

IGAG Working Group Report: Geomorphology and Society

The IGU-IGAG Joint Commission/Working Group 'Geomorphology and Society: Past, Present and Future' is currently a jointly organised IGU Commission/IGAG Working Group. Following the precursor IGU Commissions on Geomorphology and Society as well as on Hazards Mitigation, and supported by ongoing discussions with respective IGAG bodies such as the Working Group on Geo-archaeology, a joint IGU Commission/IGAG Working Group was suggested. In 2017, both the IGU and the IGAG agreed to establish such a Joint Commission/Working Group to give effect to the Memorandum of Understanding that both organisations signed at the 33rd IGC in Beijing in August 2016.

The Joint IGU-IGAG Commission/Working Group was approved by IGAG Council Meeting in November 2017 during their meeting in New Delhi, India, and with the new name in April 2018 in Vienna, Austria. IGU General Secretary Michael Meadows confirmed the acceptance by IGU in April 2018.

A. Membership

Since April 2018 the Joint IGU-IGAG Commission/Working Group on Geomorphology and Society is newly structured and co-chaired by

- Margreth Keiler, University of Bern, Switzerland (margreth.keiler@giub.unibe.ch) and
- Sanja Faivre, University of Zagreb, Croatia (sfaivre@geog.pmf.hr).

The Secretary General is Sven Fuchs, University of Natural Resources and Life Sciences, Vienna, Austria (sven.fuchs@boku.ac.at).

The chairs and the Secretary General is supported by the current steering committee:

	Full name	Gender	Country	Institution	E-mail address
Chairperson	Margreth Keiler	Female	Switzerland	Institute of Geography, University of Bern	margreth.keiler@giub.unibe.ch
Joint chair	Sanja Faivre	Female	Croatia	Department of Geography, University of Zagreb	sfaivre@geog.pmf.hr
Secretary and Treasurer	Sven Fuchs	Male	Austria	Institute of Mountain Risk Engineering, University of Natural Resources and Life Sciences	sven.fuchs@boku.ac.at
Steering committee member 1	Piotr Migoń	Male	Poland	Institute of Geography, University of Wrocław	piotr.migon@uwr.edu.pl
Steering committee member 2	Jiun-Chuan Lin	Male	Taiwan	Department of Geography, National Taiwan University	jclin@ntu.edu.tw
Steering committee member 3	Jonathan French	Male	UK	Department of Geography, University College London	j.french@ucl.ac.uk
Steering committee member 4	Yuichi S. Hayakawa	Male	Japan	Center for Spatial Information Science, The University of Tokyo	hayakawa@csis.u-tokyo.ac.jp
Steering committee member 5	Werner Nel	Male	South Africa	Department of Geography and Environmental Science, University of Fort Hare	WNel@ufh.ac.za
Steering committee member 6	Olav Slaymaker	Male	Canada	Department of Geography, University of British Columbia	olav.slaymaker@ubc.ca

The list of the membership of the Joint IGU-IGAG Commission/Working Group on Geomorphology and Society includes 42 international researchers from Austria, Mexico, Croatia, Serbia, Spain, Poland, UK, Japan, Taiwan, Switzerland, Germany, South Africa, Nigeria, France, Tajikistan, Canada and the USA. The members are informed by newsletters and the connected via the website <http://www.geomorphologyandsociety.info>.

B. Meetings

A meeting of the joint IGU Commission/ IAG Working Group on Geomorphology and Society was scheduled during the EGU from 7-12 April 2019 in Vienna, Austria. During the splinter meeting on Thursday April 11, 2019, planned activities and possible participation in research calls were discussed, as well as a planned Special Volume on the topics of the Commission/Working Group. Furthermore, a session on the topic of the joint IGU Commission/IAG Working Group on Geomorphology and Society was suggested, but did not receive the minimum number of participants.

A session was proposed and approved for the 34th International Geographical Congress to be held in Istanbul (17-21 August 2020).

Co-production and evolution between geomorphological dynamics and human influence
Chairs: Margreth Keiler and Sanja Feivre

Organised by the Joint IGU-IAG Commission/Working Group on Geomorphology and Society: Past, Present, and Future, this session aims to discuss the dualism of the relationship between geomorphological processes and people, and how this has developed over time. This session is targeted at providing a platform for scientists with common interests in geomorphology and, in particular, the complex and integrated nature of the relationship between landforms, geomorphological processes and societies. As such, we are inviting contributions that focus on the two-way interactions between geomorphological processes/landforms and human activity. These should show how the various factors of the physical environment interact with the anthroposphere, and, in turn, how population and individuals may affect (and change) these factors. As a corollary, contributions may center on interrelationships between man and the landscape, or human-landscape relations, with mutual interaction. In this context, topics of different fields may be addressed in the session such as landform evolution, landscape sensitivity and resilience in the overall context of the interrelation between geomorphology and society, geohazards, geoheritage and conservation, geomorphological responses to (and evidence for) environmental change, and applied geomorphology. Possible key concepts may include the concept of space and the concept of time, which involves the paradigms of dynamical systems, nonlinearities, chaotic behaviour and even panarchy in geomorphological and social systems, including cultural landscapes and landscape conservation and heritage. Moreover, issues of scale and hierarchies may be addressed, and methods and applications of dynamic rather than equilibrium ideas and metaphors. Contributions should provide new insights how to conceptualize, analyse, model and/or interpret such two-way interactions between geomorphological processes/landforms and human activity in the past, present or future. While case studies are welcome to underpin the overall string of arguments, they should be framed by and embedded in methodological approaches and concepts to enable transferability and further scientific discussion.

A similar session was proposed and approved for the EGU General Assembly 2020 to be held in Vienna (03-08 May 2020).

Co-production and evolution between geomorphological dynamics and human influence
(ITS2.1/GM12.4)
Chairs: Margreth Keiler, Sven Fuchs and Sanja Feivre

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C. Networking

The current commission is the result of collaboration between the previous commission of Geomorphology and Society and the Hazard Mitigation commission, thus a well-established exchange between the different commissions exist via different members. As already highlighted in the introduction section the IGU Commission 'Geomorphology and Society: Past, Present and Future' is currently jointly organized IGU Commission and IAG Working Group, therefore there is also a closely collaboration with the International Association of Geomorphologists.

During EGU 2020, a meeting of the Joint IGU-IAG Commission/Working Group on Geomorphology and Society: Past, Present, and Future will take place on Wednesday, 06 May 2020, 14:00-15:45, room 2.61.

D. Publications and Outreach

Further information is available at the website <http://www.geomorphologyandsociety.info>. The WG Chairs kindly would like to ask for an update on the IAG Website, WG activities are still linked to the 2018 inaugural meeting in Vienna.

E. Use of IAG funds

In 2019, IAG funds were not fully spent and available savings will be used in 2020. Expenses were only necessary for the web address and hosting of the website.