



## IAG DENUCHANGE business and planning meeting

14 March 2023, 8:30-9:30 AM GMT

### Meeting summary report

#### **Business meeting participants**

Nevena Antić (Serbia)  
António Bento-Gonçalves (Portugal)  
Achim A. Beylich (Norway)  
Axel Cerón-Gonzalez (Poland)  
Monique Fort (France)  
Valentin Golosov (Russia)  
Milica Kašanin-Grubin (Serbia)  
Waldemar Kociuba (Poland)  
Hilit Kranenburg (Israel)  
Katja Laute (Norway)  
Hanoch Lavee (Israel)  
Adam Łajczak (Poland)  
Małgorzata Mazurek (Poland)  
Eliza Płaczowska (Poland)  
Olimpiu Pop (Romania)  
Joel Roskin (Israel)  
Nurit Shtober-Zisu (Israel)  
Ewa Smolska (Poland)  
Mauro Soldati (Italy)  
Gianluca Tronti (Italy)  
Francesca Vergari (Italy)  
Gorica Veselinović (Serbia)  
António Vieira (Portugal)  
Rami Zituni (Israel)  
Zbigniew Zwoliński (Poland)

## Welcome of meeting participants

Zbigniew Zwoliński opened the meeting and welcomed all business meeting participants. The meeting took place in person at the University of Haifa during the 3<sup>rd</sup> IAG-DENUCHANGE Workshop. In total 25 participants from 9 different countries participated in the business meeting. Again, warm thanks went to Achim A. Beylich for leading WG in recent years. Sincere thanks went to Nurit Shtober-Zisu, Lea Wittenberg and Hilit Kranenburg and all the organizers of the Working Group's Workshop.

## Publication opportunities

Zbigniew Zwoliński informed about the possibility of submitting papers to the special issue of the Land MDPI journal *Surface Runoff and Soil Erosion in the Mediterranean Region* ([https://www.mdpi.com/journal/land/special\\_issues/GEIGRUEB2C](https://www.mdpi.com/journal/land/special_issues/GEIGRUEB2C)) or Landform Analysis (<http://sgp.home.amu.edu.pl/la/laintr.htm>).

## DENUCHANGE session during EGU General Assembly 2023 in Vienna

Achim A. Beylich provided details of the session GM4.2 *Denudational hillslope and fluvial processes and associated source-to-sink fluxes under changing climate and increasing anthropogenic impacts* during upcoming EGU General Assembly in Vienna, 23-28.04.2023. The session is co-organized by the IAG Working Group on Denudation and Environmental Changes in Different Morphoclimatic Zones (DENUCHANGE, 2017-2026) and co-sponsored by IAG – International Association of Geomorphologists. The conveners are Achim A. Beylich, Katja Laute, Olimpiu Pop, Dongfeng Li (Singapore) and Ana Navas (Spain). The session includes 9 oral presentations given in a hybrid format and 10 poster presentations (9 on-site and 1 virtual) (<https://meetingorganizer.copernicus.org/EGU23/session/47043#>).

## DENUCHANGE session at the IAG Regional Conference on Geomorphology in Cappadocia (Turkey)

Zbigniew Zwoliński informed about the thematic session entitled *Denudation and Environmental Changes in Different Morphoclimatic Zones* submitted to the 2023 IAG Regional Conference which will be held at Cappadocia, Turkey, on September 12-14, 2023. The session covers following topics:

- Actual drivers of denudational processes
- Hydrological, sedimentological and geomorphological monitoring of denudational processes
- Climatic changes and denudation
- Land cover and land use changes and denudation
- Human impact and rate of denudational processes
- Rate of denudational processes in selected morphoclimatic zones
- Global input and output of denudational processes

Unfortunately, the DENUCHANGE session has not been included in the conference program so far. The conference organizers informed that two big earthquakes, that hit Turkey last time, affected the organizational work. Moreover, they are still awaiting session proposals from other working groups and are planning to release all together. However, they assured the issue will be solved as soon as possible. We will keep you informed on a regular basis.

## Special issue of Geomorphology journal

Achim A. Beylich reminded about the open call for papers to the special issue of Geomorphology *Denudation under changing environment at different spatial and temporal scales*. This special issue is dedicated to DENUCHANGE members and invited colleagues. When submitting your manuscript(s) through the Editorial Manager submission platform, please select "VSI Denudation" as the "Article Type" when you reach this step during the submission process. This correct selection is important as

it will make sure that your manuscript will be directed to the special issue. Submissions are possible from now onwards, and the deadline for submission of manuscripts to the special issue will be **31 May 2023**. So far 20 abstracts have been submitted. Papers from the workshop in Haifa may also be submitted to this special issue. Please find information on the special issue at <https://www.sciencedirect.com/journal/geomorphology/about/call-for-papers#denudation-under-changing-environment-at-different-spatial-and-temporal-scales> or contact Achim A. Beylich ([achim.beylich@geofieldlab.com](mailto:achim.beylich@geofieldlab.com)) when interested in submitting a paper.

### **The book Climate and Anthropogenic Impacts on Earth Surface Processes in the Anthropocene**

Achim A. Beylich informed about the progress of work on the book entitled Climate and Anthropogenic Impacts on Earth Surface Processes in the Anthropocene edited by Beylich, Tarrío, Li, Oliva and Morellon. The official deadline for book chapter submission is May 31, 2023, but it will be extended until Autumn 2023. So far 10 WG DENUCHAGE members have been participating in this activity. There is still a possibility to join the team of authors. Please get in contact with Achim A Beylich ([achim.beylich@geofieldlab.com](mailto:achim.beylich@geofieldlab.com)) or Dongfeng Li ([dongfeng@u.nus.edu](mailto:dongfeng@u.nus.edu)) if you wish to participate in this activity.

### **DENUCHAGE Field Test Site Catalog - multimedia edition**

Katja Laute reminded about the possibility of promoting the DENUCHAGE Field Test Sites using short video presentations. The upcoming fieldwork season will be a good chance to collect materials for video presentations. Please get in contact with Katja Laute ([katja.laute@geofieldlab.com](mailto:katja.laute@geofieldlab.com)) if you wish to participate in this activity.

### **DENUCHAGE subgroup on heavy metals in river sediments**

Milica Kasanin-Grubin provided details of DENUCHAGE subgroup on heavy metals in river sediments. The task of the subgroup would be to collect data on river sediments both in unpolluted natural areas and in areas with varying degrees of heavy metal contamination. Everyone is welcome to send sediment samples from their study areas to Milica Kasanin-Grubin. The outcome of the subgroup will be the creation of a common database on heavy metals in river sediments in various regions of the world and the possibility of publishing a joint paper of the DENUCHAGE subgroup. All details on the project together with an instruction for sediment sampling will be soon sent to all DENUCHAGE members. In case of any questions please contact Milica ([milica.kasanin@ihtm.bg.ac.rs](mailto:milica.kasanin@ihtm.bg.ac.rs)).

### **COST proposal SeDyCHANGE**

Zbigniew Zwoliński passed on Luca Mao's (UK) message about the current status of the COST project SeDyCHANGE. The feedback from the application was not too bad overall, and it's constructive, so we can use it to improve the proposal and resubmit it. The deadline is on 25<sup>th</sup> October 2023. Luca will get in contact soon with Francesco Comiti (Italy) and Olimpiu Pop to discuss the major changes. Then he will get in contact with all participants of the previous call, and circulate a new version of the proposal.

### **Other**

Achim A. Beylich asked about the next in-person meeting of the WG DENUCHAGE. Zbigniew Zwoliński proposed Italy as a meeting place in 2024. Francesca Vergari agreed to arrange a future meeting. Mauro Soldati offered support from the Italian Association of Physical Geography and Geomorphology in organizing the DENUCHAGE meeting in Italy.

Achim A. Beylich informed about the 11<sup>th</sup> IAG International Conference on Geomorphology that will be held in Christchurch in New Zealand on February 9-13, 2026. He recommended this conference to

WG DENUCHANGE members as an excellent opportunity for international exchange with fellow geomorphologists.

Two grants for Young Geomorphologists were funded by IAG to participate in the 3<sup>rd</sup> IAG DENUCHANGE Workshop in Israel. The grant holders were Axel Cerón-González the Erasmus Mundus Master in Soil Science at the University of Agriculture in Kraków (Poland) and Eliza Płaczowska of the Polish Academy of Sciences in Kraków (Poland).

Aachen, 24 March 2023

Eliza Płaczowska