

GEO Mountains Task Group 1.2



Contributing to a series of regional workshops / consultations into data portal requirements and main data needs / gaps

Meeting #1, 20 January 2022



Housekeeping



- Kindly mute yourselves when not speaking
- Please “raise your hand” to request the floor
- The meeting is being recorded
- Brief notes will be circulated afterwards

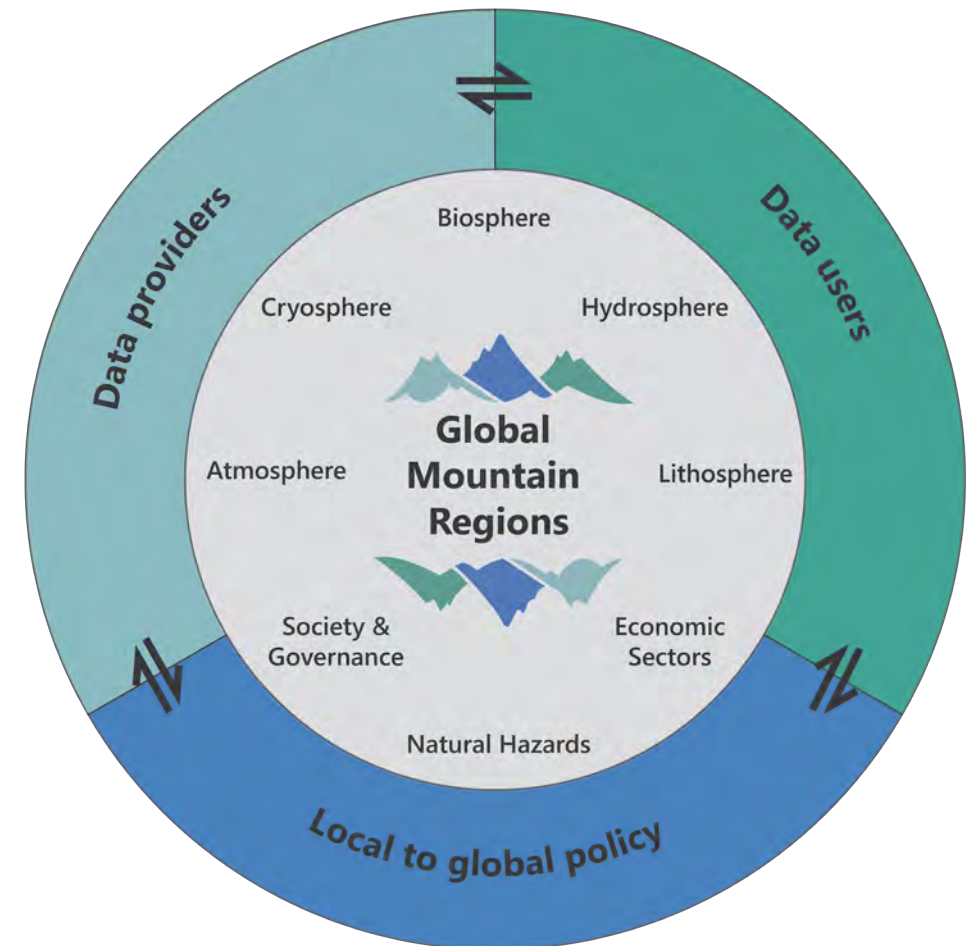
GEO Mountains: an introduction

The Global Network for Observations and Information in Mountain Environments

An Initiative of the Group on Earth Observations (GEO) co-lead by the Mountain Research Initiative (MRI) & the National Research Council of Italy

Objectives:

- ❑ To identify and satisfy the data and information needs of a diverse range stakeholders operating in the mountain sphere
- ❑ To improve monitoring and understanding of mountain processes and phenomena, especially under change
- ❑ To build, connect, and communicate with the community of mountain researchers, practitioners, and policy makers
- ❑ To develop collective reporting capacity that responds to pre-identified assessment and policy needs



Task Groups



Number	Description	Number of participants
1.1a	Develop, maintain, and share a list of relevant datasets	31
1.1b	Develop and maintain a list of interdisciplinary in situ mountain observational infrastructure and associated datasets	20
1.2	Contribute to our series of regional workshops / consultations into data portal requirements and main data needs / gaps	24
1.4	Contribute Knowledge Packages via GEO Mountains to the GEO Knowledge Hub	20
2.1	Analyse the extent to which data from mountain observatories are freely available, and which measurement protocols are followed	14
2.2	Contribute to the MRI's existing Mountain Observatories (MOs) and Elevation Dependent Climate Change (EDCC) Working Groups	24
2.3	Contribute to a GEO Mountains workshop to identify Essential Mountain Societal / Socio-Economic Variables	34
2.4	Develop a global spatial dataset related to mountain socio-economics	20
2.5	Establish links with the paleoscience community to help ensure that paleodata pertaining to mountains are discoverable, accessible, and usable	8
3.4	Develop educational, training, and capacity development materials related to the drivers, processes, and impacts of environmental, ecological, and societal change in mountains	27
3.5	Identify areas in which / how existing resources can be applied to respond to pre-identified policy needs	28

Objectives and links with other activities

- To contribute to the work of GEO Mountains around community / stakeholder engagement
- Specifically, helping us to establish the current “data landscape” in key mountain regions globally (data availability and user data needs)
- As well as outstanding barriers / challenges, and potential solutions

Links with:

- Our work on “Essential Variables” in mountains > also seeking to define “what data we want / need”
- Our data inventories (in situ and general) > ensuring all key datasets (including regional ones) are included
- Our capacity building efforts and role in global assessment exercises: being able to respond to data needs
- Our advocacy efforts to improve the “mountain data landscape” globally

Activities to date and events planned

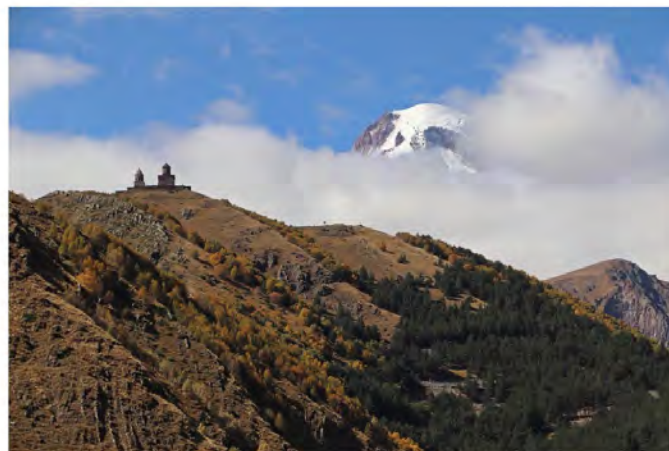
Inter- and Transdisciplinary Mountain Data in the Carpathians: Identifying User Requirements and Access Preferences

Category: GEO Mountains / Published: 14 July 2021



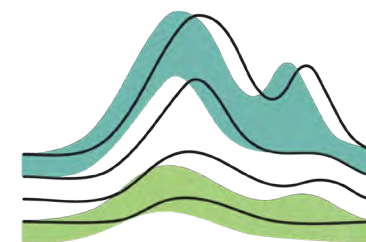
Inter- and Transdisciplinary Mountain Data in the Caucasus: Identifying User Requirements and Access Preferences

Category: GEO Mountains / Published: 06 October 2021



Inter- and Transdisciplinary Mountain Across the Andes: Identifying User Requirements and Access Preferences

Category: GEO Mountains / Published: 21 October 2021



ADAPTATION
AT ALTITUDE

Taking Action in the Mountains

Activities to date and events planned



Inter- and transdisciplinary mountain data across Central Asia: Identifying user requirements and access preferences

28/10/2021 9:00 – 11:30 GEO Mountains Event

\$ Price information

Free, registration required.

📍 Event location

Online



INSTITUTE OF GEOGRAPHY
Science Committee of the



AND WATER SECURITY
Ministry of Education of the RK



- ❑ HKH (ICIMOD) and East Africa (UNEP) workshops / consultations will take place in March and April 2022
- ❑ Results of detailed surveys issued at each meeting to be analyzed and presented in due course (main barriers > regional intercomparisons > next steps to improve the situation)

Workshop format and key questions discussed

1. Invited presentations setting the scene (e.g. experiences of data availability / gaps from the perspective of specific disciplines and/or subregions)
2. Introduction to GEO Mountains and our data inventories (and invitation to contribute)
3. Open discussion of four key questions amongst all stakeholders:
 - *For which sub-regions / disciplines is the data situation currently “good”?*
 - *Where are the major data gaps, and what are the possible underlying reasons?*
 - *What are the potential solutions?*
 - *What needs / desires to data users have in terms of a portal to access resources and information?*
4. Follow up survey, to capture the information more systematically (we try to keep the survey as consistent as possible between regions, to enable inter-comparison > **demo**)
 - Proved quite difficult to encourage participants to complete the survey

Specific tasks

- Volunteer to help co-organize workshops / consultations in other mountain regions, e.g. Alps, Rockies
- Encourage as many as possible of our colleagues working in those regions for which consultations have already been held to complete the associated surveys, which remain open and can be accessed via the GEO Mountains website
- To disseminate information about forthcoming consultations, and encourage relevant colleagues to attend them
- Help analyze the survey results (e.g. identify main data gaps / barriers and other user requirements)
- To make recommendations on next steps that should be undertaken by GEO Mountains, MRI, and our various partner organizations in each region to fill the main data gaps / overcome the main barriers to data sharing
- To ensure that any data access / portal requirements raised are taken into account by Task Group 1.1a (“Contribute to developing, maintaining, and sharing a list of relevant gridded datasets”)

Comments, questions & ideas



Many thanks for your interest and contributions!

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