

Natural Hazards and Climate Change

A conference and workshop for identifying and tackling challenges together

First Circular

As a result of the recent perturbations in the climate system, *the frequency and magnitude of natural hazards are expected to increase in the near future*. The role of the scientific community in this situation is twofold; firstly, we need to *develop techniques to monitor and model natural processes* that threaten the operations of our society; secondly, we ought to come up with *recommendations and solutions to facilitate the mitigation and adaptation of hazards* at the least expense possible.

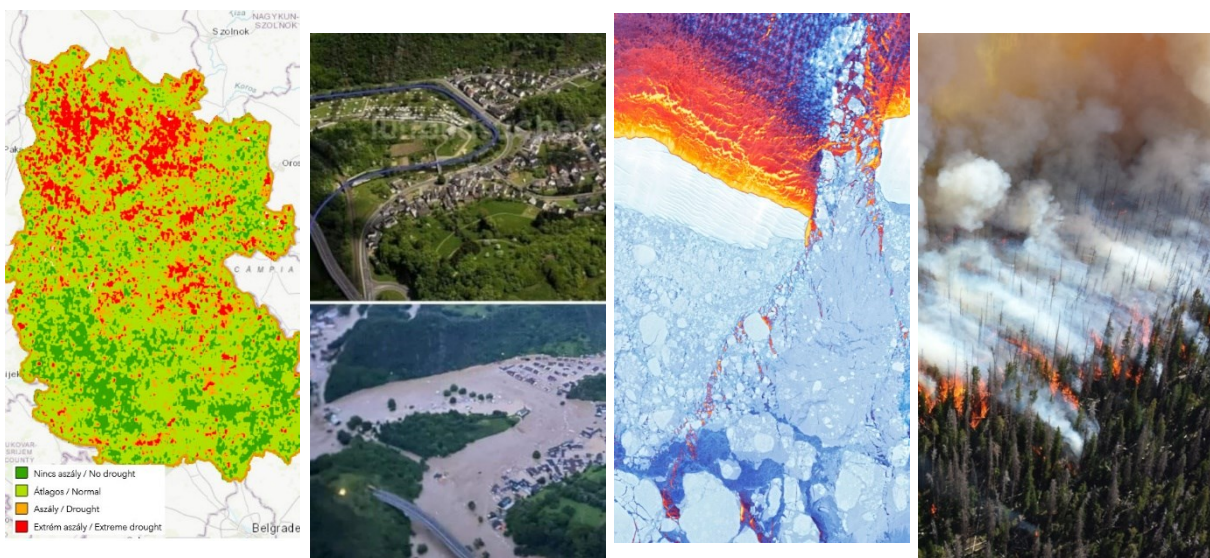
As natural hazards are very complex, the cooperation of specialists is essential to meet the two expectations outlined above. Consequently, *ideas need to be shared continuously, and synergies must be identified from time to time*; however, these actions were hindered greatly by the pandemics in the past years.

Our society's need for solutions is also resembled by the growing number of funding opportunities related to natural hazards and climate change research. This also calls for exchanging ideas since *relevant answers to the problems can only be provided if relevant projects are generated*, but for these essential projects, the significant cooperation is needed.

After identifying the recent knowledge exchange and cooperation gaps, we decided to organise a regional workshop and mini-conference at the University of Szeged.

Date: 23-24 March 2023

**Venue: Department of Geoinformatics, Physical and Environmental Geography
University of Szeged, Hungary**



Preliminary programme

1st day - Thematic sessions:

- Hydrological and meteorological hazards – lowland systems
- Hydrological and meteorological hazards – upland systems
- Geomorphological and geophysical hazards
- Pandemics and spatial variability
- Lessons that can be learnt from past climate and environmental change
- Vegetation and landscape changes

2nd day – Thematic sessions and Workshops:

- Meet the stakeholders: We intend to invite representatives of the stakeholder groups most affected by climate change driven natural hazards in the region and beyond
- Find your project partner: We intend to sow the seeds of future project cooperation by organising thematic discussion groups and joint thinking

Language

The language of the conference is English

Organisers and Partners

Department of Geoinformatics, Physical and Environmental Geography, University of Szeged

Embassy of the Kyrgyz Republic to Hungary

Szeged Regional Committee of the Hungarian Academy of Sciences

Subcommittee of Geomorphology, of the Hungarian Academy of Sciences

Subcommittee of Geoinformatics, of the Hungarian Academy of Sciences

Subcommittee of Landscape Geography, of the Hungarian Academy of Sciences

General Directorate of Water Management, Hungary



Scientific Committee

Prof. Dr. Gábor Mezősi (University of Szeged, Hungary)
Dr. György Sipos (University of Szeged, Hungary)
Dr. Ferenc Kovács (University of Szeged, Hungary)
Dr. Tibor Bíró (University of Public Service, Faculty of Water Sciences, Hungary)
Prof. Dr. Petru Urdea (University of West Timisoara, Romania)
Prof. Dr. Slobodan Markovic (University of Novi Sad, Serbia)
Prof. Dr. Ralf Ludwig (Ludwig Maximilian University of Munich, Germany)
Prof. Dr. Mohssen Moazzen (University of Central Asia, Kyrgyzstan)
Prof. Dr. Markus Fiebig (University of Natural Resources and Life Sciences, Vienna, Austria)
Dr. Tin Lukic (University of Novi Sad, Serbia)
Dr. Alexandru Onaca (University of West Timisoara, Romania)

Deadlines

Registration and submission of abstracts: **24. February 2023**

Second circular with finalised programme: **10. March 2023**

Registration

If you wish to participate on the conference, please register at:

<https://forms.gle/wrz6dTRbCpECzguFA>

If any further questions, please contact us at:

geoh.cc.2023@gmail.com

Registration fees 55 EUR (full registration)

35 EUR (young researchers, below age of 30)

(registration fee covers refreshments and a conference dinner on the 23rd)

Special Issue

Authors will have the opportunity to publish the scientific results presented at the meeting in a dedicated special issue. The journal and details will be clarified by the second circular.

