



IAG GeoNorth and GeoNor Newsletter

GeoNorth and **GeoNor** were formally approved as **National Scientific Members** of the **International Association of Geomorphologists (IAG)** (<http://www.geomorph.org>) in September 2019.

Short presentation IAG GeoNorth

The new Nordic IAG Network of National Geomorphology Groups/Communities from Denmark, Finland, Iceland, Norway and Sweden (IAG GeoNorth) is stimulating the active communication, collaboration and exchange between the national geomorphology groups/communities of Denmark, Finland, Iceland, Norway and Sweden in Northern Europe. By serving as an international IAG umbrella network, GeoNorth shall foster the initiation and/or further development of national geomorphology groups in the five Nordic countries. Being a formal and official organ of the IAG, GeoNorth is connected with the global IAG network of national senior and young geomorphologists groups and communities.

GeoNorth national representatives

- Dr. Achim A. Beylich (Chair), Norway
- Dr. Katja Laute, Norway
- Professor Dieu Tien Bui, Norway
- Dr. Mikkel Fruergaard, Denmark
- Dr. Verner Brandbyge Ernstsen, Denmark
- Professor Jukka Käyhkö, Finland
- Dr. Eliisa Lotsari, Finland
- Dr. Thorsteinn Sæmundsson, Iceland
- Dr. Lina Polvi Sjöberg, Sweden
- Professor Arjen P. Stroeven, Sweden

Further information:

<http://www.geomorph.org/national-scientific-members/>

Short presentation IAG GeoNor

The National Norwegian IAG Geomorphology Group (IAG GeoNor) will increase the national and international visibility of Norwegian geomorphology and will stimulate the active communication, collaboration and exchange between senior and early career scientists from geomorphology and from other bio-geophysical and engineering disciplines working at different universities, research institutes and companies in Norway. In addition, GeoNor shall serve as a catalyst for the development of international scientific contacts and collaborations for Norwegian senior and early career scientists. As an active National Scientific Member of the IAG, GeoNor is part of a global network of senior and young geomorphologists groups and communities.

GeoNor core members

- Dr. Achim A. Beylich (Chair), Norway
- Dr. Katja Laute, Norway
- Professor Dieu Tien Bui, Norway
- Dr. Benjamin Bellwald, Norway
- Professor Nils Rüter, Norway
- Dr. Louise M. Vick, Norway
- Professor Stefan Winkler, Germany

Further information:

<http://www.geomorph.org/national-scientific-members/>

Introduction of GeoNorth national representatives and GeoNor core members (Part I)



Dr. Mikkel Fruergaard

Department of Geosciences and Natural Resource Management, University of Copenhagen, DK

Denmark, national representative

I am employed as a tenure-track assistant professor at the Department of Geosciences and Natural Resource Management, University of Copenhagen. My field of research involves the geomorphology and depositional evolution of Holocene coastal landscapes in Denmark and abroad where I study how changes in climate, sea level and sediment supply influence coastal evolution. Recently, I have started studying how geomorphology controls the deposition of marine plastic in the coastal zone. This work is carried out within the framework of a new project that focus on tracing plastic from source to sink in the coastal waters of Myanmar.



Dr. Achim A. Beylich

Geomorphological Field Laboratory (GFL), Selbustrand, Norway

Norway, national representative

I am a geomorphologist with more than 25 years of work experience in field- and laboratory-based process-geomorphic research in various climatic environments and landscapes in Iceland, Sweden, Finland, Canada, Russia, Germany, Austria, Norway and Spain. Since 2004 I have initiated and led a number of international and interdisciplinary research groups, networks and programs on geomorphologic processes and landscape development under ongoing or accelerated climate change and increasing anthropogenic pressures. I have been working at research institutes and universities in Germany, Sweden, Iceland, Canada and Norway, and I am currently Head of Operations at the Geomorphological Field Laboratory (GFL), Selbustrand, Norway.



Dr. Benjamin Bellwald

Volcanic Basin Petroleum Research (VBPR) AS, Oslo Science Park, Norway

Norway, core member

My name is Benjamin Bellwald and I work as a senior geologist at VBPR in Oslo. After having graduated in Geology and Geochemistry at ETH Zurich, I did a PhD in Marine Geology and Geophysics at University of Bergen. I started my job at VBPR in Oslo in 2017, where my work focuses on i) Neogene and Quaternary stratigraphy, ii) carbon sequestration and energy transition, and iii) geohazards and technological development. At VBPR, we use high-resolution 3D seismic data combined with potential field data, well information and seep analyses to improve our knowledge on the stratigraphy and processes of the most recent intervals in geological history.



Dr. Katja Laute

Geomorphological Field Laboratory (GFL), Selbustrand, Norway

Norway, national representative

I am a geomorphologist and I have received my doctoral degree at the Norwegian University of Science and Technology (NTNU) in Trondheim. My research activities focus on earth surface processes and landscape development in different environments including denudational hillslope processes, fluvial processes, coastal cliff erosion and sedimentary budgets. I have been working at different universities and research institutes in Germany, Canada, Norway, Spain and France including extended geomorphological field work in diverse environmental settings. I have published more than 25 peer-reviewed scientific publications (papers and book chapters). Another recent focus of my work is professional nature- and detail photography.



Professor Stefan Winkler

Institute for Geography and Geology, University of Würzburg, Germany

Norway, core member

Stefan Winkler is Professor at the Department of Geography and Geology, Julius-Maximilians-University of Würzburg, Germany. His main research activities are in glacial and periglacial geomorphology, Holocene mountain glacier chronologies, and related dating techniques. Since about 30 years he consecutively conducts field-based research in Norway and has published more than 35 related peer-reviewed articles, book chapters and monograph. Professor Winkler has collaborated on many occasions with several Norwegian universities, authorities, and other institutions such as museums.

Highlights / Latest publications

- Beylich, A.A., (Ed.) (in press): *Landscapes and Landforms of Norway*. Springer.
- Matthews, J., Haselberger, S., Hill, J., Owen, G., Winkler, S., Hiemstra, J., Hallang, H. 2020: Snow-avalanche boulder fans in Jotunheimen, southern Norway: Schmidt-hammer exposure-age dating, geomorphometrics, dynamics and evolution. *Geografiska Annaler A*, published online: <https://doi.org/10.1080/04353676.2020.1762365>.
- Storms, J.E.A., Beylich, A.A., Hansen, L., Waldmann, N., 2020: Source to sink reconstruction of a Holocene Fjord-infill: Depositional patterns, suspended sediment yields, wind-induced circulation patterns and trapping efficiency for Lake Strynevatnet, inner Nordfjord, Norway. *The Depositional Record* 6, 471-485.
- Winkler, S., Matthews, J.A., Haselberger, S., Hill, J.L., Mourne, R.W., Owen, G., Wilson, P. 2020: Schmidt-hammer exposure-age dating (SHD) of sorted stripes on Juvflye, Jotunheimen (central South Norway): Morphodynamic and palaeoclimatic implications. *Geomorphology* 353, published online: <https://doi.org/10.1016/j.geomorph.2019.107014>.



Conference announcement

The first joint Conference of the **Nordic Network of National Geomorphology Groups from Denmark, Finland, Iceland, Norway and Sweden (GeoNorth)** and the **National Norwegian Geomorphology Group (GeoNor)** will be held **1-2 October 2020** as a **Virtual Conference** and will be organized under the **auspices of the International Association of Geomorphologists (IAG)**. Registration for the Virtual Conference is open until **15 August 2020**. More details and the Second Circular are found at <http://geofieldlab.com/nordic-iag-network-geonorth/>.

Open call for Young Geomorphologists National Representatives

We kindly invite **Young Geomorphologists** (*undergraduate or postgraduate – Masters/PhD students or scientists who have received their highest degree, i.e. BSc, MSc or PhD within the past 7 years; provided parental leave fell into that period, up to one year of parental leave time may be added per child, where appropriate*) in the five Nordic countries (Denmark, Finland, Iceland, Norway, Sweden) to participate in our new initiatives and to consider the opportunity to become a **Young Geomorphologists National Representative** for one of the five Nordic countries. IAG GeoNorth and IAG GeoNor have a key focus on the initiation and development of young geomorphologists activities and on the formation of young geomorphologists groups in the five Nordic countries. As a **Young Geomorphologists National Representative** you will have key responsibilities in creating young geomorphologists activities in your Nordic country under the umbrella of IAG GeoNorth / IAG GeoNor. Information on already existing **Young Geomorphologists Groups** in other countries and on the existing IAG network of young geomorphologists groups worldwide is found at <http://www.geomorph.org/iag-network-young-geomorphologists-groups/>.

For more information on IAG GeoNorth/IAG GeoNor and/or on the possible role of becoming a **Young Geomorphologists National Representative** in your Nordic country please contact the Chair of IAG GeoNorth and IAG GeoNor, Dr. Achim A. Beylich: achim.beylich@geofieldlab.com. The submission of applications is possible until **1 September 2020**. The complete call document is found at <http://geofieldlab.com/nordic-iag-network-geonorth/>.

Photo series of distinctive geomorphological landforms in the five Nordic countries



Kannesteinen, Norway



Abiskojåkka Canyon, Sweden

Call for contributions

We invite you to send contributions for the second GeoNorth/GeoNor Newsletter 2/2020 (December). Please send possible contributions before 10 December 2020 to Dr. Katja Laute: katja.laute@geofieldlab.com, e.g.:

- notice on relevant ongoing or future research projects,
- notice on new and relevant scientific publications,
- highlights from field work (for example a photo),
- notice on relevant meetings, workshops, seminars,
- announcement of training courses and exchange opportunities for students and PhD students,
- relevant job advertisements,
- photos on distinctive geomorphological landforms of your country,
- other important information.

30 June 2020

