



IAG DENUCHANGE business and planning meeting (virtual meeting)

3 June 2021, 15:00-16:15 CEST

Meeting summary report

Business meeting participants

Ahinora Baltakova (Bulgaria)

Achim A. Beylich (Norway)

Irene M. Bollati (Italy)

Antonio Cendrero (Spain)

Piotr Cienciala (USA)

John C. Dixon (USA)

Milica Kasanin-Grubin (Serbia)

Katja Laute (Norway)

Dongfeng Li (Singapore)

Luca Mao (UK)

Małgorzata Mazurek (Poland)

Estela Nadal Romero (Spain)

Ana Navas (Spain)

Eliza Płaczkowska (Poland)

Olimpiu T. Pop (Romania)

Juan Remondo (Spain)

Lena Katharina Schmidt (Germany)

Nurit Shtober-Zisu (Israel)

Bruno Testa (Italy)

Francesca Vergari (Italy)

Zbigniew Zwoliński (Poland)

Welcome of meeting participants

Achim A. Beylich (Norway) opened the meeting and welcomed all business meeting participants. In total 21 participants from 12 different countries participated in the business meeting.

Presentation of the new IAG Working Group on Badlands

Milica Kasanin-Grubin (Serbia) and Estela Nadal Romero (Spain) gave a presentation on their new IAG Working Group on Badlands. Achim A. Beylich had invited them to the DENUCHANGE business meeting. A possible collaboration between the two working groups on Badlands and DENUCHANGE is planned and was discussed. The collaboration can include joint round tables and virtual scientific working group webinars/workshops organized back-to-back (see also below).

COST Action proposal related to DENUCHANGE

Luca Mao (UK) presented a general overview on COST Actions and a summary of first ideas (definition of working groups within the planned COST Action related to DENUCHANGE), concrete plans and forthcoming steps for the planned COST Action proposal related to DENUCHANGE. The deadline for submission of this COST Action proposal will be 29 October 2021.

Luca Mao is leading the COST Action proposal and will be the main proposer for this COST Action.

DENUCHANGE field test site catalogue

Katja Laute (Norway) gave an overview for the creation of a DENUCHANGE field test site catalogue. The DENUCHANGE field test site catalogue will be prepared as an interactive PDF-file including short and well illustrated presentations of all accepted DENUCHANGE field test sites. Each presented field test site will be linked to an interactive map. The DENUCHANGE field test site catalogue shall be prepared and published by October 2021. The deadline for submission of material (logo, photos, figure, summary texts) for this catalogue is 15 July 2021. All material should be sent to katja.laute@geofieldlab.com.

By today, 35 DENUCHANGE field test sites have been accepted for the DENUCHANGE network of field test sites.

DENUCHANGE synthesis and review papers

Joanna Gudowicz (Poland) has been in contact with all colleagues that have provided catchment data for the DENUCHANGE SWAT modelling project. In July she will start with working on SWAT modelling for those catchments where SWAT modelling has never been done before: Erdalen (Norway), Suldén/Solda (Italy), Estero Morales (Chile), Tuotuohe (China) and Sullivan Creek (USA). A modelling plan will be sent, including the work schedule: Data collection, modelling steps, output data and calibration.

Achim A. Beylich (Norway) is preparing a first outline for the DENUCHANGE synthesis/review paper (Beylich et al.) on *Drivers of contemporary denudation in different morphoclimates*. The outline will be sent to DENUCHANGE members soon. It is planned to submit this multi-authored DENUCHANGE synthesis/review paper to *Nature Reviews Earth & Environment*.

Antonio Cendrero (Spain) presented updated information on his synthesis paper on *Denudation, global change and the Anthropocene* (Cendrero, Remondo, Forte et al.). A new draft of this synthesis paper will be sent to DENUCHANGE members soon. The paper shall soon be submitted to a leading international journal.

Third DENUCHANGE Workshop, Haifa, Israel

Nurit Shtober-Zisu (Israel) informed about the status of the Third DENUCHANGE Workshop in Haifa, Israel. The decision on the new dates for this postponed workshop will be taken as soon as the global COVID-19 situation will allow it. Information on the workshop and the connected field trips is available at the workshop webpage under <https://denuchange.wixsite.com/denuchange2020>.

DENUCHANGE scientific webinar

A DENUCHANGE scientific webinar (half day), including scientific presentations from DENUCHANGE members and being widely announced through Geomorph-list (including a Flyer) is planned for September/October 2021. It was discussed to possibly organize this DENUCHANGE scientific webinar back-to-back with a virtual scientific workshop/webinar organized by the IAG Working Group on Badlands.

Next DENUCHANGE business meeting

The next DENUCHANGE business meeting will take place as a virtual meeting on 7 September 2021, 15:00-17:00 CEST. The ongoing discussions will be continued and taken further during this upcoming business meeting. Achim A. Beylich will invite to this virtual meeting in the second half of August.

Selbustrand, 22 June 2021

Achim A. Beylich