 ★ | **Highlight** 

Pilot study on the potential impact of climate variability on sedimentation in Andean reservoirs, based on data from the Cañete catchment, Peruvian Coastal Range. ▶

Miluska A. Rosas, **Veerle Vanacker**, Willem Viveen, Ronald R. Gutierrez, and Christian Huggel

D2477 | EGU2020-19971 ★

The Alpine Environmental Data Analysis Centre (www.alpendac.eu) – A Component of the Virtual Alpine Observatory (VAO) (www.vao.bayern.de) ▶

Michael Bittner, **Dominik Laux**, Oleg Goussev, Sabine Wüst, Jana Handschuih, Alexaner Götz, Helmut Heller, Johannes Munke, Roland Mair, Bianca Wittmann, Inga Beck, Markus Neumann, and Till Rehm

D2478 | EGU2020-20460 ★ 

A transdisciplinary approach to mass-movements mitigation strategies in volcanic habitats: an approach from complex systems ▶

Natalia Pardo, **Miguel Cabrera**, Catalina Gonzalez, Monica Espinosa, Ricardo Camacho, Nancy Palacios, Susana Salazar, Leonardo Parra, and Sonia Archila

D2479 | EGU2020-21235 ★ 

The Environmental Research Station Schneefernerhaus ▶

Inga Beck and Markus Neumann

Session rules for engagement



- 1) Your nickname should include your real name, your affiliation, your role.
- 2) English only!
- 3) Abide by the EGU Code of Conduct, in particular Ch. 6.2 (https://cdn.egu.eu/static/8963cec/about/code_of_conduct.pdf). "*An open and respectful conduct, based on basic politeness, is expected of all meeting attendees*".
- 4) Be concise and please refrain from typing personal messages ("Hi buddy, long time no see" and the likes).

Procedure:

- 1) The list of displays in our session is permanently visible on the right hand side of your screen.
- 2) The comment box at the bottom of your screen is active for chat users only during question time. Users are muted during convener announcements and author presentations.
- 3) Presenting authors type their introductory text when called by one of the conveners to do so ("Up next...") – each presenter has up to **8 minutes** to walk us through their display and/or copy paste in the chat space the key questions/points they would like feedback. Conveners then open the chat (unmute all users) for a few minutes to respond/comment.
- 4) Conveners can ban offending users from the chat.
- 5) At the end of the chat, we are going to post a link to an online questionnaire. This is an initiative of MRI. Collecting your feedback will help us conveners provide a better service if we have to use this conference format again in the future. Completing the questionnaire should take less than 2 minutes. Follow this link: <https://form.jotformeu.com/83462227858365>



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