

CV

Dr. Achim A. Beylich

Scientist, Professor rank

Geomorphologist

- Head of operations at *GFL (Geomorphological Field Laboratory GFL)*
- Editor-in-Chief, *Geomorphology (Elsevier)*
- Chair of *IAG DENUCHANGE (IAG Working Group)*
- Chair of *IAG GeoNor (IAG National Scientific Member Norway)*
- Chair of *IAG GeoNorth (IAG Nordic Network of National Geomorphology Groups from Norway, Sweden, Finland, Denmark and Iceland, and IAG National Scientific Member GeoNorth, Regional Nordic Group)*

Geomorphological Field Laboratory (GFL)

Trondheim-Selbu office (Norway) and Alicante-Calpe office (Spain)

Postal address (Norway main office):

**GFL, Sandviksgjerde, Strandvegen 484,
NO-7584 Selbustrand, NORWAY**

Email: achim.beylich@geofieldlab.com, achim.beylich@gmail.com

Phone: +47 73 818 687, Mobile: +47 93 204 443

GFL website:

<http://geofieldlab.com>

Geomorphology journal (Elsevier) website:

<http://www.journals.elsevier.com/Geomorphology/>

IAG website, IAG GeoNor and IAG GeoNorth websites:

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

IAG DENUCHANGE website:

<http://www.geomorph.org/denuchange-working-group/>

Selected International Key Scientific Projects, Programs and Networks:

ESF-NFR-NGU and GFL (GFL since 2018) SedyMONT-Norway (2008 - 2020):

<http://www.sedymont.sbg.ac.at>, <http://archives.esf.org/coordinating-research/eurocores/programmes/topo-europe/projects/sedymont.html>

ESF SEDIFLUX (2004 - 2006/2017):

<http://archives.esf.org/hosting-experts/scientific-review-groups/life-earth-and-environmental-sciences-lee/activities/completed-networks/sedimentary-source-to-sink-fluxes-in-cold-environments-sediflux-page-1.html>

IAG SEDIBUD (2005 - 2017):

<http://www.geomorph.org/sedibud-working-group/>

IAG DENUCHANGE (2017 - 2021):

<http://www.geomorph.org/denuchange-working-group/>

IAG GeoNor and IAG GeoNorth (2019 -)

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

Born: 7 June 1970, Huntsville, Alabama, U.S.A.; **Nationality:** German

School: 1976 – 1989, Abitur in Aachen (Germany) in 1989

Civil Service: 1989-1990 in Aachen (Germany)

Language skills:

German: native; English: excellent; Norwegian: excellent; Swedish: excellent;
Spanish: good; French: good; Icelandic: basic

Study (1990 – 1995):

Geography (Geography, Economic Geography, Urban Water Management) 1990 – 1995, Department of Geography, RWTH Aachen, GERMANY;

Geology, 1992-1995, Department of Geology, RWTH Aachen, GERMANY

Examination:

Geographer, M.A., 1995, Department of Geography, RWTH Aachen, GERMANY;
Magister Thesis on Coastal Geomorphology, Northern Germany: Untersuchungen zur rezenten Morphodynamik der Schleswig-Holsteinischen West- und Ostküste (unpublished)

Mentors and Supervisors: Prof. Frank Ahnert, Dr. Wolfgang Römer (RWTH Aachen)

Doctorate (1996 – 1999):

Dr. rer. nat., 1996 – 1999 (With Honour: *Summa Cum Laude*; Award: *Luther Urkunde*), Institute of Geography, Martin-Luther-University Halle-Wittenberg, Halle (Saale), GERMANY

Thesis: Beylich, A.A. (1999): Hangdenudation und fluviale Prozesse in einem subarktisch-ozeanisch geprägten, permafrostfreien Periglazialgebiet mit pleistozäner Vergletscherung – Prozessgeomorphologische Untersuchungen im Bergland der Austfirðir (Austdalur, Ost-Island). *Berichte aus der Geowissenschaft*. Aachen. 130pp.

Financial support (Grants to Achim A. Beylich): Graduierten-Stipendium of Bundesland Sachsen-Anhalt, Deutscher Akademischer Austauschdienst (DAAD, Bonn)

Supervisors: Prof. K.-H. Schmidt (Halle / Saale), Prof. F. Ahnert (Aachen), Prof. J.-F. Venzke (Bremen)

Post-Doc and Visiting Scientist positions (1999 – 2004):

1999 – 2001: *Post-Doc Scholar* at the Department of Earth Sciences, Uppsala University, SWEDEN:

DAAD (Deutscher Akademischer Austauschdienst) – Post-Doc-Grant, Post-Doc-Programme, Hochschulsonderprogramm III (Grant to Achim A. Beylich)

Project: Recent sediment budget and relief development in Latnjavagge (Swedish Lapland)

Financial support:

Deutscher Akademischer Austauschdienst (DAAD, Bonn), Swedish Natural Science Research Council (VR), The Royal Swedish Academy of Science (KVA), Department of Earth Sciences, Uppsala University, Sweden

From 2002: Emmy Noether-Programm of Deutsche Forschungsgemeinschaft (DFG, Bonn) (*Excellence Programme*)

Project: Mass transfers, sediment budgets, and relief development in periglacial geosystems

2002 – 2004: *Post-Doc and Visiting Scientist* at the Department of Earth Sciences, Physical Geography, Uppsala University within the Emmy Noether-Programme of DFG (German Science Foundation)

Financial support:

- German Science Foundation, DFG (Bonn, Germany)
- Department of Earth Sciences, Uppsala University, Sweden
- European Commission (EC) LAPBIAT

April – August 2004:

Visiting Scientist at the Natural Research Centre of Northwestern Iceland (NNV), Saudarkrokur, ICELAND

Financial support: Natural Research Center of Northwestern Iceland (NNV)

Employment history and Visiting Professorships (since 2004):

September 2004 – February 2018:

Scientist (permanent research position, full-time) at the Geological Survey of Norway (NGU), Trondheim, NORWAY (<http://www.ngu.no>)

In addition (2005 – 2011: two three-year periods):

Assoc. Professor II at the Norwegian University of Science and Technology (NTNU), Department of Geography, Dragvoll, Trondheim, NORWAY (<http://www.ntnu.no>) (teaching and research position, part-time)

October 2010 – March 2011:

Visiting Professor at the University of British Columbia (UBC), Department of Geography, Vancouver, British Columbia, CANADA (funded by the Norwegian Research Council (NFR): NFR Leiv Eiriksson Programme; collaboration with Prof. Marwan Hassan)

October – December 2015:

Visiting Professor at the University (KU) of Eichstätt-Ingolstadt, GERMANY (funded through University (KU) Eichstätt-Ingolstadt; collaboration with Prof. Michael Becht)

Since 2011:

Scientist with Full Professor rank

Promotion to Researcher Code 1183 at NGU; External Promotion Committee Members:

Prof. Dr. Olav Slaymaker (Vancouver, Canada), Prof. Dr. John C. Dixon (Fayetteville, U.S.A.)

Since 1 March 2018 (ongoing):

Head of Operations and Scientist with Professor rank (self-employed)

Geomorphological Field Laboratory (GFL), Sandviksgjerde, Strandvegen 484, 7584 Selbustrand, NORWAY (*Beylich Geomorfologisk Feltlaboratorium (GFL), Org.nr. 920 540 627 Foretaksregisteret*)

(<http://geofieldlab.com>)

Since 1 October 2018 (ongoing):

Editor-in-Chief, Geomorphology (Elsevier)

(<http://www.journals.elsevier.com/Geomorphology/>)

Ongoing or recently completed projects, networks, programmes and initiatives headed by myself:

- **ESF - NFR SedyMONT- Norway (2008 – 2020: NGU, European Science Foundation (ESF), Norwegian Research Council (NFR): 4.0 Mio. NOK from NFR (01.01.2009 – 31.12.2012, NFR FRIPRO / FRINATEK), GFL (GFL since 2018))** (*A.A. Beylich PI and Project Leader for SedyMONT - Norway*) (ESF EUROCORES Programme TOPO-EUROPE), Doctorands: Susan Liermann (2009 - 2016, Katja Laute (2009 - 2013, Timi Lopez (2009 - 2016)
- ***Sediment source fingerprinting investigations for analysis of drainage basin erosion dynamics in the inner Nordfjord, western Norway (2014-2020)*** (NGU, GFL; collaboration with EEAD-CSIC, Department of Soil and Water, Zaragoza, Spain)
- ***Drivers, spatiotemporal variability and quantitative rates of land-to-ocean solute and sedimentary fluxes in the Calpe region, eastern Spain (GFL 2018 –)***
- ***Sedimentary source-to-sink fluxes, fluvial downcutting and longitudinal profile development in bedrock stream channels in easter Iceland (GFL 2018 -)***
- **NFR Bedload transport in steep mountain streams: Integrating field measurements with flume experiments (2010 - 2011)** (Leiv Eiriksson Project, collaboration with UBC Vancouver, Department of Geography, Canada)
- ***Source-to-Sink Fluxes in Cold Environments***. Financial support (2004 – 2011): NGU, additional sources in Norway, Iceland, Sweden, Finland and Germany
- ***Holocene Landscape Formation in Cold Environments*** (NGU, additional sources in Norway, Iceland, Sweden, Finland and Germany, 2008 - 2011)
- ***Norwegian Project Leader: Detects biofilm variability stable and mobile channel pavement patterns in steep bedload streams in cold environments?*** (NGU, NFR (Norway) / DAAD (Germany)) (2008 - 2012)

- **Morphoclimate, sediment sources, and controls and spatiotemporal variability of solute and sedimentary fluxes and denudation in the Homla drainage basin, central Norway** (NGU, GFL 2011-2018)
- **Morphoclimate, sediment sources, and controls and spatiotemporal variability of solute and sedimentary fluxes and chemical and mechanical denudation in the upper Driva drainage basin, central Norway** (NGU, GFL 2012 -)
- **Chair** of the ESF Network **SEDIFLUX (Sedimentary Source-to-Sink Fluxes in Cold Environments)** (2004 – 2006 (2017))
- **Chair** of the IAG Programme **SEDIBUD (Sediment Budgets in Cold Environments)** (<http://www.geomorph.org/sedibud-working-group/>) (2005 - 2017)
- **IAG SEDIBUD Synthesis Book Project** (Cambridge University Press) (<http://www.geomorph.org/sedibud-working-group/>); the **SEDIBUD Synthesis Book** is published: Beylich, A.A., Dixon, J.C. and Z. Zwolinski (Eds.) (2016): *Source-to-Sink Fluxes in Undisturbed Cold Environments*. Cambridge University Press, Cambridge. 408 pp. (2012 – 2016)
- **Lead Contact** of the IPY **Eols SEDIFLUX / SEDIBUD and DYNAFLUX** (both included in IPY BIPOMAC)
- **Coordinator** of the **DYNAFLUX / DYNACOLD Network** (2004 - 2017; NGU, IPY: Eol DYNAFLUX / IPY BIPOMAC)
- **Chair** of the IAG Programme **DENUCHANGE (Denudation and Environmental Changes in Different Morphoclimatic Zones)** (2017 - 2021) (<http://www.geomorph.org/denuchange-working-group/>)
- **Chair** of IAG **GeoNor (Geomorphological Research Group of Norway)** (2019 -) (<http://geofieldlab.com>, <http://www.geomorph.org/national-scientific-members/>)
- **Chair** of IAG **GeoNorth (Nordic Network of National Geomorphology Groups from Norway, Sweden, Finland, Denmark and Iceland)** (2019 -) (<http://geofieldlab.com>, <http://www.geomorph.org/national-scientific-members/>)
- IAG **Springer-Book Series project on "World Geomorphological Landscapes": Invited Editor for (mainland) Norway: Landscapes and Landforms of Norway** (2018 - 2020).
- **MDPI Journal WATER: Invited Guest Editor for the Special Issue on Fluvial Processes and Denudation** (2019 - 2020) (https://www.mdpi.com/journal/water/special_issues/Fluvial_Processes_Denudation)

Participation in ongoing and completed projects, networks, programmes and initiatives:

- IPY **ArcticNet: Western High Arctic watershed and landscape responses to climate change / Polar Continental Shelf Project, Canada**. Cape Bounty Arctic Watershed Observatory (2007-2011)
- NFR **SEDITRANS** (2004-2008)
- IPY-NFR **SciencePub** (2007-2011)

- *Coupling of slope and fluvial systems in high energy mountain environments under a changing climate. Case studies of processes and sediment fluxes from Vinstradalen and Erdalen, Norway (NTNU - NFR) (2007 - 2008)*
- *Erosion holes in alluvial rivers (NTNU, NVE, NGU) (2005 - 2008)*
- *Quaternary Geology Mapping in Vest-Agder (NGU): Fluvial sediment transport (2011)*
- *WUN Arctic Environments: Vulnerabilities and Opportunities (AEVO) Research Network*
- *KARMA 3D: 3D Mapping and characterising of superficial deposits and groundwater (NGU) (2013 - 2016) (Task: Detecting pollutant, solute and sediment sources and characterising and quantifying pollutant, solute and sediment delivery from selected drainage basin sub-systems, Orkla drainage basin, Norway)*
- *EU COST Action Sub-Urban (2013-2017)*
- *ORMEL – Optimal ressursutnyttelse av grunnvann til oppvarming og kjøling i Melhus og Elverum (NGU) (2015 -2017)*
- *INXCES – Innovations for eXtreme Climatic Events (European Commission) (2016 – 2017)*
- *COST Action CONNECTEUR – Connecting European Connectivity Research (ES1306) (EC) (2014 – 2018)*
- *The Legacy of Mountain Glaciations (MountGlac) (planned COST Action, in preparation)*
- *Role of geochemical deposition zones in the transfer of contaminants of Arctic glacial geosystems (planned project, in preparation for GRIEG program)*

Completed Doctorands:

- Timi Lopez (University of Bonn, Department of Geography) (mentored) (ESF-NFR, SedyMONT-Norway, individual Doctoral Project connected to SedyMONT-Norway, 2009 – 2016). Doctoral thesis on *Changing Cultural Landscapes around the Jostedalsglacier (West Norway), from Cultural Landscape Management to Cultural Landscape Governance – a Future Path?* successfully defended on 18 October 2016 at the Department of Geography, University of Bonn, Germany.
- Skafti Brynjólfsson (NTNU, Department of Geology and MRI) (co-supervised) (2011-2015, IVT Faculty at NTNU). Doctoral thesis on *Dynamics and glacial history of the Drangajökull ice cap, Northwest Iceland*. Successful defence of Doctoral thesis on 24 September 2015 at the Department of Geology and MRI, IVT Faculty, NTNU, Trondheim.
- Katja Laute (NGU) (ESF-NFR, NGU SedyMONT-Norway, 2009 – 2013, NFR Project Research Assistant Position 2009 – 2015). Doctoral thesis on *Denudational processes and relief development in mountain valleys in western Norway: A Holocene to contemporary time perspective*. Successfully defended on 22 November 2013 at the Department of Geology and MRI, IVT Faculty, NTNU, Trondheim.

- Habtamu Itefa Geleta (University of Stuttgart, Institute of Hydraulic Engineering, Department of Hydraulic Engineering and Water Resources Management) (co-supervised). Doctoral thesis on *Watershed Sediment Yield Modeling for Data Scarce Areas*; International Doctoral Programme Environment Water (ENWAT), 2007-2010. Successful defence of Doctoral Thesis on 14 December 2010.

Member of Doctoral Committees (completed):

- Nils R  ther: Computational fluid dynamics in sedimentation engineering. PhD Thesis defence at the Faculty of Engineering Science and Technology, Department of Hydraulic and Environmental Engineering, NTNU Trondheim, Norway in November 2006. External Examiner.
- Marie Chenet: La R  ponse De Versants Islandais Aux Fluctuations Glaciaires. Doctoral Thesis Defence at the University of Paris 1, Laboratory of Physical Geography, France on 24.11.2008.
- Riwan Kerguillec: Les dynamiques p  riglaciaires actuelles dans un milieu de haute montagne atlantique: parcs nationaux du Oppland et du S  r-Tr  ndelag, Norv  ge centrale. Doctoral Thesis Defence at the University of Nantes, Geographic Institute, UMR-CNRS 6554, France on 08.11.2013.

Visiting Doctoral Students (completed):

- Marius-Lucian Dulgheru (Babes-Bolyai University, Cluj-Napoca, Romania), at NGU (SedyMONT-Norway, SEDIFLUX / SEDIBUD) in 2010 (financial support: Romanian Government and NGU)
- Mioara-Ramona Chiaburu (Babes-Bolyai University, Cluj-Napoca, Romania), at NGU (SedyMONT-Norway, SEDIFLUX / SEDIBUD) in 2010 (financial support: Romanian Government and NGU)

Other Training Activities (selection):

- **Invited teaching at NTNU and supervision / co-supervision or mentoring of students** from Norway and other countries (Germany, Switzerland, Sweden, Finland, France, The Netherlands, UK, Canada).
- **International teaching experience** (basic and advanced lectures, field-research-oriented lectures and training, basic and advanced seminars, field and laboratory courses, field excursions on Physical Geography and Geomorphology) from Halle/S. (Germany, 1996-1999 and 2009), Uppsala (Sweden, 2000-2004), Iceland (2004), Trondheim (Norway, since 2004), Vancouver (Canada, 2010/2011), Eichst  tt (Germany, 2015), Poznan (Poland, 2016).

- **Invited Teacher in the PhD Course "Field-based physical geography in boreal and subarctic environments**, University of Turku, Department of Geographie and Kevo Subarctic Research Station, Finland, 7.-12.09.2009.
- **Organiser of the ESF TOPO-EUROPE (CRP SedyMONT) Workshop and PhD Summer School "Detecting Landscape Change"**, Loen (Nordfjord, Norway), August 31 - September 8, 2010 (<http://www.sedymont.sbg.ac.at>).
- **Organiser of the IAG SEDIBUD 7th Workshop, Field Trip and SEDIBUD Summer School "Quantitative analysis of geomorphologic processes: Field methods, experimental techniques and modelling" for Doctoral Students**, Trondheim and Loen (Nordfjord), Norway, September 10 – 17, 2012 (<http://www.geomorph.org/sedibud-working-group/>)

Research Interests:

- Geomorphology
- Hydrology
- Climatology and Morphoclimatology
- Geoecology
- Process Geomorphology
- Functional Geomorphology
- Periglacial Geomorphology
- Sedimentary budgets
- Hillslope-channel coupling/connectivity
- Sedimentary source-to-sink fluxes and correlations
- Land-to-ocean solute and sedimentary fluxes
- Coastal Geomorphology
- Magnitude and frequency in Geomorphology
- Extreme events in Hydrology and Geomorphology
- Holocene to contemporary landscape development
- Human impact on Earth surface systems
- Climate change and Earth surface systems
- Field and laboratory methods and techniques in Process Geomorphology

Research Regions:

- Norway (with Svalbard)
- Spain
- Iceland
- Swedish Lapland

- Finnish Lapland
- Canada
- European Alps
- Russia
- New Zealand
- France
- Northern Germany

Other Activities and Invited Tasks (selection):

- Chair of *IAG GeoNor (IAG National Scientific Member Norway)*
- Chair of *IAG GeoNorth (IAG Nordic Network of National Geomorphology Groups from Norway, Sweden, Finland, Denmark and Iceland, and IAG National Scientific Member GeoNorth, Regional Group)*
- Norwegian National Scientific Representative (IAG National Scientific Member Norway) for *IAG* (since 2018)
- Editor-in-Chief, *Geomorphology (Elsevier)*
(<http://www.journals.elsevier.com/Geomorphology/>)
- Editorial Board Member for *Heliyon (Elsevier)*
- Editorial Board Member and Guest Editor for *Water (MDPI)*
- Member of the Reviewer Board of *Water (MDPI)*
- Regional Editor of *The Open Geology Journal (until 2016)*
- Member of the Editorial Committee of *Norsk Geografisk Tidsskrift NGT - Norwegian Journal of Geography (until 2015)*
- Editorial Board Member for *Revista de Geomorfologie (Journal of Geomorphology)*
- Editorial Board Member for *Landform Analysis*
- Editorial Board Member for the *Journal of Geosciences Research*
- Member of the Reviewer Board of *Remote Sensing (MDPI)*
- Referee for the *European Science Foundation (ESF): ESF College of Expert Reviewers*
- Referee for the *German Science Foundation (DFG)*
- Referee for the *Netherlands Organisation for Scientific Research (NWO)*
- Referee for the *National Science Centre, Poland*
- Referee for the *Natural Sciences and Engineering Research Council of Canada (NSERC)*
- Referee for the *IPY Programme of The Netherlands*
- Referee within the Strategic Project "*Doctorate in Universities of Excellence – Research Assessment and Support for Scientific Publishing (2009-2011)*" (EU Structural Funds, Operational Programme Human Resources Development)
- Referee for *EC COST Actions*
- Referee for the *Leibniz-Gemeinschaft, Germany*
- Referee for the *VolkswagenStiftung, Germany*
- Reviewer for the *Humboldt-Foundation, Germany*

- Referee for the *Autonomous Province of Bolzano in Northern Italy*
- Referee for *Fondazione Cassa di Risparmio di Padova e Rovigo, Padua, Italy*
- Referee for the *IUCN (International Union for Conservation of Nature) World Heritage Programme*
- Expert Reviewer for the *Second Order Draft of the IPCC Special Report on the Ocean and Cryosphere in a Changing Climate (SROCC)*
- Referee for several international journals, e.g. *Geomorphology, Earth Surface Processes and Landforms, Water Resources Research, Geografiska Annaler, Catena, Arctic, Antarctic, and Alpine Research, Hydrological Processes, Journal of Hydrology, Hydrological Sciences Journal, Water, Journal of Hydraulic Engineering, Hydrology Research, Advances in Mechanical Engineering, Zeitschrift für Geomorphologie, Erdkunde, Progress in Physical Geography, Permafrost and Periglacial Processes, Quaternary Research, Global and Planetary Change, Science of the Total Environment, Land Degradation & Development, Journal of Soils and Sediments, U.S. Geological Survey Professional Paper Series, Journal of Marine Science and Engineering, Sustainability, Remote Sensing, Agronomy, International Journal of Environmental Research and Public Health, International Soil and Water Conservation Research, Geoscience Frontiers, Polar Record, Boreas, Agricultural Water Management, International Journal of Earth Sciences, Central European Journal of Geosciences, PLOS ONE, Open Geosciences, Geologica Carpathica, Quaestiones Geographicae, Geografie, African Journal of Agricultural Research*
- Member of the Scientific Committee and Co-Organiser of the *IAG Regional Conference on Geomorphology "Geodiversity of Polar Landforms", Longyearbyen, Svalbard, 1-5 August 2007.*
- Scientific Organiser or Co-Organiser of several *Scientific Workshops* (e.g. ESF SEDIFLUX (Saudarkrokur (Iceland) in 2004, Trondheim (Norway) in 2006), IAG SEDIBUD (Trondheim (Norway) in 2006, Abisko (Sweden) in 2007, Boulder (USA) in 2008, Kingston (Canada) in 2009, Saudarkrokur (Iceland) in 2010, Zakopane (Poland) in 2011, Trondheim and Loen (Norway) in 2012, Garmisch-Partenkirchen / Zugspitze (Germany) in 2014, Kaunertal (Austria) in 2015, Bansko (Bulgaria) in 2016, and Baru (Romania) in 2017, see full details under <http://www.geomorph.org/sedibud-working-group/>); IAG Working Group DENUCHANGE Planning Meeting in 2018 (9 April 2018 during EGU 2018, Vienna, Austria) and First IAG DENUCHANGE Workshop in Storkowo-Szczecinek (Poland), 25-27 September 2018; Second IAG DENUCHANGE Workshop in Calpe (Spain), 12-14 September 2019, Third IAG DENUCHANGE Workshop in Haifa (Israel), 12-14 October 2020 (see full details on the events under <http://www.geomorph.org/denuchange-working-group/> and under <http://geofieldlab.com>); and *Scientific Conference Sessions*, e.g., at EUCOP II in 2005 (Potsdam, Germany), at the Nordic Geographers Meetings in 2007 (in Bergen, Norway) and in 2009 (in Turku, Finland); at the IAG International Conferences on Geomorphology in 2009 (two Sessions:

SEDIBUD and Small Catchments) (in Melbourne, Australia), in 2013 (SEDIBUD - Sediment Budgets) (in Paris, France), in 2017 (SEDIBUD – Sediment Budgets) (in New Delhi, India), and in 2021 (DENUCHANGE) (in Coimbra, Portugal); at the IAG Regional Conference on Geomorphology (Geomorphology of Climatically and Tectonically Sensitive Areas) in Athens (Greece), 19-21 September 2019; and at the EGU Annual General Assemblies in 2010, 2011, 2012, 2013, 2014, 2015 (two sessions), 2016, 2017, 2018, 2019 and 2020 (in Vienna, Austria) (find full details on the various scientific conference sessions at: <http://www.geomorph.org/sedibud-working-group/>, <http://www.geomorph.org/denuchange-working-group/>, <http://geofieldlab.com/>); Organiser of the First IAG GeoNor / GeoNorth Planning and Strategy Meeting (Splinter Meeting) during the EGU Annual General Assembly on 5 May 2020 (in Vienna, Austria) and of the First IAG GeoNor / IAG GeoNorth joint scientific Workshop, 1-2 October 2020 (in Trondheim, Norway) (find further details under: <http://www.geomorph.org/national-scientific-members/>, <http://geofieldlab.com/>); Organiser of DYNAFLUX / DYNACOLD Workshops in Trondheim (in 2004 and in 2008), Copenhagen (three Workshops in 2005, one in 2013, two in 2014, one in 2015), Gothenburg (in 2007), Oslo (in 2010 (IPY) and in 2012), Vienna (in 2011, 2012, 2013, 2016 and 2017, EGU); Invited Guide at the IGC Excursion UNESCO FJORDS (in August 2008)

- Member of the *EGU Geomorphology Programme Committee* (2010-2011 and 2011-2012)
- Subgroup Chair *Spatial Variability* within the IPA Working Group on Periglacial Landforms, Processes and Climate (2003-2008)
- Member of the Scientific Committee for the *9th IAG International Conference on Geomorphology, November 6-11, 2017, New Delhi, India*
- Member of the Scientific Committee for the *IAG Regional Conference on Geomorphology, 26-28 October 2020, Mashhad, Iran*
- Member of the Scientific Committee for the *10th IAG International Conference on Geomorphology, 6-10 September 2021, Coimbra, Portugal*

Current active Memberships:

- European Geophysical Union (EGU)
- American Geophysical Union (AGU)
- International Association of Hydrological Sciences (IAHS)
- British Society for Geomorphology (BSG)
- International Water Association (IWA)
- Japanese Geomorphological Union (JGU)
- Mountain Research Initiative (MRI)
- PAGES Network
- Deutscher Arbeitskreis für Geomorphologie (DAK Geomorphologie)
- Arbeitskreis Permafrost
- Verband der Geographen an Deutschen Hochschulen (VGdH)

- DAAD Alumni and DAAD Freundeskreis
- NTNU Alumni
- Geological Society of Norway (NGF)
- Geographical Society of Norway (NGS)
- Swedish Society for Anthropology and Geography (SSAG)
- Geoscience Society of Iceland
- Selbu Næringsforum (2019)
- Næringsforeningen i Trondheimsregionen (NIT) (2020 -)

Selected peer-reviewed publications

Beylich, A.A. (2003): Present morphoclimates and morphodynamics in Latnjavagge, the northern Swedish Lapland and Austdalur, east Iceland. *Jökull*, **52**: 33-54.

Beylich, A.A. (2005): Intensity and spatio-temporal variability of chemical denudation in an arctic-oceanic periglacial drainage basin in northernmost Swedish Lapland. *Nordic Hydrology*, **36** (1): 21-36.

Beylich, A.A. (Ed.) (2006): SEDIFLUX - Sedimentary Source-to-Sink-Fluxes in Cold Environments - SEDIFLUX. *Geomorphology*, **80** (1-2): 146pp.

Beylich, A.A. (2008): Mass transfers, sediment budget and relief development in the Latnjavagge catchment, Arctic-oceanic Swedish Lapland. *Zeitschrift für Geomorphologie N.F.*, **52** (1): 149-197.

Beylich, A.A. (2008): Sediment fluxes and sediment budget in Latnjavagge and the potential of applying unified methods for integrating investigations on sediment fluxes and budgets in cold environment catchments. *Geological Survey of Norway Special Publication*, **11**: 111-130.

Beylich, A.A. (Ed.) (2008): Sediment Budgets in Cold Environments. *Norsk Geografisk Tidsskrift - Norwegian Journal of Geography, Special Issue* **62**(2).

Beylich, A.A. (2009): Chemical and mechanical fluvial denudation in cold environments – Comparison of denudation rates from three catchments in sub-Arctic Eastern Iceland, sub-Arctic Finnish Lapland and Arctic Swedish Lapland. *Jökull* **59**: 19-32.

Beylich, A.A. (2011): Sediment flux source-to-sink. In: Singh, V.P., Singh, P. & U.K. Haritashya (Eds.), *Encyclopedia of Snow, Ice and Glaciers*. Springer, 1003-1005.

Beylich, A.A. (2010): The global SEDIBUD (Sediment Budgets in Cold Environments) Programme: Coordinated studies of sedimentary fluxes and budgets in changing cold climate environments. *The Open Geology Journal*. **2010**, **4**: 59-61.

Beylich, A.A. (2011): Mass transfers and sedimentary budgets in geomorphologic drainage basin studies. In: *Advanced Topics in Mass Transfer*, Chapter 18, 399-422. *INTECH Book Publication*.

Beylich, A.A. (2011): Mass transfers, sediment budgets and relief development in cold environments: Results of long-term geomorphologic drainage basin studies in Iceland, Swedish Lapland and Finnish Lapland. *Zeitschrift für Geomorphologie N.F.*, **55**, **2**: 145-174.

Beylich, A.A. (2012): Major controls of mass transfers and relief development in four cold-climate catchment systems in Eastern Iceland, Swedish Lapland and Finnish Lapland (Synthesis Paper). *NGF Abstracts and Proceedings of the Geological Society of Norway*, **1**: 87-123.

Beylich, A.A. (2013): Coordinated and integrated geomorphologic analysis of mass transfers in cold climate environments – The SEDIBUD (Sediment Budgets in Cold Environments) Programme. In: *Mass Transfer – Advances in sustainable energy and environment oriented modelling*, Chapter 19, 499-511. *INTECH Book Publication*.

Beylich, A.A. (2016): Introduction to the theme. In: Beylich, A.A., Dixon, J.C. & Z. Zwolinski (Eds.), *Source-to-Sink Fluxes in Undisturbed Cold Environments*. Cambridge University Press, Cambridge, pp. 3-4.

Beylich, A.A. (2016): The I.A.G. / A.I.G. SEDIBUD (Sediment Budgets in Cold Environments) Program. In: Beylich, A.A., Dixon, J.C. & Z. Zwolinski (Eds.), *Source-to-Sink Fluxes in Undisturbed Cold Environments*. Cambridge University Press, Cambridge, pp. 5-10.

Beylich, A.A. (2016): Controls and variability of solute and sedimentary fluxes in Alpine / Mountain Environments. In: Beylich, A.A., Dixon, J.C. & Z. Zwolinski (Eds.), *Source-to-Sink Fluxes in Undisturbed Cold Environments*. Cambridge University Press, Cambridge, pp. 378-381.

Beylich, A.A. (2016): Environmental drivers, spatial variability and rates of chemical and mechanical fluvial denudation in selected glacierized and non-glacierized cold climate catchment geosystems: From coordinated field data generation to integration and modelling. In: Beylich, A.A., Dixon, J.C. & Z. Zwolinski (Eds.), *Source-to-Sink Fluxes in Undisturbed Cold Environments*. Cambridge University Press, Cambridge, pp. 385-397.

Beylich, A.A. (Ed.) (in press): *Landscapes and landforms of Norway*. Springer.

Beylich, A.A. (in press): Geomorphological landscapes, earth surface processes and landforms in Norway. In: Beylich, A.A. (Ed.), *Landscapes and landforms of Norway*. Springer.

Beylich, A.A. & A. Baltakova (Eds.) (2018): Controls and implications of source-to-sink environmental fluxes in selected cold climate environments. *Geografiska Annaler*, **100A** (2).

Beylich, A.A. & F. Brardinoni (Eds.) (2013): Sediment sources, source-to-sink fluxes and sedimentary budgets. *Geomorphology*, **188**.

Beylich, A.A. & A. Decaulne (Eds.) (2014): Sedimentary fluxes and budgets in different climatic environments. *Geografiska Annaler*, **96A** (4).

Beylich, A.A., Decaulne, A., Dixon, J.C., Lamoureux, S.F., Orwin, J.F., Otto, J.-Ch., Overeem, I., Sæmundsson, Th., Warburton, J. & Z. Zwolinski (2012): The global I.A.G./A.I.G. Sediment Budgets in Cold Environments (SEDIBUD) Programme: Coordinated efforts to quantify sedimentary fluxes and budgets in changing cold environments. *Zeitschrift für Geomorphologie N.F.* **56**, *Supplementary Issue1*: 3-8.

Beylich, A.A., Decaulne, A. & S.F. Lamoureux (Eds.) (2012): Sedimentary fluxes and budgets in natural and anthropogenically modified landscapes – Effects of climate change and land-use change on geomorphic processes. *Geomorphology*, **167-168**.

Beylich, A.A., Decaulne, A. & S.F. Lamoureux (2012): Sedimentary fluxes and budgets in natural and anthropogenically modified landscapes – Effects of climate change and land-use change on geomorphic processes. Editorial. *Geomorphology*, **167-168**: 1.

Beylich, A.A., Dixon, J.C. & Z. Zwolinski (Eds.) (2016): *Source-to-Sink Fluxes in Undisturbed Cold Environments*. Cambridge University Press, Cambridge. 408 pp.

Beylich, A.A., Dixon, J.C. & Z. Zwolinski (2016): Summary of key findings from Arctic, Antarctic and Mountain Environments. In: Beylich, A.A., Dixon, J.C. & Z. Zwolinski (Eds.), *Source-to-Sink Fluxes in Undisturbed Cold Environments*. Cambridge University Press, Cambridge, pp. 398-399.

Beylich, A.A., Etienne, S., Etzelmüller, B., Gordeev, V.V., Käyhkö, J., Rachold, V., Russell, A.J., Schmidt, K.-H., Sæmundsson, Þ., Tweed, F.S. & J. Warburton (2006): The European science Foundation (ESF) Network SEDIFLUX – An introduction and overview. In: Beylich, A.A. (Ed.): *Sedimentary Source-to-Sink-Fluxes in Cold Environments - SEDIFLUX*. *Geomorphology* **80** (1-2): 3-7.

Beylich, A.A., Etienne, S., Etzelmüller, B., Gordeev, V.V., Käyhkö, J., Rachold, V., Russell, A.J., Schmidt, K.-H., Sæmundsson, Þ., Tweed, F.S. & J. Warburton (2005): Sedimentary Source-to-Sink-Fluxes in Cold Environments – Information on the European Science Foundation (ESF) Network SEDIFLUX. *Zeitschrift für Geomorphologie N.F., Suppl.-Vol.* **138**: 229-234.

Beylich, A.A., Gärtner-Roer, I., Decaulne, A. & D. Morche (Eds.) (2014): Sediment Flux and Sediment Budget Studies in Cold Environments: New Approaches and Techniques. *Geomorphology*, **218**.

Beylich, A. A. & D. Gintz (2004): Effects of high-magnitude/low-frequency fluvial events generated by intense snowmelt or heavy rainfall in arctic periglacial environments in northern Swedish Lapland and northern Siberia. *Geografiska Annaler*, **86 A** (1): 11-29.

Beylich, A.A., Gustavsson, M. & E. Kolstrup (2007): Experimental weathering of selected non-calcareous rock types under wet/moist conditions. *Zeitschrift für Geomorphologie N.F.*, **51**(1): 1-26.

Beylich, A.A. & C. Kneisel (2009): Sediment budget and relief development in Hrafnadalur, sub-Arctic oceanic eastern Iceland. *Arctic, Antarctic and Alpine Research*, **41**(1): 3-17.

Beylich, A.A., Kolstrup, E., Linde, N., Pedersen, L.B., Thyrsted, T., Gintz, D. & L. Dynesius (2003): Assessment of chemical denudation rates using hydrological measurements, water chemistry analysis and electromagnetic geophysical data. *Permafrost and Periglacial Processes* **14**: 387-397.

Beylich, A.A., Kolstrup, E., Thyrsted, T. & D. Gintz (2004): Water chemistry and its diversity in relation to local factors in the Latnjavagge drainage basin, arctic-oceanic Swedish Lapland. *Geomorphology*, **58**: 125-143.

Beylich, A. A., Kolstrup, E., Thyrsted, T., Linde, N., Pedersen, L. B. & L. Dynesius (2004): Chemical denudation in arctic-alpine Latnjavagge (Swedish Lapland) in relation to regolith as assessed by radio magnetotelluric-geophysical profiles. *Geomorphology*, **57**: 303-319.

Beylich, A.A. & S.F. Lamoureux (Eds.) (2010): Sedimentary Fluxes and Budgets in Changing Cold Environments: Quantitative Analysis and Scaling Issues. *Geografiska Annaler, Special Issue* **92 A** (2).

Beylich, A.A., Lamoureux, S.F. & A. Decaulne (2008): SEDIBUD – Sediment budgets in cold environments: Introduction. *Zeitschrift für Geomorphologie N.F.*, **52** (1): 1-2.

Beylich, A.A., Lamoureux, S.F. & A. Decaulne (2008): The global I.A.G./A.I.G. SEDIBUD (Sediment Budgets in Cold Environments) programme: Introduction and overview. *Norsk Geografisk Tidsskrift-Norwegian Journal of Geography*, **62(2)**: 50-51.

Beylich, A.A., Lamoureux, S.F. & A. Decaulne (Eds) (2008): Third I.A.G. / A.I.G. SEDIBUD Workshop, Boulder, U.S.A.: Sediment Fluxes and Sediment Budgets in Changing High-Latitude and High-Altitude Cold Environments. *NGU Report*, **2008.058**. 41pp.

Beylich, A.A. Lamoureux, S.F. & A. Decaulne (2011): Developing frameworks for studies on sedimentary fluxes and budgets in changing cold environments. *Quaestiones Geographicae*, **30(1)**: 5-18.

Beylich, A.A., Lamoureux, S.F. & A. Decaulne (Eds.) (2009): Source-to-sink-fluxes and sediment budgets in changing high-latitude and high-altitude cold environments – SEDIBUD. *Arctic, Antarctic and Alpine Research, Special Issue*, **41(1)**.

Beylich, A.A., Lamoureux, S.F. & A. Decaulne (2012): The SEDIBUD (Sediment Budgets in Cold Environments) Programme: Ongoing activities and selected key tasks for the coming years. *Geomorphology*. **167-168**: 2-3.

Beylich, A.A., Lamoureux, S.F., Decaulne, A., Dixon, J.C., Orwin, J.F., Otto, J.-Ch., Overeem, I., Sæmundsson, Th., Warburton, J. & Z. Zwolinski (2010): Sedimentary fluxes and budgets in changing cold environments: The global I.A.G./A.I.G. Sediment Budgets in Cold Environments (SEDIBUD) Programme. *Geografiska Annaler*, **92 A (2)**: 151-153.

Beylich, A.A. & K. Laute (2012): Spatial variations of surface water chemistry and chemical denudation in the Erdalen drainage basin, Nordfjord, western Norway. *Geomorphology*, **167-168**: 77-90.

Beylich, A.A. & K. Laute (2012): Seasonal and annual variations of surface water chemistry, solute fluxes and chemical denudation in a steep and glacier-fed mountain catchment in western Norway (Erdalen, Nordfjord). *Catena*, **96**: 12-27.

Beylich, A.A. & K. Laute (2014): Combining impact sensor field and laboratory flume measurements with other techniques for studying fluvial bedload transport in steep mountain streams. *Geomorphology*, **218**: 72-87.

Beylich, A.A. & K. Laute (2015): Sediment sources, spatiotemporal variability and rates of fluvial bedload transport in glacier-connected steep mountain valleys in western Norway (Erdalen and Bødalen drainage basins). *Geomorphology*, **228C**: 552-567.

Beylich, A.A. & K. Laute (2016): Chemical denudation in partly glacierized mountain catchments in the fjord landscape of western Norway: Contemporary rates, environmental controls and possible effects of climate change. In: Beylich, A.A., Dixon, J.C. & Z. Zwolinski (Eds.), *Source-to-Sink Fluxes in Undisturbed Cold Environments*. Cambridge University Press, Cambridge, pp. 275-292.

Beylich, A.A. & K. Laute (2018): Morphoclimatic controls of contemporary chemical and mechanical denudation in a boreal-oceanic drainage basin system in central Norway (Homla drainage basin, Trøndelag). *Geografiska Annaler*, **100A** (2): 116-139. <https://doi.org/10.1080/04353676.2017.1407219>

Beylich, A.A. & K. Laute (2018): Environmental drivers and trends of postglacial relief development in selected mountain regions in Iceland, Sweden and Norway. *Studia Geomorphologica Carpatho-Balcanica*, **LI/LII**, 2017/2018: 7-23.

Beylich, A.A. & K. Laute (in press): Fluvial processes and contemporary fluvial denudation in different mountain landscapes in western and central Norway. In: Beylich, A.A. (Ed.), *Landscapes and landforms of Norway*. Springer.

Beylich, A.A., Laute, K., Liermann, S., Hansen, L., Burki, V., Vatne, G., Fredin, O., Gintz, D. & I. Berthling (2009): Subrecent sediment dynamics and sediment budget of the braided sandur system at Sandane, Erdalen (Nordfjord, western Norway). *Norsk Geografisk Tidsskrift – Norwegian Journal of Geography, Special Issue*, **63(2)**: 123-131.

Beylich, A.A., Laute, K. & J.E.A. Storms (2017): Contemporary suspended sediment dynamics within two partly glacierized mountain drainage basins in western Norway (Erdalen and Bødalen, inner Nordfjord). *Geomorphology*, **287**: 126-143.

Beylich, A.A., Liermann, S. & K. Laute (2010): Fluvial transport during thermally and pluvially induced peak runoff events in a glacier-fed mountain catchment in western Norway. *Geografiska Annaler*, **92 A (2)**: 237-246.

Beylich, A.A., Lindblad, K. & U. Molau (2005): Direct human impacts on mechanical denudation in an arctic-oceanic periglacial environment in northern Swedish Lapland (Abisko mountain area). *Zeitschrift für Geomorphologie N.F., Suppl.-Vol.* **138**: 81-100.

Beylich, A.A., Molau, U., Luthbom, K. & D. Gintz (2005): Rates of chemical and mechanical fluvial denudation in an arctic-oceanic periglacial environment, Latnjavagge drainage basin, northernmost Swedish Lapland. *Arctic, Antarctic, and Alpine Research* **37** (1): 75-87.

Beylich, A.A. & O.T. Pop (Eds.) (2019): Drivers of denudation rates, source-to-sink fluxes, and sedimentary budgets. *Geomorphology, Special Issue*.

Beylich, A.A. & O.T. Pop (2019): Editorial. Special Issue “Drivers of denudation rates, source-to-sink fluxes, and sedimentary budgets”. *Geomorphology*, **334**: 58-59.

Beylich, A.A. & O. Sandberg (2005): Geomorphic effects of the extreme rainfall event of July 20th-21st, 2004 in the Latnjavagge catchment, northernmost Swedish Lapland. *Geografiska Annaler*, **87 A** (3): 409-419.

Beylich, A.A., Sandberg, O., Molau, U. & S. Wache (2006): Intensity and spatio-temporal variability of fluvial sediment transfers in an arctic-oceanic periglacial environment in northernmost Swedish Lapland. *Geomorphology*, **80** (1-2): 114-130.

Beylich, A.A. & K.-H. Schmidt (Eds.) (2008): Sedimentary source-to-sink-fluxes and sediment budgets in changing cold environments. *Zeitschrift für Geomorphologie N.F.*, **52** (1).

Beylich, A.A., Schmidt, K.-H., Neuvonen, S., Forbrich, I. & A. Schildt (2006): Solute fluxes in the Kidisjoki catchment, subarctic Finnish Lapland. *Géomorphologie: relief, processus, environment* no. **3**: 205-212.

Beylich, A.A. & O.M. Sæther (Eds.) (2009): Environmental Fluxes in Polar Regions under Changing Climate. *Norwegian Journal of Geography-Norsk Geografisk Tidsskrift, Special Issue*, **63(2)**.

Beylich, A.A. & J. Warburton (Eds.) (2007): Analysis of Source-to-Sink-Fluxes and Sediment Budgets in Changing High-Latitude and High-Altitude Cold Environments: SEDIFLUX Manual. First Edition. *NGU Report* **2007.053**.

Beylich, A.A. & Z. Zwolinski (Eds.) (2012): Hydrogeomorphological processes in catchment geoecosystems. *Zeitschrift für Geomorphologie N.F.*, **56**, *Supplementary Issue 1* .

Burki, V., Hansen, L., Fredin, O., Andersen, T.A., Beylich, A.A., Jaboyedoff, M., Larsen, E. & J.-F. Tønnesen (2009): Little Ice Age advance and retreat sediment budgets for an outlet glacier in western Norway. *Boreas*, 10.1111/j.1502-3885.2009.00133.x.ISSN 0300-9483

Decaulne, A., Eggertsson, Ó., Laute, K. & A.A. Beylich (2013): Dendrogeomorphologic approach for snow-avalanche activity reconstruction in a maritime cold environment (upper Erdalen, Norway). *Zeitschrift für Geomorphologie N.F.*, **57**, *Supplementary Issue 2*: 55-68.

Decaulne, A., Eggertsson, O., Laute, K. & A.A. Beylich (2014): A 100-year extreme snow-avalanche record based on tree-ring research in upper Bødalen, inner Nordfjord, western Norway. *Geomorphology*, **218**: 3-15.

Decaulne, A., Rachlewicz, G., Lamoureux, S.F. & A.A. Beylich (Eds.) (2013): Sediment budgets in cold environments. Sedimentary fluxes dynamics in the changing mountain and polar environment: Monitoring, record & consequences. *Zeitschrift für Geomorphologie N.F.*, **57**, *Supplementary Issue 2*.

Hansen, L., Beylich, A.A., Burki, V., Eilertsen, R., Fredin, O., Larsen, E., Lyså, A., Nesje, A., Stalsberg, K. & J. F. Tønnesen (2009): Stratigraphic architecture and infill history of a deglaciated bedrock valley based on georadar, seismic profiling and drilling. *Sedimentology*, **56**: 1751-1773.

Hilger, L. & A.A. Beylich (2019): Sediment budgets in high-mountain areas: Review and challenges. In: Heckmann, T. & D. Morche (Eds.), *Geomorphology of proglacial systems – Landform and sediment dynamics in recently deglaciated alpine landscapes*. Springer, pp. 251-269.

Kerguilec, R., Sellier, D. & A.A. Beylich (2015): An example of a periglacial recovery: The slope of Sletthøi (Dovrefjell, central Norway). *Zeitschrift für Geomorphologie N.F.*, **59**(2): 173-196.

Ketzler, G., Römer, W. & A.A. Beylich (in press): The climate of Norway. In: Beylich, A.A. (Ed.), *Landscapes and landforms of Norway*. Springer.

Kneisel, Ch., Sæmundsson, Þ. & A.A. Beylich (2007): Reconnaissance surveys of contemporary permafrost environments in central Iceland using geoelectric methods: implications for permafrost degradation and sediment fluxes. *Geografiska Annaler*, **89 A** (1): 41-50.

Lamoureux, S.F., Decaulne, A. & A.A. Beylich (Eds.) (2008): SEDIBUD Test Sites: Fact Sheets. 1st Edition, June 2008. *ID 3111308, www.lulu.com*.

Laute, K. & A.A. Beylich (2010): Characteristics of floodplain deposits within a braided sandur system in upper Erdalen (Nordfjord, western Norway). *Geografiska Annaler*, **92 A** (2): 211-223.

Laute, K. & A.A. Beylich (2012): Influences of the Little Ice Age glacier advance on hillslope morphometry and development in paraglacial valley systems around the Jostedalbreen ice cap in Western Norway. *Geomorphology*, **167-168**: 51-69.

Laute, K. & A.A. Beylich (2013): Holocene hillslope development in glacially formed valley systems in Nordfjord, western Norway. *Geomorphology*, **188**: 12-30.

Laute, K. & A.A. Beylich (2014): Morphometric and meteorological controls on recent snow avalanche distribution and activity at hillslopes in steep mountain valleys in western Norway. *Geomorphology*, **218**: 16-34.

Laute, K. & A.A. Beylich (2014): Environmental controls, rates and mass transfers of contemporary hillslope processes in the headwaters of two glacier-connected drainage basins in western Norway. *Geomorphology*, **216**: 93-113.

Laute, K. & A.A. Beylich (2014): Environmental controls and geomorphic importance of a high-magnitude / low-frequency snow avalanche event in Bødalén, Nordfjord, western Norway. *Geografiska Annaler*, **96A** (4): 465-484.

Laute, K. & A.A. Beylich (2016): Sediment delivery from headwater slope systems and relief development in steep mountain valleys in western Norway. In: Beylich, A.A., Dixon, J.C. & Z. Zwolinski (Eds.), *Source-to-Sink Fluxes in Undisturbed Cold Environments*. Cambridge University Press, Cambridge, pp. 293-312.

Laute, K. & A.A. Beylich (2018): Potential effects of climate change on future snow-avalanche activity in western Norway deduced from meteorological data. *Geografiska Annaler*, **100A** (2): 163-184. <http://dx.doi.org/10.1080/04353676.2018.1425622>.

Laute, K. & A.A. Beylich (in press): Recent glacier changes and formation of new proglacial lakes at the Jostedalbreen ice cap in southwest Norway. In: Beylich, A.A. (Ed.), *Landscapes and landforms of Norway*. Springer.

Laute, K., Navas, A. & A.A. Beylich (Eds.) (in preparation): Denudational processes and landscape responses to global environmental changes. *Geomorphology, Special Issue*.

Liermann, S., Beylich, A.A. & A. van Welden (2012): Contemporary suspended sediment transfer and accumulation processes in the small proglacial Sætrevatnet sub-catchment, Bødalén, western Norway. *Geomorphology*, **167-168**: 91-101.

Morche, D., Beylich, A.A. & M. Krautblatter (Eds.) (2017): Sediment cascades in cold climate geosystems. *Geomorphology*, **287**.

Navas, A., Laute, K., Beylich, A.A. & L. Gaspar (2014): Variations of soil profile characteristics due to varying time spans since ice retreat in the inner Nordfjord, western Norway. *Solid Earth*, **5**: 485-498.

Orwin, J. F., Lamoureux, S.F., Warburton, J. & A.A. Beylich (2010): A framework for characterizing fluvial sediment fluxes from source to sink in cold environments. *Geografiska Annaler*, **92 A** (2): 155-176.

Ridefelt, H., Åkerman, J., Beylich, A.A., Boelhouwers, J., Kolstrup, E. & R. Nyberg (2009): 56 years of solifluction measurements in the Abisko Mountains, northern Sweden – analysis of temporal and spatial variations of slow soil surface movement. *Geografiska Annaler* **A91**(3): 215-232.

Storms, J.E.A., Beylich, A.A., Hansen, L. & N. Waldmann (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*, 2020;00:1-15. <https://doi.org/10.1002/dep2.101>

Sæmundsson, Th., Petursson, H.G., Kneisel, Ch. & A.A. Beylich (2007): Monitoring of the Tjarnardalir landslide, in central North Iceland. *First North America Landslide Conference. Vail, Colorado, USA, June 3-9 2007. Conference Proceedings*: 1029-1040.

Vatne, G., Naas, Ø.T., Skarholen, T., Beylich, A.A. & I. Berthling (2008): Bed load transport in a steep snowmelt-dominated mountain stream as inferred from impact sensors. *Norwegian Journal of Geography-Norsk Geografisk Tidsskrift*, **62**(2): 66-74.

Complete list of publications, including (i) peer-reviewed scientific papers and book chapters, (ii) relevant other publications and reports, and (iii) relevant scientific abstracts (listed are publications since 1999)

Baltakova, A. & A.A. Beylich (2016): Report of the 10th SEDIBUD workshop "Monitoring of the geomorphological processes in cold environments under climate change", Bansko, Bulgaria, 7-10 September 2016. *I.A.G./A.I.G. Newsletter No. 32 (2/2016)*.

Berthling, I., Beylich, A.A. & G. Vatne (2006): Coupling of slope and fluvial sediment transport systems in Vinstradalen, Oppdal. 1st TOPONORGE WORKSHOP, Geological Survey of Norway (NGU), Trondheim, 6.-7. March 2006. *NGF Abstracts and Proceedings of the Geological Society of Norway*, 1: 6-7.

Berthling, I., Fadnes, E., Onsøien, R., Beylich, A.A. & G. Vatne (2006): Sediment fluxes from debris flows, Vinstradalen, Oppdal, Norway. *NGF Abstracts and Proceedings of the Geological Society of Norway*, 4: 21.

Berthling, I., Fadnes, E., Onsøien, R., Beylich, A.A. & G. Vatne (2006): Sediment fluxes from debris flows, Vinstradalen, Oppdal, Norway. *NGU Report 2006.069*: 21.

Beylich, A. A. (1999a): Hangdenudation und fluviale Prozesse in einem subarktisch-ozeanisch geprägten, permafrostfreien Periglazialgebiet mit pleistozäner Vergletscherung – Prozessgeomorphologische Untersuchungen im Bergland der Austfirdir (Austdalur, Ost-Island). *Berichte aus der Geowissenschaft*. Aachen. 130 pp.

Beylich, A. A. (1999b): Untersuchungen über das Morphoklima in einem subarktisch-ozeanisch geprägten Periglazialgebiet in Ost-Island (Austfirdir, Austdalur). *Hallesches Jahrb. für Geowissenschaften*, A, 21: 51 - 66.

Beylich, A. A. (1999c): Intensität und raumzeitliche Variabilität gravitativer und fluvialer Prozesse im periglazialen Bergland der Austfirdir (Ost-Island). *Norden*, 13: 163 - 180.

Beylich, A. A. (2000a): Untersuchungen zum gravitativen und fluvialen Stofftransfer in einem subarktisch-ozeanisch geprägten, permafrostfreien Periglazialgebiet mit pleistozäner Vergletscherung (Austdalur, Ost-Island). *Zeitschr. Geomorph. N.F., Suppl.-Bd.*, 121: 1 – 22.

Beylich, A. A. (2000b): Hangdenudation und fluviale Prozesse in einem subarktisch-ozeanisch geprägten, permafrostfreien Periglazialgebiet mit pleistozäner Vergletscherung – Prozessgeomorphologische Untersuchungen im Bergland der

Austfirdir (Austdalur, Ost-Island). *Hallesches Jahrb. für Geowissenschaften, A*, **22**: 131 - 132 (short communication).

Beylich, A. A. (2000c): Geomorphology, sediment budget, and relief development in Austdalur, Austfirdir, East Iceland. *Arctic, Antarctic, and Alpine Research*, **32**, 4: 466 - 477.

Beylich, A. A. (2000d): Slope denudation and streamwork in the periglacial Austfirdir Mountains – Process geomorphological investigations in a drainage basin in East Iceland. *Iceland 2000: Modern processes and past environments*, Keele University: 13 – 14.

Beylich, A. A. (2000e): Morphoklima und rezente Morphodynamik im periglazialen Bergland der Austfirdir (Austdalur, Ost-Island). *Zeitschr. Geomorph. N.F., Suppl.-Bd.*, **123**: 57 - 78.

Beylich, A. A. (2001a): Slope denudation, streamwork, and relief development in two periglacial environments in East Iceland and Swedish Lapland. *Transactions, Japanese Geomorphological Union*, **22** (4), C-23.

Beylich, A. A. (2001b): Recent morphoclimates and recent geomorphodynamics in periglacial environments in East Iceland, Swedish Lapland, and Finnish Lapland. *Transactions, Japanese Geomorphological Union*, **22** (4), C-24.

Beylich, A. A. (2002): Sediment budgets and relief development in present periglacial environments – a morphosystem analytical approach. *Hallesches Jahrbuch für Geowiss, A*, **24**: 111-126.

Beylich, A.A. (2003): Present morphoclimates and morphodynamics in Latnjavagge, the northern Swedish Lapland and Austdalur, east Iceland. *Jökull*, **52**: 33-54.

Beylich, A.A. (2005): Intensity and spatio-temporal variability of chemical denudation in an arctic-oceanic periglacial drainage basin in northernmost Swedish Lapland. *Nordic Hydrology*, **36** (1): 21-36.

Beylich, A.A. (2005): Sedimentary Source-to-Sink-Fluxes in arctic-oceanic Swedish Lapland – Results from process geomorphological investigations at the landscape level. *European Science Foundation (ESF) Network SEDIFLUX – Sedimentary Source-to-Sink-Fluxes in Cold Environments. Second Workshop, Clermont-Ferrand, France 20 – 22 January, 2005*. Seteun, Clermont-Ferrand: 36-37.

Beylich, A.A. (Ed.) (2006): SEDIFLUX - Sedimentary Source-to-Sink-Fluxes in Cold Environments. First ESF SEDIFLUX Science Meeting, Saudarkrokur, Iceland. *Geomorphology* **80** (1-2). 146 pp.

Beylich, A.A. (2005): Fluvial sediment budgets in four small catchments in Iceland, Swedish Lapland and Finnish Lapland. *Sixth International Conference on Geomorphology. September 7-11, 2005, Zaragoza (Spain). Abstracts Volume: 19.*

Beylich, A.A. (2006): The first science meeting of the European Science Foundation (ESF) network SEDIFLUX – sedimentary source-to-sink fluxes in cold environments. In: Beylich, A.A. (Ed.), *SEDIFLUX - Sedimentary Source-to-sink Fluxes in Cold Environments. First ESF SEDIFLUX Science Meeting. Saudarkrokur, Iceland. Geomorphology 80 (1-2): 1-2.*

Beylich, A.A. (Ed.) (2006): Fourth ESF SEDIFLUX Science Meeting & First Workshop of I.A.G. / A.I.G. SEDIBUD: Source-to-Sink-Fluxes and Sediment Budgets in Cold Environments. October 29 – November 2, 2006. Trondheim, Norway. *NGF Abstracts and Proceedings of the Geological Society of Norway, 4, 2006. 85pp.*

Beylich, A.A. (Ed.) (2006): Fourth ESF SEDIFLUX Science Meeting & First Workshop of I.A.G. / A.I.G. SEDIBUD. *NGU Report 2006.069. 85pp.*

Beylich, A.A. (2006): Sediment transfers and sediment budgets in five small catchments situated in different cold environments in Iceland, Swedish Lapland, Finnish Lapland and Norway. *NGF Abstracts and Proceedings of the Geological Society of Norway, 4: 22-23.*

Beylich, A.A. (2006): Sediment transfers and sediment budgets in five small catchments situated in different cold environments in Iceland, Swedish Lapland, Finnish Lapland and Norway. *NGU Report 2006.069: 22-23*

Beylich, A.A. (2007): Sediment transfers, sediment budgets and relief development in three catchments in different cold environments in sub-Arctic East Iceland and Arctic Swedish Lapland. *Geophysical Research Abstracts, Vol. 9, 02784, 2007.*

Beylich, A.A. (2007): The quantitative importance of seasonal snowmelt and rainfall generated peak runoff for annual fluvial sediment budgets in four catchments in Swedish Lapland, Finnish Lapland and Iceland. *Geophysical Research Abstracts, Vol. 9, 02728, 2007.*

Beylich, A.A. (2007): The quantitative role of chemical weathering, solute fluxes and chemical denudation in four different catchments in Iceland, Swedish Lapland and Finnish Lapland. *Geophysical Research Abstracts, Vol. 9, 02742, 2007.*

Beylich, A.A. (2007): Quantitative studies on sediment fluxes and sediment budgets in changing cold environments – potential and expected benefit of coordinated data exchange and the unification of methods. *Landform Analysis, Vol. 5: 9-10.*

Beylich, A.A. (2007): Quantitative studies on mass transfers, sediment budget and relief development in a catchment in Arctic-oceanic northernmost Swedish Lapland. *NGU Report*, **2007.052**: 23.

Beylich, A.A. (2007): Quantitative studies on sediment fluxes and sediment budgets in changing cold environments and the expected benefit from the unification of methods and measuring techniques. *NGU Report*, **2007.052**: 24-25.

Beylich, A.A. (2008): Sediment fluxes and sediment budget in Latnjavagge and the potential of applying unified methods for integrating investigations on sediment fluxes and budgets in cold environment catchments. *Geological Survey of Norway Special Publication*, **11**: 111-130.

Beylich, A.A. (2008): Mass transfers, sediment budget and relief development in the Latnjavagge catchment, Arctic-oceanic Swedish Lapland. *Zeitschrift für Geomorphologie N.F.*, **52** (1): 149-197.

Beylich, A.A. (2008): Sediment Budgets in Cold Environments. Editorial. *Norsk Geografisk Tidsskrift-Norwegian Journal of Geography, special issue* **62**(2): 49.

Beylich, A.A. (Ed.) (2008): Sediment Budgets in Cold Environments. *Norsk Geografisk Tidsskrift-Norwegian Journal of Geography, special issue* **62**(2).

Beylich, A.A. (2008): Sediment budgets in cold environments: The global SEDIBUD programme. *33rd International Geological Conference 2008, Oslo, Norway*. Abstracts.

Beylich A.A. (2008): Day 6: Tuesday August 19th Stryn – Erdalen – Stryn: Introduction, Stop 1: Lower Erdalen valley, Stop 2: Upper Erdalen valley. *33rd IGC excursion No 31, August 14-20, 2008: UNESCO FJORDS – From Nærøyfjord to Geirangerfjord*: 61-62.

Beylich, A.A. (2009): Chemical and mechanical fluvial denudation in cold environments – Comparison of denudation rates from three catchments in sub-Arctic Easter Iceland, sub-Arctic Finnish Lapland and Arctic Swedish Lapland. *Jökull* **59**: 19-32.

Beylich, A.A. (2009): Timescales of sediment dynamics, climate and topographic change in mountain landscapes (SedyMONT) – Erdalen and Bødalen site project. *NGF Abstracts and Proceedings, no. 1, 2009*: 8.

Beylich, A.A. (2009): Sediment Budgets in Cold Environments – the SEDIBUD programme. *NGF Abstracts and Proceedings, no. 1*: 8-9..

Beylich, A.A. (2009): Fluvial transport and denudation rates in three small catchments in Eastern Iceland, Finnish Lapland and Swedish Lapland. *Geophysical Research Abstracts*, Vol. **11**, EGU2009-1415, 2009.

Beylich, A.A. (2009): Timescales of sediment dynamics, climate and topographic change in mountain landscapes (SedyMONT) – Erdalen and Bødalen site project. *Geophysical Research Abstracts*, Vol. **11**, EGU2009-1337, 2009.

Beylich, A.A. (2009): Sediment sources and fluvial transport during thermally and pluvially generated peak runoff in a glacier-fed mountain catchment in Nordfjord, western Norway. *Geophysical Research Abstracts*, Vol. **11**, EGU2009-1498, 2009.

Beylich, A.A. (2009): Sediment sources and fluvial transport in a glacier-fed mountain catchment in western Norway. *7th International Conference on Geomorphology (ANZIAG). Ancient Landscapes – Modern Perspectives. Conference Abstracts.*

Beylich, A.A. (2009): Timescales of sediment dynamics, climate and topographic change in mountain landscapes (SedyMONT / Norway). *7th International Conference on Geomorphology (ANZIAG). Ancient Landscapes – Modern Perspectives. Conference Abstracts.*

Beylich, A.A. (2009): Timescales of sediment dynamics, climate and topographic change in mountain landscapes (SedyMONT / Norway) – Erdalen and Bødalen site project. *Nordic Geographers Meeting Turku 2009. Turku University Department of Geography Publications B 14: 188.*

Beylich, A.A. (2011): Sediment flux source-to-sink. In: Singh, V.P., Singh, P. & U.K. Haritashya (Eds.), *Encyclopedia of Snow, Ice and Glaciers*. Springer, 1003-1005.

Beylich, A.A. (2010): Holocene, subrecent and contemporary source-to-sink fluxes in a valley-fjord system, Erdalen and Bødalen site project (SedyMONT-Norway). *Geophysical Research Abstracts*, Vol. **12**, EGU2010-1219, 2010.

Beylich, A.A. (2010): The global SEDIBUD (Sediment Budgets in Cold Environments) Programme: Coordinated studies of sedimentary fluxes and budgets in changing cold climate environments. *The Open Geology Journal* **2010**, **4**: 59-61.

Beylich, A.A. (2011): Mass transfers and sedimentary budgets in geomorphologic drainage basin studies. In: *Advanced Topics in Mass Transfer*, Chapter 18, 399-422. *INTECH Book Publication.*

Beylich, A.A. (2011): Mass transfers, sediment budgets and relief development in cold environments: Results of long-term geomorphologic drainage basin studies in Iceland, Swedish Lapland and Finnish Lapland. *Zeitschrift für Geomorphologie N.F.*, **55**, 2: 145-174.

Beylich, A.A. (2011): Mass transfers, sediment budgets and relief development in four drainage basins in Iceland, Swedish Lapland and Finnish Lapland. *Geophysical Research Abstracts* 13, EGU2011-1031, 2011.

Beylich, A.A. (2012): Controls of sediment transfers, sedimentary budgets and relief development in cold environments: Results from four catchment systems in Iceland, Swedish Lapland and Finnish Lapland. *Geophysical Research Abstracts*, Vol. **14**, EGU2012.

Beylich, A.A. (2012): Major controls of mass transfers and relief development in four cold-climate catchment systems in Eastern Iceland, Swedish Lapland and Finnish Lapland (Synthesis Paper). *NGF Abstracts and Proceedings of the Geological Society of Norway*, **1**: 87-123.

Beylich, A.A. (2013): Coordinated and integrated geomorphologic analysis of mass transfers in cold climate environments – The SEDIBUD (Sediment Budgets in Cold Environments) Programme. In: Mass Transfer – Advances in sustainable energy and environment oriented numerical modelling, Chapter 19, 499-511. *INTECH Book Publication*.

Beylich, A.A. (2014): Monitoring of sedimentary fluxes in cold environments: The SEDIBUD (Sediment Budgets in Cold Environments) Programme. *Geophysical Research Abstracts*, Vol. **16**, EGU2014-2769, 2014.

Beylich, A.A. (2015): Controls and variability of solute and sedimentary fluxes in Alpine / Mountain Environments. *Geophysical Research Abstracts*, Vol. **17**, EGU2015-1198, 2015.

Beylich, A.A. (2015): Dynamics, Fluxes, Stability, Succession and Landscape Formation in Cold Environments: The DYNAFLUX / DYNACOLD Network. *Geophysical Research Abstracts*, Vol. **17**, EGU2015-15228, 2015.

Beylich, A.A. (2015): Environmental drivers, spatiotemporal variability and rates of contemporary chemical and mechanical fluvial denudation in selected glacierized and non-glacierized cold climate catchment geosystems: From coordinated field data generation to integration and modelling. *Proceedings of the 9th I.A.G./A.I.G. SEDIBUD (Sediment Budgets in Cold Environments) Workshop "Sediment Dynamics in Cold Climate Environments"*, Kaunertal, Tyrol/ Austria. September 7-10, 2015. pp. 19-20.

Beylich, A.A. (2016): Integrated analysis of environmental drivers, spatiotemporal variability and rates of contemporary chemical and mechanical fluvial denudation in selected glacierized and non-glacierized cold climate catchment systems. *Geophysical Research Abstracts* Vol. **18**, EGU2016-1967, 2016.

Beylich, A.A. (2016): The DYNAFLUX / DYNACOLD Network: Dynamics, Fluxes, Stability, Succession and Landscape Formation in Cold Climate Environments. *Geophysical Research Abstracts* Vol. **18**, EGU2016-2561, 2016.

Beylich, A.A. (2016): Introduction to the theme. In: Beylich, A.A., Dixon, J.C. & Z. Zwolinski (Eds.), *Source-to-Sink Fluxes in Undisturbed Cold Environments*. Cambridge University Press, Cambridge, pp. 3-4.

Beylich, A.A. (2016): The I.A.G. / A.I.G. SEDIBUD (Sediment Budgets in Cold Environments) Program. In: Beylich, A.A., Dixon, J.C. & Z. Zwolinski (Eds.), *Source-to-Sink Fluxes in Undisturbed Cold Environments*. Cambridge University Press, Cambridge, pp. 5-10.

Beylich, A.A. (2016): Controls and variability of solute and sedimentary fluxes in Alpine / Mountain Environments. In: Beylich, A.A., Dixon, J.C. & Z. Zwolinski (Eds.), *Source-to-Sink Fluxes in Cold Environments*. Cambridge University Press, Cambridge, pp. 378-381.

Beylich, A.A. (2016): Environmental drivers, spatial variability and rates of chemical and mechanical fluvial denudation in selected glacierized and non-glacierized cold climate catchment geosystems: From coordinated field data generation to integration and modelling. In: Beylich, A.A., Dixon, J.C. & Z. Zwolinski (Eds.), *Source-to-Sink Fluxes in Undisturbed Cold Environments*. Cambridge University Press, Cambridge, pp. 385-397.

Beylich, A.A. (2016): Integrating comparable field datasets from selected cold-climate catchment geosystems for analyzing environmental controls of contemporary solute and sedimentary fluxes in cold-climate regions. *Proceedings of the 10th I.A.G. / A.I.G. SEDIBUD (Sediment Budgets in Cold Environments) Workshop, 7-10 September 2016: Monitoring of geomorphological processes in cold environments under climate change. Bansko, Bulgaria, 24-25.*

Beylich, A.A. (2017): Present morphoclimate and morphodynamics in the boreal Homla drainage basin system (Trøndelag, middle Norway). *Geophysical Research Abstracts*, Vol. **19**, EGU2017-3575, 2017.

Beylich, A.A. (2017): The I.A.G./A.I.G. SEDIBUD (Sediment Budgets in Cold Environments) Program (2005-2017): Key activities and outcomes. *Geophysical Research Abstracts*, Vol. **19**, EGU2017-2981, 2017.

Beylich, A.A. (2017): The DYNAFLUX / DYNACOLD (Dynamics, Fluxes, Stability, Succession and Landscape Formation in Cold Environments) Network (2004-2017). *Geophysical Research Abstracts*, Vol. **19**, EGU2017-10025, 2017.

Beylich, A.A. (2017): Studies on the morphoclimate and contemporary morphodynamics of the boreal Homla drainage basin system in middle Norway (Trøndelag). *9th International Conference on Geomorphology (ICG 2017)*. New Delhi, India. Abstracts Volume: 380-381.

Beylich, A.A. (2017): Key Activities and Outcomes of the I.A.G./A.I.G. SEDIBUD (Sediment Budgets in Cold Environments) Program (2005 – 2017). *9th International Conference on Geomorphology (ICG 2017)*. New Delhi, India. Abstracts Volume: 381.

Beylich, A.A. (2019): Report on the Second Workshop of the IAG Working Group on Denudation and Environmental Changes in Different Morphoclimatic Zones (DENUCHANGE) held in Calpe (Spain), 12-14 September 2019.

<http://www.geomorph.org/denuchange-working-group/>

Beylich, A.A. (Ed.) (in press): Landscapes and landforms of Norway. Springer.

Beylich, A.A. (in press): Geomorphological landscapes, earth surface processes and landforms in Norway. In: Beylich, A.A. (Ed.), Landscapes and landforms of Norway. Springer.

Beylich, A.A. (2020): Information on a new National Norwegian IAG Geomorphology Group (IAG National Scientific Member GeoNor). *NGF Abstracts and Proceedings of the Geological Society of Norway*, **1**, 2020: 28.

Beylich, A.A. (2020): Information on a new Nordic IAG Network of National Geomorphology Groups from Norway, Sweden, Finland, Denmark and Iceland (IAG GeoNorth). *NGF Abstracts and Proceedings of the Geological Society of Norway*, **1**, 2020: 28-29.

Beylich, A.A. and the DENUCHANGE Team (2018): The new I.A.G./A.I.G. Working Group on Denudation and Environmental Changes in Different Morphoclimatic Zones (DENUCHANGE): Scientific need, key research questions and planned activities. *1st Workshop of the I.A.G./A.I.G. Working Group DENUCHANGE: Denudation and Environmental Changes in Different Morphoclimatic Zones*. Storkowo-Szczecinek, Poland, September 25-27, 2018. Book of Abstracts: 3-5.

Beylich, A.A. and the DENUCHANGE Team (2018): I.A.G./A.I.G. DENUCHANGE Working Group Objective (by 20 November 2018).

<http://www.geomorph.org/denuchange-working-group/>

Beylich, A.A. and the DENUCHANGE Team (2019): The IAG DENUCHANGE (Denudation and Environmental Changes in Different Morphoclimatic Zones) program. *GFL Geomorphological Field Laboratory Publication Series*, Number 1, September 2019: 8-9.

Beylich, A.A. and the DENUCHANGE Team (2019): The IAG Working Group on Denudation and Environmental Changes in Different Morphoclimatic Zones (DENUCHANGE, 2017-2021): Objective, activities and planned outcome. *IAG Regional Conference 2019. Geomorphology of Climatically and Tectonically Sensitive Areas. 19-21 September 2019. Athens, Greece. Abstract book*: 90.

Beylich, A.A. and the SEDIBUD Team (2006): The I.A.G. / A.I.G. Working Group SEDIBUD – Sediment Budgets in Cold Environments: Introduction and Overview. *NGF Abstracts and Proceedings of the Geological Society of Norway*, 4: 26-27.

Beylich, A.A. and the SEDIBUD Team (2006): The I.A.G./A.I.G. Working Group SEDIBUD – Sediment Budgets in Cold Environments: Introduction and Overview. *NGU Report 2006.069*: 26-27.

Beylich, A.A. and the SEDIBUD Team (2008): The global SEDIBUD program: Sediment Budgets in Cold Environments. *Náttúrustofa Norðurlands vestra NNV-2008-002, April 2008*: 79-80.

Beylich, A.A. and the SEDIBUD Team (2008): Sediment Budgets in Cold Environments: The global SEDIBUD programme. 3. *Mitteleuropäische Geomorphologietagung, Salzburg, 23.-28.09.2008*. Abstracts.

Beylich, A.A. and the SEDIBUD Team (2009): Quantitative analysis of sediment budgets in cold environments: The global SEDIBUD programme. *Geophysical Research Abstracts*, Vol. 11, EGU2009-1511, 200.

Beylich, A.A. and the SEDIBUD Team (2009): Sediment budgets in cold environments – The SEDIBUD programme. *Nordic Geographers Meeting, Turku 2009. Department of Geography Publications B 14*: 192.

Beylich, A.A. and the SEDIBUD Team (2010): The global I.A.G. / A.I.G. Sediment Budgets in Cold Environments (SEDIBUD) Programme: Coordinated analysis and quantification of sedimentary fluxes and budgets in changing cold environments. *NNV-2010-007*, September 2010: 18-19.

Beylich, A.A. and the SEDIBUD Team (2012): The SEDIBUD (Sediment Budgets in Cold Environments) Programme: Ongoing activities and relevant tasks for the coming years. *Workshop zur Hydro – Klimatologie von Gebirgsräumen. 1. und 2. März 2012, UFS Schneefernerhaus*. Abstracts.

Beylich, A.A. and the SEDIBUD Team (2016): The I.A.G. / A.I.G. SEDIBUD (Sediment Budgets in Cold Environments) Program (2005 – 2017): Key outcomes, products and current activities. *Proceedings of the 10th I.A.G. / A.I.G. SEDIBUD (Sediment Budgets in Cold Environments) Workshop, 7-10 September 2016: Monitoring of geomorphological processes in cold environments under climate change. Bansko, Bulgaria, 22-23.*

Beylich, A.A. and the SEDIBUD Team (2017): Main outcomes and scientific products of the I.A.G. / A.I.G. SEDIBUD (Sediment Budgets in Cold Environments) program (2005 – 2017). *Proceedings of the 11th Workshop of the IAG/AIG SEDIBUD (Sediment Budgets in Cold Environments) Working Group: Relationships between climate change, vegetation cover and sediment fluxes in high latitude/high altitude cold environments. September 5-8, 2017. Bara, Romania, 10-11.*

Beylich, A.A., Decaulne, A., Dixon, J.C., Lamoureux, S.F., Orwin, J.F., Otto, J.-Ch., Overeem, I., Sæmundsson, Th., Warburton, J. & Z. Zwolinski (2012): The global I.A.G. / A.I.G. Sediment Budgets in Cold Environments (SEDIBUD) Programme: Coordinated efforts to quantify sedimentary fluxes and budgets in changing cold environments. *Zeitschrift für Geomorphologie N.F.*, **56**, *Supplementary Issue 1*: 3-8.

Beylich, A.A. and the SEDIFLUX Team (2005): SEDIFLUX: A European Science Foundation (ESF) Network. *Sixth International Conference on Geomorphology, September 7-11, 2005, Zaragoza (Spain). Abstracts Volume*: 19.

Beylich, A.A. and the SEDIFLUX Team (2005): The European Science Foundation (ESF) Network SEDIFLUX. *ICARP II, Conference Material (CD)*.

Beylich, A.A. and the SEDIFLUX Team (2006): The European Science Foundation (ESF) Network Sedimentary Source-to-Sink Fluxes in Cold Environments (SEDIFLUX). 1st TOPONORGE WORKSHOP, Geological Survey of Norway (NGU), Trondheim, 6.-7. March 2006. *NGF Abstracts and Proceedings of the Geological Society of Norway*, **1**: 8.

Beylich, A.A. and the SedyMONT-Norway Team (2009): Timescales of sediment dynamics, climate and topographic change in mountain landscapes – Erdalen and Bødalen site project (SedyMONT – Norway). *NGU Report 2009.050*: 22.

Beylich, A.A. and the SedyMONT-Norway Team (2010): Timescales of sediment dynamics, climate and topographic change in mountain landscapes – Erdalen and Bødalen site project (SedyMONT-Norway): Holocene, subrecent and contemporary source-to-sink fluxes in a valley – fjord system. 29th *Nordic Geological Winter Meeting, Oslo, January 11-13, 2010. NGF Abstracts and Proceedings*, **1**: 18.

Beylich, A.A. & A. Baltakova (Eds.) (2018): Controls and implications of source-to-sink environmental fluxes in selected cold climate environments. *Geografiska Annaler*, **100A** (2).

Beylich, A.A. & A. Baltakova (2018): Preface: Controls and implications of source-to-sink environmental fluxes in selected cold climate environments. *Geografiska Annaler*, **100A** (2): 97-98. <https://doi.org/10.1080/04353676.2018.1467529>

Beylich, A.A. & F. Brardinoni (Eds.) (2013): Sediment sources, source-to-sink fluxes and sedimentary budgets. *Geomorphology*, **188**.

Beylich, A.A. & F. Brardinoni (2013): Editorial. Sediment sources, source-to-sink fluxes and sedimentary budgets. *Geomorphology*, **188**: 1-2.

Beylich, A.A. & A. Decaulne (Eds.) (2014): Sedimentary fluxes and budgets in different climatic environments. *Geografiska Annaler*, **96A** (4).

Beylich, A.A. & A. Decaulne (2014): Preface: Sedimentary fluxes and budgets in different climatic environments. *Geografiska Annaler*, **96A** (4): 431.

Beylich, A.A., Decaulne, A. & S.F. Lamoureux (Eds.) (2012): Sedimentary fluxes and budgets in natural and anthropogenically modified landscapes – Effects of climate change and land-use change on geomorphic processes. *Geomorphology*, **167-168**.

Beylich, A.A., Decaulne, A. & S.F. Lamoureux (2012): Sedimentary fluxes and budgets in natural and anthropogenically modified landscapes – Effects of climate change and land-use change on geomorphic processes. Editorial. *Geomorphology*, **167-168**: 1.

Beylich, A.A., Densmore, A., Hinderer, M., Molnar, P., Picotti, V., Reiterer, A., Schlunegger, F. & L. Schrott (2010): Timescales of sediment dynamics, climate and topographic change in mountain landscapes and controls on topographic development (SedyMONT). *6th TOPO-EUROPE Conference, November 4 - 6, 2010, Hønefoss*. Abstracts.

Beylich, A.A., Dixon, J.C. & Z. Zwolinski (2015): The I.A.G. / A.I.G. SEDIBUD Book Project: Source-to-Sink Fluxes in Undisturbed Cold Environments. *Geophysical Research Abstracts*, Vol. **17**, EGU2015-1217., 2015.

Beylich, A.A., Dixon, J.C. & Z. Zwolinski (Eds.) (2016): Source-to-Sink Fluxes in Undisturbed Cold Environments. Cambridge University Press, Cambridge. 408 pp.

Beylich, A.A., Dixon, J.C. & Z. Zwolinski (2016): Preface. In: Beylich, A.A., Dixon, J.C. & Z. Zwolinski (Eds.), *Source-to-Sink Fluxes in Undisturbed Cold Environments*. Cambridge University Press, Cambridge, p. xi.

Beylich, A.A., Dixon, J.C. & Z. Zwolinski (2016): Summary of key findings from Arctic, Antarctic and Mountain Environments. In: Beylich, A.A., Dixon, J.C. & Z. Zwolinski (Eds.), *Source-to-Sink Fluxes in Undisturbed Cold Environments*. Cambridge University Press, Cambridge, pp. 398-399.

Beylich, A.A., Etienne, S., Etzelmüller, B., Gordeev, V.V., Käyhkö, J., Rachold, V., Russell, A.J., Schmidt, K.-H., Sæmundsson, Þ., Tweed, F.S. & J. Warburton (2006): The European Science Foundation (ESF) Network SEDIFLUX – An introduction and overview. In: Beylich, A.A. (Ed.): *SEDIFLUX. Sedimentary Source-to-Sink-Fluxes in Cold Environments. Geomorphology* **80** (1-2): 3-7.

Beylich, A.A., Etienne, S., Etzelmüller, B., Gordeev, V.V., Käyhkö, J., Rachold, V., Russell, A.J., Schmidt, K.-H., Sæmundsson, Þ., Tweed, F.S. & J. Warburton (2005): Sedimentary Source-to-Sink-Fluxes in Cold Environments – Information on the European Science Foundation (ESF) Network SEDIFLUX. *Zeitschrift für Geomorphologie N.F., Suppl.-Vol.* **138**: 229-234.

Beylich, A.A., Etienne, S., Etzelmüller, B., Gordeev, V.V., Käyhkö, J., Rachold, V., Russell, A.J., Schmidt, K.-H., Sæmundsson, Þ., Tweed, F.S. & J. Warburton (2004): Information on the European Science Foundation (ESF) Network: Sedimentary Source-to-Sink-Fluxes in Cold Environments (SEDIFLUX). *Geophysical Research Abstracts*, **6**, 06798, 2004.

Beylich, A.A., Etienne, S., Etzelmüller, B., Gordeev, V.V., Käyhkö, J., Rachold, V., Russell, A.J., Schmidt, K.-H., Sæmundsson, Þ., Tweed, F.S. & J. Warburton (2005): The European Science Foundation (ESF) Network SEDIFLUX: Sedimentary Source-to-Sink-Fluxes in Cold Environments. *NGF Abstracts and Proceedings*, no. 1, 2005: 11-12.

Beylich, A.A., Etienne, S., Etzelmüller, B., Gordeev, V.V., Käyhkö, J., Rachold, V., Russell, A.J., Schmidt, K.-H., Sæmundsson, Þ., Tweed, F.S. & J. Warburton (2005): Sedimentary Source-to-Sink-Fluxes in Cold Environments (SEDIFLUX): An interdisciplinary ESF Network. *HeadWater2005*, Conference Papers (CD). Bergen.

Beylich, A.A., Etienne, S., Etzelmüller, B., Gordeev, V.V., Käyhkö, J., Rachold, V., Russell, A.J., Schmidt, K.-H., Sæmundsson, Þ., Tweed, F.S. & J. Warburton (2005): The European Science Foundation (ESF) Network SEDIFLUX: Sedimentary Source-to-Sink-Fluxes in Cold Environments (2004 – 2006) – Introduction. *EUCOP II Programme and Abstracts*: 92-93.

Beylich, A.A., Etienne, S., Etzelmüller, B., Gordeev, V.V., Käyhkö, J., Rachold, V., Russell, A.J., Schmidt, K.-H., Sæmundsson, Þ., Tweed, F.S. & J. Warburton (2004): The ESF Network SEDIFLUX: “Sedimentary Source-to-Sink-Fluxes in Cold Environments” – an introduction. Náttúrustofa Norðurlands vestra. NNV-2004-003. June 2004, 27-28.

Beylich, A.A., Etienne, S., Etzelmüller, B., Gordeev, V.V., Käyhkö, J., Rachold, V., Russell, A.J., Schmidt, K.-H., Sæmundsson, Þ., Tweed, F.S. & J. Warburton (2004): The European Science Foundation (ESF) Network SEDIFLUX: Sedimentary Source-to-Sink-Fluxes in Cold Environments. *Seventh Workshop on Land Ocean Interactions in the Russian Arctic, LOIRA Project. November 15-18, 2004. P.P. Shirshov Institute of Oceanology of RAS, Russia; World Ocean Problems Commission, Russia; Joint Global Ocean Flux Study (JGOFS):* 14-15.

Beylich, A.A., Etienne, S., Etzelmüller, B., Gordeev, V.V., Käyhkö, J., Lantuit, H., Russell, A.J., Sæmundsson, Þ., Schmidt, K.-H., Tweed, F.S. & J. Warburton (2006): The European Science Foundation (ESF) Network – Sedimentary Source-to-Sink-Fluxes in Cold Environments- (SEDIFLUX, 2004-2006). *NGF Abstracts and Proceedings of the Geological Society of Norway, 4:* 24-25.

Beylich, A.A., Etienne, S., Etzelmüller, B., Gordeev, V.V., Käyhkö, J., Lantuit, H., Russell, A.J., Sæmundsson, Þ., Schmidt, K.-H., Tweed, F.S. & J. Warburton (2006): The European Science Foundation (ESF) Network – Sedimentary Source-to-Sink-Fluxes in Cold Environments- (SEDIFLUX, 2004-2006). *NGU Report 2006.069:* 24-25.

Beylich, A. A. & D. Gintz (2004): Effects of high-magnitude/low-frequency fluvial events generated by intense snowmelt or heavy rainfall in arctic periglacial environments in northern Swedish Lapland and northern Siberia. *Geografiska Annaler, 86 A (1):* 11-29.

Beylich, A.A. & D. Gintz (2010): Applying biofilm analysis for detecting mobility or stability of gravel bed channel stretches. *Geophysical Research Abstracts, Vol. 12, EGU2010-1247,* 2010.

Beylich, A.A., Gärtner-Roer, I., Decaulne, A. & D. Morche (Eds.) (2014): Sediment Flux and Sediment Budget Studies in Cold Environments: New Approaches and Techniques. *Geomorphology, 218.*

Beylich, A.A., Gärtner-Roer, I., Decaulne, A. & D. Morche (2014): Editorial. Sediment flux and sediment budget studies in cold environments: New approaches and techniques. *Geomorphology, 218:* 1-2.

Beylich, A.A., Gustavsson, M. & E. Kolstrup (2007): Experimental weathering of selected non-calcareous rock types under wet/moist conditions. *Zeitschrift für Geomorphologie N.F.* **51** (1): 1-26.

Beylich, A.A., Hansen, L., Liermann, S., Gintz, D., Laute, K., Vatne, G., Fredin, O., Burki, V. & I. Berthling (2008): Sediment dynamics and sub-recent sediment budget of the braided sandur system at Sandane, Erdalen (Nordfjord, western Norway). *NGU Report*, **2008.058**: 21.

Beylich, A.A., Hansen, L., Liermann, S., Gintz, D., Laute, K., Vatne, G., Fredin, O., Burki, V., Berthling, I. & K.-H. Schmidt (2008): Sub-recent sediment dynamics and sediment budget of the braided sandur system at Sandane, Erdalen (Nordfjord, Western Norway). *Geophysical Research Abstracts*. Vol. **10**, EGU2008-A-02591, 2008.

Beylich, A.A., Hansen, L., Liermann, S., Gintz, D., Laute, K., Vatne, G., Fredin, O., Burki, V., Berthling, I. & K.-H. Schmidt (2008): Sub-recent development of the braided sandur system at Sandane, sub-Arctic oceanic upper Erdalen (Norway). *33rd International Geological Congress 2008, Oslo, Norway*. Abstracts.

Beylich, A.A. & C. Kneisel (2008): Postglacial sediment budget and relief development in Hrafnadalur, Easter Iceland. *Geophysical Research Abstracts*, Vol. **10**, EGU2008-A-01660, 2008.

Beylich, A.A. & C. Kneisel (2008): Holocene and present-day sediment budget and relief development in Austfiridir (eastern Iceland). *33rd International Geological Congress 2008, Oslo, Norway*. Abstracts.

Beylich, A.A. & C. Kneisel (2009): Sediment budget and relief development in Hrafnadalur, sub-Arctic oceanic eastern Iceland. *Arctic, Antarctic and Alpine Research*, **41(1)**: 3-17.

Beylich, A.A., Kolstrup, E., Linde, N., Pedersen, L.B., Thyrssted, T., Gintz, D. & L. Dynesius (2003): Assessment of chemical denudation rates using hydrological measurements, water chemistry analysis and electromagnetic geophysical data. *Permafrost and Periglacial Processes* **14**: 387-397.

Beylich, A.A., Kolstrup, E., Molau, U., Thyrssted, T., Linde, N., Pedersen, L.B. & D. Gintz (2003): Combining water chemistry and geophysical investigations with assessment of chemical denudation rates in the Latnjavagge drainage basin, arctic-oceanic Swedish Lapland. *ICOP 2003 Proceedings, Extended Abstracts Reporting Current Research and New Information*: 9-10.

Beylich, A.A., Kolstrup, E., Thyrsted, T. & D. Gintz (2004): Water chemistry and its diversity in relation to local factors in the Latnjavagge drainage basin, arctic-oceanic Swedish Lapland. *Geomorphology*, **58**: 125-143.

Beylich, A.A., Kolstrup, E., Thyrsted, T., Linde, N. & L.B. Pedersen (2004): Assessing chemical denudation rates by combining water chemistry analyses and geophysical investigation in a periglacial environment. *Geophysical Research Abstracts*, **6**, 07477, 2004.

Beylich, A.A., Kolstrup, E., Thyrsted, T., Linde, N. & L.B. Pedersen (2004, April): Assessment of chemical denudation rates in cold environments. – In: Humlum, O. & N. Matsuoka (Eds.), A Handbook on Periglacial Field Methods. *Web-publication at: www.unis.no*.

Beylich, A. A., Kolstrup, E., Thyrsted, T., Linde, N., Pedersen, L. B. & L. Dynesius (2004): Chemical denudation in arctic-alpine Latnjavagge (Swedish Lapland) in relation to regolith as assessed by radio magnetotelluric-geophysical profiles. *Geomorphology*, **57**: 303-319.

Beylich, A.A. & S.F. Lamoureux (Eds.) (2010): Sedimentary Fluxes and Budgets in Changing Cold Environments: Quantitative Analysis and Scaling Issues. *Geografiska Annaler, Special Issue*, **92A (2)**.

Beylich, A.A. & S.F. Lamoureux (2010): The Third Workshop of the I.A.G./A.I.G. SEDIBUD Programme – Sediment Budgets in Cold Environments: Sediment Fluxes and Sediment Budgets in Changing high-latitude and high-altitude Cold Environments. Editorial. *Geografiska Annaler*, **92A (2)**: 149-150.

Beylich, A.A. & S.F. Lamoureux (2010): The Global SEDIBUD Programme: Coordinated Study and Quantification of Sedimentary Fluxes and Budgets in Changing Cold Climate Environments. *International Polar Year Oslo Science Conference 2010, Polar Science – Global Impact, 8-12 June, Oslo*. Conference Abstracts.

Beylich, A.A. & S.F. Lamoureux (2010): Coordinated analysis and quantification of sedimentary fluxes and budgets in cold environments: The SEDIBUD Programme. *Geophysical Research Abstracts*, Vol. **12**, EGU2010-1212, 2010.

Beylich, A.A. & S.F. Lamoureux (2011): Sedimentary fluxes and budgets in cold climate environments: The SEDIBUD (Sediment budgets in cold environments) Programme. *Geophysical Research Abstracts* **13**, EGU2011-1033, 2011.

Beylich, A.A., Lamoureux, S.F. & A. Decaulne (2007): Coordinated quantitative studies on sediment fluxes and sediment budgets in changing cold environments – examples from three SEDIBUD key test areas in Canada, Iceland and Norway. *Landform Analysis*, Vol. 5: 11-12.

Beylich, A.A., Lamoureux, S.F. & A. Decaulne (2007): Sediment fluxes and sediment budgets in changing cold environments – examples from coordinated quantitative studies in three SEDIBUD key test areas in Canada, Iceland and Norway. *NGU Report*, 2007.052: 26-27.

Beylich, A.A., Lamoureux, S.F. & A. Decaulne (Eds.) (2007): Second Workshop of I.A.G./A.I.G. SEDIBUD – Sediment Budgets in Cold Environments: Sediment Fluxes and Sediment Budgets in Changing High-Latitude & High-Altitude Cold Environments. *NGU Report*, 2007.052. 57pp.

Beylich, A.A., Lamoureux, S.F. & A. Decaulne (2008): SEDIBUD – Sediment budgets in cold environments: Introduction. *Zeitschrift für Geomorphologie N.F.*, 52 (1): 1-2.

Beylich, A.A., Lamoureux, S.F. & A. Decaulne (2008): Quantitative analysis of source-to-sink-fluxes and sediment budgets in changing cold environments – the global SEDIBUD program. *Geophysical Research Abstracts*. Vol. 10, EGU2008-A-01652, 2008.

Beylich, A.A., Lamoureux, S.F. & A. Decaulne (2008): The global I.A.G./A.I.G. SEDIBUD (Sediment Budgets in Cold Environments) programme: Introduction and overview. *Norsk Geografisk Tidsskrift-Norwegian Journal of Geography* 62(2): 50-51.

Beylich, A.A., Lamoureux, S.F. & A. Decaulne (Eds.) (2008): Third I.A.G. / A.I.G. SEDIBUD Workshop, Boulder, U.S.A.: Sediment Fluxes and Sediment Budgets in Changing High-Latitude and High-Altitude Cold Environments. *NGU Report*, 2008.058: 41pp.

Beylich, A.A., Lamoureux, S.F. & A. Decaulne (2011): Developing frameworks for studies on sedimentary fluxes and budgets in changing cold environments. *Quaestiones Geographicae*, 30(1): 5-18.

Beylich, A.A., Lamoureux, S.F. & A. Decaulne (Eds.) (2009): Source-to-sink-fluxes and sediment budgets in changing high-latitude and high-altitude cold environments. *Arctic, Antarctic and Alpine Research, Special Issue* 41(1).

Beylich, A.A., Lamoureux, S.F. & A. Decaulne (2009): Sediment budgets in Cold Environments – the SEDIBUD programme. *Arctic, Antarctic and Alpine Research*, 41(1): 1-2.

Beylich, A.A., Lamoureux, S.F. & A. Decaulne (2009): Quantitative analysis of sediment budgets in cold environments: The I.A.G. / A.I.G. SEDIBUD Programme. *7th International Conference on Geomorphology (ANZIAG). Ancient Landscapes – Modern Perspectives. Conference Abstracts.*

Beylich, A.A., Lamoureux, S.F. & A. Decaulne (Eds.) (2009): Fourth I.A.G. / A.I.G. SEDIBUD Workshop, Kingston, Ontario, Canada: Quantitative analysis of sedimentary fluxes and budgets in changing cold climate environments: Scaling issues, new techniques, modelling and data management. *NGU Report 2009.050.* 40pp.

Beylich, A.A., Lamoureux, S.F. & A. Decaulne (2011): The SEDIBUD (Sediment Budgets in Cold Environments) Programme: Overview of ongoing activities and relevant tasks for the coming years. *Sixth SEDIBUD Workshop, Zakopane, Poland. Abstract Volume: 7-9.*

Beylich, A.A., Lamoureux, S.F. & A. Decaulne (2012): The SEDIBUD (Sediment Budgets in Cold Environments) Programme: Ongoing activities and selected key tasks for the coming years. *Geomorphology, 167-168: 2-3.*

Beylich, A.A., Lamoureux, S.F. & A. Decaulne (2012): The SEDIBUD (Sediment Budgets in Cold Environments) Programme: Overview of ongoing activities and relevant tasks for the coming years. *IPY Conference 2012, Montreal. Abstracts.*

Beylich, A.A., Lamoureux, S.F. & A. Decaulne (2012): The SEDIBUD (Sediment Budgets in Cold Environments) Programme: Current activities and future key tasks. *Geophysical Research Abstracts, Vol. 14, EGU2012.*

Beylich, A.A., Lamoureux, S.F. & A. Decaulne (2012): The I.A.G. / A.I.G. SEDIBUD (Sediment Budgets in Cold Environments) Programme: Ongoing activities and selected tasks for the coming years. *BSG Annual Conference 2012, Nottingham, UK. Abstracts: 60.*

Beylich, A.A., Lamoureux, S.F. & A. Decaulne (2012): Towards a coordinated and integrated analysis of environmental drivers and rates of contemporary solute and sedimentary fluxes in changing cold climate environments – the SEDIBUD Programme as an approach. *NGF Abstracts and Proceedings of the Geological Society of Norway, 1: 17-20.*

Beylich, A.A., Lamoureux, S.F. & A. Decaulne (2013): The I.A.G. / A.I.G. SEDIBUD (Sediment Budgets in Cold Environments) Programme: Scientific key issues and future tasks. *8th IAG International Conference on Geomorphology, Paris, 27-31 August 2013. Abstracts.*

Beylich, A.A., Lamoureux, S.F. & A. Decaulne (2013): The I.A.G. / A.I.G. SEDIBUD (Sediment Budgets in Cold Environments) Programme: Current and future activities. *Geophysical Research Abstracts*, Vol. **15**, EGU2013-1174, 2013.

Beylich, A.A., Lamoureux, S.F., Decaulne, A., Björk, R.G. & F.S. Tweed (2007): Chapter 4 – Selection of critical key test catchments. *NGU Report*, **2007.053**: 95-100.

Beylich, A.A., Lamoureux, S.F., Decaulne, A., Dixon, J.C., Orwin, J.F., Otto, J.-C., Overeem, I., Sæmundsson, Th., Warburton, J. & Z. Zwolinski (2009): Sediment Budgets in Cold Environments: The I.A.G. / A.I.G. SEDIBUD programme. *NGU Report* **2009.050**: 20-21.

Beylich, A.A., Lamoureux, S.F., Decaulne, A., Dixon, J.C., Orwin, J.F., Otto, J.-Ch., Overeem, I., Sæmundsson, Th., Warburton, J. & Z. Zwolinski (2010): Sedimentary fluxes and budgets in changing cold environments: The global I.A.G. / A.I.G. Sediment Budgets in Cold Environments (SEDIBUD) Programme. *Geografiska Annaler*, **92 A (2)**: 151-153.

Beylich, A.A., Lamoureux, S.F., Decaulne, A., Dixon, J.C., Orwin, J.F., Overeem, I., Sæmundsson, P., Warburton, J., & Z. Zwolinski (2008): Sediment Budgets in Cold Environments: The I.A.G. / A.I.G. SEDIBUD programme. *NGU Report*, **2008.058**: 19-20.

Beylich, A.A., Lamoureux, S.F., Decaulne, A., Dixon, J.C. & Z. Zwolinski (2011): SEDIBUD Objective. <http://www.geomorph.org/sedibud-working-group/> (October 26, 2011).

Beylich, A.A. & K. Laute (Eds.) (2010): Detecting Landscape Change. ESF TOPO-EUROPE Workshop and PhD Summer School, August 31 – September 8, 2010, Loen (Nordfjord), Norway. *NGF Abstracts and Proceedings of the Geological Society of Norway*, **3**. 115pp.

Beylich, A.A. & K. Laute (2010): Field excursions. Study Sites Erdalen & Bødalen. ESF TOPO-EUROPE Workshop and PhD Summer School on Detecting Landscape Change, August 31 – September 8, 2010, Loen (Nordfjord), Norway. *NGF Abstracts and Proceedings of the Geological Society of Norway*, **3**: 101-107.

Beylich, A.A. & K. Laute (2011): Controls and spatio-temporal variability of surface water chemistry and chemical denudation in the fjord landscape of the inner Nordfjord, western Norway. *Sixth SEDIBUD Workshop, Zakopane, Poland. Abstract Volume*: 17-18.

Beylich, A.A. & K. Laute (2011): Rates and spatio-temporal variability of chemical denudation in the fjord landscape of the inner Nordfjord, western Norway. *7th TOPO-EUROPE Workshop, Davos, Switzerland, 6-9 October 2011. Abstracts*.

Beylich, A.A., & K. Laute (2012): Controls and spatio-temporal variability of runoff, solute fluxes and chemical denudation in the fjord landscape of the inner Nordfjord, western Norway. *Geophysical Research Abstracts*, Vol. **14**, EGU2012.

Beylich, A.A. & K. Laute (2012): Spatial variations of surface water chemistry and chemical denudation in the Erdalen drainage basin, Nordfjord, western Norway. *Geomorphology*, **167-168**: 77-90.

Beylich, A.A. & K. Laute (2012): Seasonal and annual variations of surface water chemistry, solute fluxes and chemical denudation in a steep and glacier-fed mountain catchment in western Norway (Erdalen, Nordfjord). *Catena*, **96**: 12-27.

Beylich, A.A. & K. Laute (2012): Spatio-temporal variability and environmental controls of chemical denudation in the fjord landscape of the inner Nordfjord, western Norway. *BSG Annual Conference 2012, Nottingham, UK. Abstracts*: 30.

Beylich, A.A. & K. Laute (Eds.) (2012): Seventh I.A.G. / A.I.G. SEDIBUD (Sediment Budgets in Cold Environments) Workshop *Towards an integrated analysis of environmental drivers and rates of contemporary solute and sedimentary fluxes in changing cold climate environments – From coordinated field data generation to integration and modelling* and SEDIBUD Summer School *Quantitative analysis of geomorphologic processes: Field methods, experimental techniques and modelling*. *NGF Abstracts and Proceedings of the Geological Society of Norway*, **1**. 160pp.

Beylich, A.A. & K. Laute (2012): Spatiotemporal variability and environmental controls of chemical and mechanical denudation rates in the fjord landscape of the inner Nordfjord, western Norway. *NGF Abstracts and Proceedings of the Geological Society of Norway*, **1**: 50-51.

Beylich, A.A. & K. Laute (2013): Combining field measurements and flume experiments for analysing fluvial bedload transport and morphodynamics in steep mountain streams. *8th IAG International Conference on Geomorphology, Paris, 27-31 August 2013. Abstracts*.

Beylich, A.A. & K. Laute (2013): Environmental controls and spatio-temporal variability of chemical and mechanical denudation rates in the inner Nordfjord, western Norway. *Geophysical Research Abstracts*, Vol. **15**, EGU2013-1183, 2013.

Beylich, A.A. & K. Laute (2014): Combining impact sensor field and laboratory flume measurements with other techniques for studying fluvial bedload transport in steep mountain streams. *Geomorphology*, **218**: 72-87.

Beylich, A.A. & K. Laute (2013): Using portable impact sensors for analyzing fluvial bedload transport in steep mountain streams. *AGU 2013 Fall Meeting. Abstracts*.

Beylich, A.A. & K. Laute (2014): Spatio-temporal variability and rates of fluvial bedload transport in steep mountain catchments in western Norway. *Geophysical Research Abstracts*, Vol. **16**, EGU2014-2156, 2014.

Beylich, A.A. & K. Laute (2014): Spatiotemporal variability of fluvial bedload transport in partly glacierized drainage basin systems in the fjord landscape of western Norway. *8th SEDIBUD Workshop, Zugspitze / Bavaria, 1-4 September 2014. Abstracts.*

Beylich, A.A. & K. Laute (2015): Sediment sources, spatiotemporal variability and rates of fluvial bedload transport in glacier-connected steep mountain valleys in western Norway (Erdalen and Bødalen drainage basin). *Geomorphology*, **228C**: 552-567.

Beylich, A.A. & K. Laute (2015): Quantification of fluvial bedload transport in glacier-connected steep mountain catchments in western Norway. *Geophysical Research Abstracts*, Vol. **17**, EGU2015-1155, 2015.

Beylich, A.A. & K. Laute (2015): Contemporary rates and spatiotemporal variability of fluvial suspended sediment transport in the inner Nordfjord in western Norway. *Geophysical Research Abstracts*, Vol. **17**, EGU2015-1160, 2015.

Beylich, A.A. & K. Laute (2015): Environmental controls, spatiotemporal variability and rates of contemporary fluvial suspended sediment transport in the inner Nordfjord in western Norway. *Proceedings of the 9th I.A.G./A.I.G. SEDIBUD (Sediment Budgets in Cold Environments) Workshop "Sediment Dynamics in Cold Environments", Kaunertal, Tyrol/ Austria. September 7-10, 2015.* pp 14-15.

Beylich, A.A. & K. Laute (2016): Chemical denudation in partly glacierized mountain catchments in the fjord landscape of western Norway: Contemporary rates, environmental controls and possible effects of climate change. In: Beylich, A.A., Dixon, J.C. & Z. Zwolinski (Eds.), *Source-to-Sink Fluxes in Undisturbed Cold Environments*. Cambridge University Press, Cambridge, pp. 275-292.

Beylich, A.A. & K. Laute (2017): Relationships between morphoclimate, vegetation cover, and solute and solid fluxes in the boreal Homla drainage basin in middle Norway. *Proceedings of the 11th Workshop of the IAG/AIG SEDIBUD (Sediment Budgets in Cold Environments) Working Group: Relationships between climate change, vegetation cover and sediment fluxes in high latitude/high altitude cold environments. September 5-8, 2017. Bara, Romania, 8-9.*

Beylich, A.A. & K. Laute (2018): Morphoclimatic controls of contemporary chemical and mechanical denudation in a boreal-oceanic drainage basin system in central Norway (Homla drainage basin, Trøndelag). *Geografiska Annaler*, **100A** (2): 116-139. <https://doi.org/10.1080/04353676.2017.1407219>

Beylich, A.A. & K. Laute (2018): Spatiotemporal variability of mechanical denudation in the inner Nordfjord in western Norway. *Geophysical Research Abstracts* **20**, EGU2018-7038, 2018.

Beylich, A.A. & K. Laute (2018): Trends of postglacial hillslope and relief development in selected mountain regions in eastern Iceland, northern Sweden and western Norway. *Geophysical Research Abstracts* **20**, EGU2018-3367, 2018.

Beylich, A.A. & K. Laute (2018): Environmental drivers and trends of postglacial relief development in selected mountain regions in Iceland, Sweden and Norway. *Studia Geomorphologica Carpatho-Balcanica*, **LI/LII**, 2017/2018: 7-23.

Beylich, A.A. & K. Laute (2018): Spatiotemporal variability, environmental controls and rates of contemporary mechanical and chemical denudation across selected glacierized and non-glacierized drainage basin systems in western and central Norway. *1st Workshop of the I.A.G./A.I.G. Working Group DENUCHANGE: Denudation and Environmental Changes in Different Morphoclimatic Zones. Storkowo-Szczecinek, Poland, September 25-27, 2018.* Book of Abstracts: 13-14.

Beylich, A.A. & K. Laute (2018): Slope denudation, streamwork, and trends of relief development in selected mountain regions in Iceland, Sweden and Norway. *1st Workshop of the I.A.G./A.I.G. Working Group DENUCHANGE: Denudation and Environmental Changes in Different Morphoclimatic Zones. Storkowo-Szczecinek, Poland, September 25-27, 2018.* Book of Abstracts: 20-21.

Beylich, A.A. & K. Laute (2019): Denudational processes, source-to-sink fluxes and sedimentary budgets under changing climate and anthropogenic impacts in selected drainage basin systems in central Norway and eastern Spain. *Geophysical Research Abstracts*, Vol. **21**, EGU2019-1969, 2019.

Beylich, A.A. & K. Laute (Eds.) (2019): Second Workshop of the IAG Working Group on Denudation and Environmental Changes in Different Morphoclimatic Zones (DENUCHANGE), 12-14 September 2019, Calpe, Spain. *GFL Geomorphological Field Laboratory Publication Series*, Number **1**, September 2019. 49 pp.

Beylich, A.A. & K. Laute (2019): Drivers and rates of fluvial processes and source-to-sink fluxes under changing climate and anthropogenic impacts in Mediterranean catchment systems in eastern Spain. *GFL Geomorphological Field Laboratory Publication Series*, Number **1**, September 2019: 10-11.

Beylich, A.A. & K. Laute (2019): Morphoclimate and contemporary denudation in the upper Driva drainage basin in central Norway. *GFL Geomorphological Field Laboratory Publication Series*, Number 1, September 2019: 12.

Beylich, A.A. & K. Laute (2019): Drivers and rates of denudational processes and source-to-sink fluxes under changing climate and anthropogenic impacts in selected Mediterranean catchment systems in eastern Spain. *IAG Regional Conference 2019. Geomorphology of Climatically and Tectonically Sensitive Areas. 19-21 September 2019. Athens, Greece. Abstract book*: 89.

Beylich, A.A. & K. Laute (2020): Sediment sources, denudational processes and sedimentary budgets in three Mediterranean catchment systems in eastern Spain. *Geophysical Research Abstracts*, Vol. 22, EGU2020-3492, 2020.

Beylich, A.A. & K. Laute (in press): Fluvial processes and contemporary fluvial denudation in different mountain landscapes in western and central Norway. In: Beylich, A.A. (Ed.), *Landscapes and landforms of Norway*. Springer.

Beylich, A.A., Laute, K. & M. Hassan (2011): Analysing fluvial bedload transport in steep mountain streams by integrating extended field measurements with flume experiments. *Sixth SEDIBUD Workshop, Zakopane, Poland. Abstracts Volume*: 19.

Beylich, A.A., Laute, K. & S. Liermann (2010): Monitoring of geomorphic processes and quantitative analysis of mechanical and chemical denudation rates in glacier-fed valley-fjord systems in the inner Nordfjord, western Norway. *NGF Abstracts and Proceedings of the Geological Society of Norway*, 3: 21-22.

Beylich, A.A., Laute, K. & S. Liermann (2011): Analysis of bedload transport in steep mountain streams: Integrating field measurements with flume experiments. *Geophysical Research Abstracts* 13, EGU2011-3291, 2011.

Beylich, A.A., Laute, K. & S. Liermann (2011): Holocene to contemporary source-to-sink fluxes in a valley-fjord system in western Norway: Erdalen and Bødalen site project (SedyMONT-Norway). *Geophysical Research Abstracts* 13, EGU2011-13777, 2011.

Beylich, A.A., Laute, K. & S. Liermann (2012): Holocene to contemporary source-to-sink fluxes in a valley-fjord system in western Norway: Erdalen and Bødalen site project (SedyMONT – IP Norway). *Geophysical Research Abstracts*, Vol. 14, EGU2012.

Beylich, A.A., Laute, K. & S. Liermann (2012): Integrating field measurements with flume experiments for analysing fluvial bedload transport in steep mountain streams. *Geophysical Research Abstracts*, Vol. 14, EGU2012.

Beylich, A.A., Laute, K. & S. Liermann (2013): Integrating field measurements and flume experiments for analysing fluvial bedload transport and channel morphodynamics in steep mountain streams. *Geophysical Research Abstracts*, Vol. **15**, EGU2013-1179, 2013.

Beylich, A.A., Laute, K. & S. Liermann (2013): Glacial isostatic adjustment and Holocene to contemporary source-to-sink fluxes in valley-fjord systems in western Norway. *Geophysical Research Abstracts*, Vol. **15**. EGU2013-1320-1, 2013.

Beylich, A.A., Laute, K. & S. Liermann (2014): Controls of Holocene to contemporary sedimentary source-to-sink fluxes in valley-fjord systems in western Norway. *Geophysical Research Abstracts*, Vol. **16**, EGU2014-4007, 2014.

Beylich, A.A., Laute, K. & S. Liermann (2014): Sedimentary source-to-sink fluxes in valley-fjord systems in western Norway. *8th SEDIBUD Workshop, Zugspitze / Bavaria, 1-4 September 2014. Abstracts.*

Beylich, A.A., Laute, K., Liermann, S. & the SedyMONT-Norway Team (2010): Timescales of sediment dynamics, climate and topographic change in mountain landscapes (SedyMONT): Erdalen and Bødalen site project (SedyMONT-Norway): Holocene, subrecent and contemporary source-to-sink fluxes in a valley-fjord system. *6th TOPO-EUROPE Conference, November 4-6, 2010, Hønefoss. Abstracts.*

Beylich, A.A., Laute, K., Liermann, S., Hansen, L., Burki, V., Vatne, G., Fredin, O., Gintz, D. & I. Berthling (2009): Subrecent sediment dynamics and sediment budget of the braided sandur system at Sandane, Erdalen (Nordfjord, western Norway). *Norsk Geografisk Tidsskrift – Norwegian Journal of Geography, Special Issue*, **63 (2)**: 123-131.

Beylich, A.A., Laute, K., Liermann, S. & J.E.A. Storms (2016): Environmental controls, sediment sources, spatiotemporal variability and rates of fluvial sediment transport in partly glacierized mountain catchments in the fjord landscape of western Norway. *Proceedings of the 10th I.A.G. / A.I.G. SEDIBUD (Sediment Budgets in Cold Environments) Workshop, 7-10 September 2016: Monitoring of geomorphological processes in cold environments under climate change. Bansko, Bulgaria, 26-29.*

Beylich, A.A., Laute, K. & J.E.A. Storms (2016): Environmental controls, sediment sources and spatiotemporal variability of suspended sediment yields in partly glacierized catchment systems in western Norway. *Geophysical Research Abstracts* Vol. **18**, EGU2016-2297, 2016.

Beylich, A.A., Laute, K. & J.E.A. Storms (2017): Contemporary suspended sediment dynamics within two partly glacierized mountain drainage basins in western Norway (Erdalen and Bødalen, inner Nordfjord). *Geomorphology*, **287**: 126-143.

Beylich, A.A., Liermann, S. & K. Laute (2009): Spatio-temporal variability of sediment sources and fluvial transport in two glacier-fed mountain catchments in Nordfjord, western Norway. *NGU Report 2009.050*: 19.

Beylich, A.A., Liermann, S. & K. Laute (2010): Fluvial transport during thermally and pluvially induced peak runoff events in a glacier-fed mountain catchment in western Norway. *Geografiska Annaler*, **92 A (2)**: 237-246.

Beylich, A.A., Liermann, S. & K. Laute (2010): Mechanical and chemical denudation in two glacier-fed mountain catchments in Nordfjord, western Norway (Erdalen and Bødalen). *Geophysical Research Abstracts*, Vol. **12**, EGU2010-1221, 2010.

Beylich, A.A., Liermann, S. & K. Laute (2010): Spatio-temporal variability of mechanical and chemical denudation rates in glacier-fed valley-fjord systems in the inner Nordfjord, western Norway. *NNV-2010-007*, September 2010: 17.

Beylich, A.A., Liermann, S. & K. Laute (2011): Spatio-temporal variability of chemical and mechanical denudation in glacier-fed mountain catchments in Nordfjord, western Norway. *Geophysical Research Abstracts* **13**, EGU2011-1397, 2011.

Beylich, A.A., Lindblad, K. & U. Molau (2005): Direct human impacts on mechanical denudation in an arctic-oceanic periglacial environment in northern Swedish Lapland (Abisko mountain area). *Zeitschrift für Geomorphologie N.F., Suppl.-Vol.* **138**: 81-100.

Beylich, A.A., Lindblad, K., Molau, U., Sandberg, O. & S. Wache (2004): Intensity and spatio-temporal variability of fluvial sediment transfers in arctic-oceanic Latnjavagge, northernmost Swedish Lapland. *Geophysical Research Abstracts*, **6**, 06807, 2004.

Beylich, A.A., Mao, L. & Z. Zwolinski (2018): The I.A.G. / A.I.G. Working Group DENUCHANGE (2017-2021): Denudation and Environmental Changes in Different Morphoclimatic Zones. *Geophysical Research Abstracts* **20**, EGU2018-3347, 2018.

Beylich, A.A. & U. Molau (2011): Dynamics and Landscape Formation in Cold Environments: The DYNAFLUX / DYNACOLD Network. *Geophysical Research Abstracts* **13**, EGU2011-13761, 2011.

Beylich, A.A. & U. Molau (2012): The DYNAFLUX / DYNACOLD Network: Dynamics, Fluxes, Stability, Succession and Landscape Formation in Cold Environments. *Geophysical Research Abstracts*, **14**, EGU2012.

Beylich, A.A., Molau, U. & C. Keskitalo (2006): Dynamics and Landscape Formation in Cold Environments. *NGF Abstracts and Proceedings of the Geological Society of Norway*, **4**: 28.

Beylich, A.A., Molau, U. & C. Keskitalo (2006): Dynamics and Landscape Formation in Cold Environments. *NGU Report 2006.069*: 28

Beylich, A.A., Molau, U., Luthbom, K. & D. Gintz (2005): Rates of chemical and mechanical fluvial denudation in an arctic-oceanic periglacial environment, Latnjavagge drainage basin, northernmost Swedish Lapland. *Arctic, Antarctic, and Alpine Research* **37** (1): 75-87.

Beylich, A.A., Molau, U., Sandberg, O., Lindblad, K. & H. Seppä (2004): Integrating sediment budget studies and ecology at the landscape level – results from ongoing monitoring programmes in Latnjavagge, northernmost Swedish Lapland. Náttúrustofa Norðurlands vestra. NNV-2004-003. June 2004, 29-30.

Beylich, A.A. & O.T. Pop (Eds.) (2019): Drivers of denudation rates, source-to-sink fluxes, and sedimentary budgets. *Geomorphology, Special Issue*.

Beylich, A.A. & O.T. Pop (2019): Editorial. Special Issue “Drivers of denudation rates, source-to-sink fluxes, and sedimentary budgets”. *Geomorphology*, **334**: 58-59.

Beylich, A.A. & O. Sandberg (2005): Geomorphic effects of the extreme rainfall event of July 20th-21st, 2004 in the Latnjavagge catchment, northernmost Swedish Lapland. *Geografiska Annaler*, **87 A** (3): 409-419.

Beylich, A.A., Sandberg, O., Lindblad, K. & U. Molau (2004): Fluvial sediment transport and denudation in Latnjavagge, arctic-oceanic Swedish Lapland. - Joint International Geomorphology Conference, 18-20 August 2004, Glasgow. Abstract Volume, p46.

Beylich, A.A., Sandberg, O., Molau, U., Lindblad, K. & S. Wache (2004): Sediment sources and spatio-temporal variability of fluvial sediment transfers in arctic-oceanic Latnjavagge, Swedish Lapland. Náttúrustofa Norðurlands vestra. NNV-2004-003. June 2004, 66-67.

Beylich, A.A., Sandberg, O., Molau, U. & S. Wache (2006): Intensity and spatio-temporal variability of fluvial sediment transfers in an arctic-oceanic periglacial environment in northernmost Swedish Lapland. *Geomorphology* **80** (1-2): 114-130.

Beylich, A.A. & K.-H. Schmidt (2005): Water chemistry and solute fluxes in the Kidisjoki catchment, subarctic Finnish Lapland. *European Science Foundation (ESF) Network SEDIFLUX – Sedimentary Source-to-Sink-Fluxes in Cold Environments. Second Workshop, Clermont-Ferrand, France 20 – 22 January, 2005.* Seteun, Clermont-Ferrand: 54.

Beylich, A.A. & K.-H. Schmidt (Eds.) (2008): Sedimentary source-to-sink-fluxes and sediment budgets in changing cold environments. *Zeitschrift für Geomorphologie N.F.*, **52** (1).

Beylich, A.A., Schmidt, K.-H. & S. Neuvonen (2005): Chemical denudation in a small catchment in subarctic Finnish Lapland. *NFG Abstracts and Proceedings*, no. 1, 2005: 12.

Beylich, A.A., Schmidt, K.-H., Neuvonen, S., Forbrich, I. & A. Schildt (2005): Hydrology, water chemistry and solute fluxes in a small catchment in subarctic Finnish Lapland. *HeadWater2005*, Conference Papers (CD). Bergen.

Beylich, A.A., Schmidt, K.-H., Neuvonen, S., Forbrich, I. & A. Schildt (2006): Solute fluxes in the Kidisjoki catchment, subarctic Finnish Lapland. *Geomorphologie: Relief, Processus, Environment*. No. **3**: 205-212.

Beylich, A.A., Sæmundsson, Þ., Decaulne, A. & O. Sandberg (Eds.) (2004) : First Science Meeting of the European Science Foundation ESF – Network SEDIFLUX. Sauðárkrókur, Iceland, June 18th – 21st, 2004. - Extended Abstracts of Science Meeting Contributions. Náttúrustofa Norðurlands vestra. NNV-2004-003. 103 pp.

Beylich, A.A. & O.M. Sæther (Eds.) (2009): Environmental Fluxes in Polar Regions under Changing Climate. *Norwegian Journal of Geography – Norsk Geografisk Tidsskrift, Special Issue* **63(2)**.

Beylich, A.A. & O.M. Sæther (2009): Environmental fluxes in polar regions under changing climate. Editorial. *Norsk Geografisk Tidsskrift-Norwegian Journal of Geography*, **63(2)**: 97.

Beylich A.A. & J. Warburton (Eds.) (2007): Analysis of Source-to-Sink-Fluxes and Sediment Budgets in Changing High-Latitude and High-Altitude Cold Environments. SEDIFLUX Manual. First Edition. *NGU Report*, **2007.053**. 158pp.

Beylich, A.A. & Z. Zwolinski (Eds.) (2012): Hydrogeomorphological processes in catchment geoecosystems. *Zeitschrift für Geomorphologie N.F.*, **56**, *Supplementary Issue* **1**.

Beylich, A.A. & Z. Zwolinski (2012): Preface. *Zeitschrift für Geomorphologie N.F.*, **56**, *Supplementary Issue* **1**: 1-2.

Beylich, A.A. & Z. Zwolinski (2018): Report on the 1st Workshop of the I.A.G./A.I.G. Working Group DENUCHANGE: Denudation and Environmental Changes in Different Morphoclimatic Zones, Storkowo-Szczecinek (Poland), 25-27 September 2018.
<http://www.geomorph.org/denuchange-working-group/>

Burki, V., Hansen, L., Fredin, O., Beylich, A.A. & E. Larsen (2008): Little Ice Age to present glacial sediment evacuation rate of the Bødalsbreen glacier. 33rd *International Geological Congress 2008, Oslo, Norway. Abstracts.*

Burki, V., Hansen, L., Fredin, O., Beylich, A.A. & E. Larsen (2008): Glacier erosion rates since Little Ice Age during advance and retreat of a Norwegian outlet glacier. *Swiss Geoscience Meeting, Lugano 2008. Abstracts.*

Burki, V., Hansen, L., Fredin, O., Andersen, T.A., Beylich, A.A., Jaboyedoff, M., Larsen, E. & J.-F. Tønnesen (2009): Little Ice Age advance and retreat sediment budgets for an outlet glacier in western Norway. *Boreas*, 10.1111/j.1502-3885.2009.00133.x.ISSN 0300-9483

Decaulne, A. Beylich, A.A., Dixon, J.C., Zwolinski, Z., Rachlewicz, G. & M. Strzelecki (2011): 6th SEDIBUD Workshop Zakopane, Poland, 3-11 September 2011 on "Sedimentary fluxes dynamics in the changing mountain and polar environment – monitoring, record & consequences". *I.A.G. / A.I.G. Newsletter No. 27 (3&4/2011).*

Decaulne, A., Beylich, A.A. & S.F. Lamoureux (2012): The SEDIBUD (Sediment Budgets in Cold Environments) Programme, ongoing activities and relevant tasks for the coming years. *Nordic Geological Winter Meeting 2012, Reykjavik. Abstracts.*

Decaulne, A., Beylich, A.A., Lamoureux, S.F., Caine, N.T. & I. Overeem (2008): Sediment fluxes and sediment budgets in changing high-latitude and high-altitude cold environments. Sediment Budgets in Cold Environments (SEDIBUD) Third Workshop; Mountain Research Station, INSTAAR, Boulder, Colorado, 9-13 September 2008. *IAG/AIG Newsletter No. 24 (3/2008).*

Decaulne, A., Eggertsson, Ó., Arbella, E., Laute, K. & A.A. Beylich (2011): Recent extreme snow-avalanche events tracked through tree-ring analysis – a case study from Western Norway. *Geophysical Research Abstracts*, Vol. 13, EGU2011-1777, 2011.

Decaulne, A., Eggertsson, Ó., Arbella, E., Laute, K. & A.A. Beylich (2011): Tracking snow-avalanche occurrence by the mean of dendrogeomorphology – some methodological issues from a Norwegian case study. *Sixth SEDIBUD Workshop, Zakopane, Poland. Abstracts Volume: 20-23.*

Decaulne, A., Eggertsson, Ó., Laute, K. & A.A. Beylich (2010): Dendrogeomorphology and dendrochronology revealing recent snow-avalanche activity in Upper Nordfjord, western Norway. *WorldDendo Conference, Rovaniemi, Finland. Abstracts.*

Decaulne, A., Eggertsson, O., Laute, K. & A.A. Beylich (2012): A 20th century calendar of snow avalanche activity within the Bødalen valley, inner Nordfjord, western Norway. *Geophysical Research Abstracts*, Vol. 14, EGU2012.

Decaulne, A., Eggertsson, O., Laute, K. & A.A. Beylich (2012): The main snow-avalanche winters of the last 100 years documented by dendrogeomorphology in the Bødalen valley, inner Nordfjord, western Norway. *NGF Abstracts and Proceedings of the Geological Society of Norway*, 1: 55-56.

Decaulne, A., Eggertsson, O., Laute, K. & A.A. Beylich (2013): The main snow-avalanche winters of the last 100 years documented by dendrogeomorphology in the Bødalen and Erdalen valleys, inner Nordfjord, western Norway. *8th IAG International Conference on Geomorphology, Paris, 27 – 31 August 2013. Abstracts.*

Decaulne, A., Eggertsson, Ó., Laute, K. & A.A. Beylich (2013): Dendrogeomorphologic approach for snow-avalanche activity reconstruction in a maritime cold environment (upper Erdalen, Norway). *Zeitschrift für Geomorphologie N.F.*, 57, *Supplementary Issue 2*: 55-68.

Decaulne, A., Eggertsson, O., Laute, K. & A.A. Beylich (2014): A 100-year extreme snow-avalanche record based on tree-ring research in upper Bødalen, inner Nordfjord, western Norway. *Geomorphology*, 218: 3-15.

Decaulne, A., Eggertsson, O., Laute, K., Sæmundsson, Th. & A.A. Beylich (2012): Changes in snow-avalanche activity on selected paths in Northern Iceland and Western Norway highlighted by dendrogeomorphologic analyses. *Nordic Geological Winter Meeting 2012, Reykjavik. Abstracts.*

Decaulne, A., Eggertsson, O., Laute, K., Sæmundsson, Th. & A.A. Beylich & H.P. Jonsson (2010): Addressing frequency and magnitude of recent snow avalanches in Northern Iceland and Western Norway by using dendrogeomorphology. *Geophysical Research Abstracts*, Vol. 12, EGU2010-4262, 2010.

Decaulne, A., Eggertsson, O., Sæmundsson, Th., Laute, K., Beylich, A.A., Pop, O., Defive, E. & S. Larrue (2010): The EuroDendo project – Snow-avalanche and debris-flow frequency in European Middle Mountains unravelled by dendrogeomorphological analyses. *Geophysical Research Abstracts*, Vol. 12, EGU2010-4231, 2010.

Decaulne, A., Eggertsson, O., Sæmundsson, Th., Laute, K., Beylich, A.A., Pop, O., Defive, E. & S. Larrue (2010): The Euro-Dendro project – Snow avalanche and debris flow frequency in European Middle Mountains unravelled by dendrogeomorphological analyses. *WorldDendro Conference, Rovaniemi, Finland. Abstracts.*

Decaulne, A., Rachlewicz, G., Lamoureux, S.F. & A.A. Beylich (Eds.) (2013): Sediment budgets in cold environments. Sedimentary fluxes dynamics in the changing mountain and polar environment: Monitoring, record & consequences. *Zeitschrift für Geomorphologie N.F., 57, Supplementary Issue 2.*

Decaulne, A., Sæmundsson, Th. & A.A. Beylich (2017): The I.A.G. / A.I.G. Working Group SEDIBUD – a long-lasting effort to enhance scientific research and collaborations in high-latitude and high-altitude cold environments. *Proceedings of the 11th Workshop of the IAG/AIG SEDIBUD (Sediment Budgets in Cold Environments) Working Group: Relationships between climate change, vegetation cover and sediment fluxes in high latitude/high altitude cold environments. September 5-8, 2017. Bara, Romania, 19.*

Decaulne, A., Sæmundsson, Th., Eggertsson, O., Laute, K., & A.A. Beylich (2009): Using dendrogeomorphology to address frequency and magnitude of recent snow avalanches on colluvial surfaces in cold mountain environments. *NGU Report 2009.050: 23.*

Derron, M.-H. & A.A. Beylich (2006): Chemical denudation in Erdalen (Nordfjord, Norway), first estimations and numerical modelling. *NGF Abstracts and Proceedings of the Geological Society of Norway, 4: 34.*

Derron, M.-H. & A.A. Beylich (2006): Chemical denudation in Erdalen (Nordfjord, Norway), first estimations and numerical modelling. *NGU Report 2006.069: 34.*

Fredin, O., Beylich, A.A., Nesje, A., Larsen, E., Jansson, P. & V. Burki (2007): Recycling of glacial and non-glacial sediments during the `Little Ice Age` advance around Jostedalbreen, south central Norway? *NGF Abstracts and Proceedings of the Geological Society of Norway, 1: 27-28.*

Fredin, O., Burki, V., Hansen, L., Goodfellow, B., Seguinot, J., Larsen, E. & A.A. Beylich (2010): Topographic relief production from a surface process perspective; a matter of differential erosion rates. *29th Nordic Geological Winter Meeting, Oslo, January 11-13 2010. NGF Abstracts and Proceedings, 1: 48-49.*

Fredin, O., Larsen, E., Lyså, A., Beylich, A.A., Burki, V., Nesje, A., Derron, M.-H., Eilertsen, R. & J.-F. Tønnesen (2008): Sediment budget, processes and landscape evolution in Nordfjord, western Norway. *Geophysical Research Abstracts, Vol. 10, EGU2008-A-08464, 2008.*

Fredin, O., Larsen, E., Lyså, A., Hansen, L., Beylich, A.A., Burki, V., Nesje, A., Derron, M.-H., Eilertsen, R. & J.-F. Tønnesen (2007): SEDITRANS – a Norwegian fjord valley system; sediment budget, processes and landscape development. *NGU Report*, **2007.052**: 33.

Gintz, D., Beylich, A.A., Zippel, B. & K. Laute (2008): Detection of stable and mobile channel units using biofilm analysis in cold environments. *Geophysical Research Abstracts*. Vol. **10**, EGU2008-A-03877, 2008.

Gintz, D., Beylich, A.A., Zippel, B. & K. Laute (2008): Using biofilm analysis in steep bedload mountain streams for detection of stable and mobile channel units – a new approach for analysis of bedload transport. *33rd International Geological Congress 2008, Oslo, Norway*, Abstracts.

Gudowicz, J., Beylich, A.A. & Z. Zwolinski (Eds.) (2018): Book of Abstracts. *1st Workshop of the IAG/AIG Working Group DENUCHANGE: Denudation and Environmental Changes in Different Morphoclimatic Zones. Storkowo-Szczecinek (Poland), September 25-27, 2018*. 49pp.

Gundersen, P., Aagaard, P., Beylich, A.A., Dagestad, A., de Beer, J., Fleig, A., French, H.K., Ganerød, G., Gaut, S., Klempe, H., Skoglund, R.Ø., Sæther, O.M., Tuttle, K.J. & T. Wang (2015): 24. Seminar om hydrogeology og miljø: Sammendrag fra Workshop. *NGU Rapport 2015.023*.

Hansen, L., Beylich, A.A., Burki, V., Eilertsen, R., Fredin, O., Larsen, E., Lyså, A., Nesje, A. & J.-F. Tønnesen (2008): Stratigraphic architecture and infill history of a (de)glaciated bedrock-valley in Stryn, western Norway. *33rd international Geological Congress 2008, Oslo, Norway*. Abstracts.

Hansen, L., Beylich, A.A., Burki, V., Eilertsen, R., Fredin, O., Larsen, E., Lyså, A., Nesje, A., Stalsberg, K. & J.-F. Tønnesen (2009): Stratigraphic architecture and infill history of a deglaciated bedrock valley based on georadar, seismic profiling and drilling. *Sedimentology*, **56**: 1751-1773.

Hansen, L., Liermann, S., Laute, K. & A.A. Beylich (2011): Volume estimation of the Bødalén delta, western Norway – a first outline. *Geophysical Research Abstracts* **13**, EGU2011-13795, 2011.

Hansen, L., Waldmann, N., Ariztegui, D., Chapron, E., Eilertsen, R., Liermann, S., Laute, K. & A.A. Beylich (2010): Radar structure of a Gilbert-type delta affected by rock-slope failure, Bødalén, Western Norway. *18th International Sedimentology Congress, Mendoza, Argentina, September 26th-October 1st*, Abstracts.

Hilger, L. & A.A. Beylich (2019): Sediment budgets in high-mountain areas: Review and challenges. In: Heckmann, T. & D. Morche (Eds.), *Geomorphology of proglacial systems – Landform and sediment dynamics in recently deglaciated alpine landscapes*. Springer, pp. 251-269.

Kerguillec, R., Sellier, D. & A.A. Beylich (2015): An example of a periglacial recovery: The slope of Sletthøi (Dovrefjell, central Norway). *Zeitschrift für Geomorphologie N.F.*, **59**(2): 173-196.

Ketzler, G., Römer, W. & A.A. Beylich (in press): The climate of Norway. In: Beylich, A.A. (Ed.), *Landscapes and landforms of Norway*. Springer.

Kleemann, D., Beylich, A.A., Zippel, B. & D. Gintz (2009): Biofilm analysis in cold environments: Usage of biofilm for detecting mobile or stabile river channels. *NGU Report 2009.050*: 25.

Kneisel, Ch., Sæmundsson, Þ. & A.A. Beylich (2006): Permafrost environments in central Iceland. *Geophysical Research Abstracts*, **8**: 04226.

Kneisel, Ch., Sæmundsson, Þ. & A.A. Beylich (2007): Reconnaissance surveys of contemporary permafrost environments in central Iceland using geoelectrical methods: implications for permafrost degradation and sediment fluxes. *Geografiska Annaler*, **89** A (1): 41-50.

Lamoureux, S.F., Beylich, A.A. & A. Decaulne (2007): Sediment Fluxes and Budgets in Changing High-Latitude and High-Altitude Cold Environments. Sediment Budgets in Cold Environments (SEDIBUD) Second Workshop; Abisko, Sweden, 15-19 September 2007. *EOS, Volume 88 (52), 25 December 2007*: 580.

Lamoureux, S.F., Decaulne, A. & A.A. Beylich (2008): SEDIBUD Test Sites: Fact Sheets. 1st Edition, June 2008. ID 3111308, www.lulu.com.

Lantuit, H., Beylich, A.A. & S.F. Lamoureux (2007): Sediment budgets in coastal settings: On the necessity to create a common framework for SEDIBUD and ACCO / Net activities during the International Polar Year (IPY). *NGU Report, 2007.052*: 41.

Lantuit, H., Beylich, A.A. & S.F. Lamoureux (2007): Chapter 5 – Integration and synthesis of cold environment sediment flux data. *NGU Report, 2007.053*: 101-116.

Larsen, E., Beylich, A.A., Bonow, J., Derron, M.-H., Fredin, O., Hättestrand, C., Jansson, K., Kleman, J., Knies, J., Lidmar-Bergström, K., Stalsberg, K. & A. Stroeven (2006): Relief production in glaciated regions: a case study of the Norwegian Atlantic margin. 1st TOPONORGE WORKSHOP, Geological Survey of Norway (NGU), Trondheim, 6.-7. March, 2006: 22.

Laute, K. & A.A. Beylich (2010): Characteristics of floodplain deposits within a braided sandur system in upper Erdalen (Nordfjord, western Norway). *Geografiska Annaler*, **92 A (2)**: 211-223.

Laute, K. & A.A. Beylich (2010): Geomorphic (de-) coupling of hillslope and channel systems within headwater catchments in two subarctic tributary valleys, Nordfjord, Western Norway. *Geophysical Research Abstracts*, Vol. **12**, EGU2010-1321, 2010.

Laute, K. & A.A. Beylich (2010): Geomorphic influences of the Little Ice Age glacial advance on selected hillslope systems in Nordfjord, Western Norway (Erdalen and Bødalen valleys). *Geophysical Research Abstracts*, Vol. **12**, EGU2010-1320, 2010.

Laute, K. & A.A. Beylich (2010): Influences of the Little Ice Age glacier advance on hillslope development in the headwater areas of two tributary valleys of the Nordfjord, Western Norway. *NNV-2010-007*, September 2010: 32-33.

Laute, K. & A.A. Beylich (2011): Holocene hillslope development in paraglacial tributary valleys in Nordfjord, western Norway. *Geophysical Research Abstracts* 13, EGU2011-182, 2011.

Laute, K. & A.A. Beylich (2012): Holocene hillslope processes and deposits in two U-shaped mountain valleys in western Norway. *Geophysical Research Abstracts*, Vol. **14**, EGU2012.

Laute, K. & A.A. Beylich (2012): Postglacial trends of hillslope development in two glacially formed mountain valleys in western Norway. *Geophysical Research Abstracts*, Vol. **14**, EGU2012.

Laute, K., Beylich, A.A. & L. Hansen (2009): Sub-recent erosion and sedimentation within a paraglacial valley system in western Norway (Erdalen, Nordfjord). *NGF Abstracts and Proceedings, no. 1*: 62-63.

Laute, K., Beylich, A.A. & L. Hansen (2009): Sub-recent erosion and sedimentation within a paraglacial tributary catchment of the Nordfjorden valley-fjord system (Erdalen, western Norway). *Geophysical Research Abstracts*, Vol. **11**, EGU2009-1439, 2009.

Laute, K., Beylich, A.A. & L. Hansen (2011): Late Holocene hillslope dynamics in two paraglacial valley systems, western Norway. *Geophysical Research Abstracts* **13**, EGU2011-181, 2011.

Laute, K., Beylich, A.A. & T. Oppikofer (2013): Effects of ongoing glacier retreat on steep valley-side drift slopes in the upper Bødalen valley, western Norway. *Geophysical Research Abstracts*, Vol. **15**, EGU2013-3892, 2013.

Laute, K. & A.A. Beylich (2011): Influences of the Little Ice Age glacial advance on hillslope morphometry in valley systems around the Jostedalsgreen ice field (western Norway). *Sixth SEDIBUD Workshop, Zakopane, Poland. Abstracts Volume: 37-38.*

Laute, K. & A.A. Beylich (2011): Morphometric influences of the Little Ice Age glacial advance on hillslope systems within tributary valleys around the Jostedalsgreen ice field (Western Norway). *7th TOPO-EUROPE Workshop, Davos, Switzerland, 6-9 October 2011. Abstracts.*

Laute, K. & A.A. Beylich (2012): Influences of the Little Ice Age glacier advance on hillslope morphometry and development in paraglacial valley systems around the Jostedalsgreen ice cap in Western Norway. *Geomorphology, 167-168: 51-69.*

Laute, K. & A.A. Beylich (2012): Holocene hillslope development in two glacially formed mountain valleys in western Norway. *BSG Annual Conference 2012, Nottingham, UK, Abstracts: 31.*

Laute, K. & A.A. Beylich (2012): Morphometric controls on snow avalanche distribution and activity at hillslopes in steep mountain valleys in western Norway. *NGF Abstracts and Proceedings of the Geological Society of Norway, 1: 65-66.*

Laute, K. & A.A. Beylich (2013): Holocene hillslope development in glacially formed valley systems in Nordfjord, western Norway. *Geomorphology, 188: 12-30.*

Laute, K. & A.A. Beylich (2013): Contemporary hillslope processes sediment budgets in two glacier-connected drainage basins in western Norway. *8th IAG International Conference on Geomorphology, Paris, 27-31 August, 2013. Abstracts.*

Laute, K. & A.A. Beylich (2013): Controls of snow avalanche distribution and geomorphic avalanche activity at hillslopes in steep mountain valleys in western Norway. *8th IAG International Conference on Geomorphology, Paris, 27-31 August 2013. Abstracts.*

Laute, K. & A.A. Beylich (2013): Morphometric and meteorological controls of snow avalanche distribution and activity at hillslopes in steep mountain valleys in western Norway. *Geophysical Research Abstracts, Vol. 15, EGU2013-2031, 2013.*

Laute, K. & A.A. Beylich (2013): Contemporary hillslope processes sediment budgets in two parabolic-shaped and glacier-fed valley systems in western Norway. *Geophysical Research Abstracts, Vol. 15, EGU2013-2035, 2013.*

Laute, K. & A.A. Beylich (2014): Morphometric and meteorological controls on recent snow avalanche distribution and activity at hillslopes in steep mountain valleys in western Norway. *Geomorphology, 218: 16-34.*

Laute, K. & A.A. Beylich (2013): Holocene to contemporary denudational processes and relief development in the mountainous fjord landscapes in western Norway. *AGU 2013 Fall Meeting. Abstracts.*

Laute, K. & A.A. Beylich (2014): Controls and geomorphic effects of a high-magnitude/low-frequency snow avalanche event in the proglacial area of the Bødalsbreen glacier, Nordfjord, western Norway. *Geophysical Research Abstracts*, Vol. **16**, EGU2014-2686, 2014.

Laute, K. & A.A. Beylich (2014): Denudational surface processes and trends of relief development in mountain valleys in western Norway. *Geophysical Research Abstracts*, Vol. **16**, EGU2014-2665, 2014.

Laute, K. & A.A. Beylich (2014): Environmental controls, rates and sedimentary mass transfers of contemporary slope processes in the headwater areas of two mountain valleys in western Norway. *Geophysical Research Abstracts*, Vol. **16**, EGU2014-2671, 2014.

Laute, K. & A.A. Beylich (2014): Environmental controls, rates and mass transfers of contemporary hillslope processes in the headwaters of two glacier-connected drainage basins in western Norway. *Geomorphology*, **216**: 93-113.

Laute, K. & A.A. Beylich (2014): Controls and geomorphic importance of an extreme snow avalanche event (Bødalen). *8th SEDIBUD Workshop, Zugspitze / Bavaria, 1-4 September 2014. Abstracts.*

Laute, K. & A.A. Beylich (2014): Sediment delivery from headwater slope systems and relief development in mountain valleys in western Norway. *8th SEDIBUD Workshop, Zugspitze / Bavaria, 1-4 September 2014. Abstracts.*

Laute, K. & A.A. Beylich (2014): Environmental controls and geomorphic importance of a high-magnitude / low-frequency snow avalanche event in Bødalen, Nordfjord, western Norway. *Geografiska Annaler*, **96A** (4): 465-484.

Laute, K. & A.A. Beylich (2015): Environmental controls and geomorphic importance of an extreme snow avalanche event in a steep mountain catchment (Bødalen) in the inner Nordfjord in western Norway. *Geophysical Research Abstracts*, Vol. **17**, EGU2015-1192, 2015.

Laute, K. & A.A. Beylich (2016): Possible effects of ongoing and predicted climate change on snow avalanche activity in western Norway. *Geophysical Research Abstracts*, Vol. **18**, EGU2016-11683, 2016.

Laute, K. & A.A. Beylich (2016): Sediment delivery from headwater slope systems and relief development in steep mountain valleys in western Norway. In: Beylich, A.A., Dixon, J.C. & Z. Zwolinski (Eds.), *Source-to-Sink Fluxes in Cold Environments*. Cambridge University Press, Cambridge, pp. 293-312.

Laute, K. & A.A. Beylich (2016): Potential effects of climate change on snow avalanche activity in western Norway. *Proceedings of the 10th I.A.G. / A.I.G. SEDIBUD (Sediment Budgets in Cold Environments) Workshop, 7-10 September 2016: Monitoring of geomorphological processes in cold environments under climate change. Bansko, Bulgaria, 30-31.*

Laute, K. & A.A. Beylich (2017): Recent and potential future effects of climate change on snow-avalanche activity in western Norway. *Geophysical Research Abstracts*, Vol. **19**, EGU2017-3713, 2017.

Laute, K. & A.A. Beylich (2017): Potential effects of climate change on future snow avalanche activity in western Norway deduced from meteorological data. *Proceedings of the 11th Workshop of the IAG/AIG SEDIBUD (Sediment Budgets in Cold Environments) Working Group: Relationships between climate change, vegetation cover and sediment fluxes in high-latitude/high-altitude cold environments. September 5-8, 2017. Bara, Romania, 24-25.*

Laute, K. & A.A. Beylich (2018): Potential effects of climate change on future snow-avalanche activity in western Norway deduced from meteorological data. *Geografiska Annaler*, **100A** (2): 163-184. <http://dx.doi.org/10.1080/04353676.2018.1425622>.

Laute, K. & A.A. Beylich (2018): Potential geomorphic and denudational effects of a changing snow-avalanche activity in western Norway. *1st Workshop of the I.A.G./A.I.G. Working Group DENUCHANGE: Denudation and Environmental Changes in Different Morphoclimatic Zones. Storkowo-Szczecinek, Poland, September 25-27, 2018. Book of Abstracts: 15-16.*

Laute, K. & A.A. Beylich (2019): Drivers of rockwall retreat and denudational hillslope processes in two selected cold climate and Mediterranean mountain environments. *Geophysical Research Abstracts*, Vol. **21**, EGU2019-4315, 2019.

Laute, K. & A.A. Beylich (2019): Potential effects of recent glacier changes and the formation of new proglacial lakes on sediment delivery and sediment yields at the Jostedalsgreen ice cap in south-western Norway. *GFL Geomorphological Field Laboratory Publication Series*, Number **1**, September 2019: 18-19.

Laute, K. & A.A. Beylich (2019): Denudational hillslope processes in selected mountain environments in western Norway and eastern Spain. *GFL Geomorphological Field Laboratory Publication Series*, Number **1**, September 2019: 20-21.

Laute, K. & A.A. Beylich (2020): The formation of new glacial lakes at the Jostedalbreen ice cap in southwest Norway and their future implications. *Geophysical Research Abstracts*, Vol. **22**, EGU2020-5012, 2020.

Laute, K. & A.A. Beylich (in press): Recent glacier changes and formation of new proglacial lakes at the Jostedalbreen ice cap in southwest Norway. In: Beylich, A.A. (Ed.), *Landscapes and landforms of Norway*. Springer.

Laute, K., Beylich, A.A., Gaspar, L., Lizaga, I. & A. Navas (2018): What the fingerprinting method reveals about main contributing soil and glacial deposits to sediment supply in a glacier-fed tributary valley (Bødalen, Norway). *Geophysical Research Abstracts* **20**, EGU2018-6934, 2018.

Laute, K., Beylich, A.A., Hansen, L. & G. Vatne (2010): Postglacial hillslope development in paraglacial tributary catchments (ESF-NFR SedyMONT-Norway Project, SedyMONT, TOPO-EUROPE). *Geophysical Research Abstracts*, Vol. **12**, EGU2010-2734, 2010.

Laute, K., Beylich, A.A., Hansen, L. & G. Vatne (2010): Postglacial hillslope development and Holocene to contemporary slope denudation and sediment storage in two paraglacial tributary catchments in Nordfjord, western Norway (Erdalen & Bødalen valleys). *NGF Abstracts and Proceedings of the Geological Society of Norway*, **3**: 59-61.

Laute, K., Beylich, A.A., Vatne, G. & L. Hansen (2009): Subrecent erosion and sediment storage quantification within two paraglacial tributary catchments in Nordfjord, western Norway. *7th International Conference on Geomorphology (ANZIAG). Ancient Landscapes – Modern Perspectives. Conference Abstracts*.

Laute, K., Beylich, A.A., Vatne, G. & L. Hansen (2009): Hillslope processes and their variation over time within two tributary catchments in Nordfjord, western Norway. *NGU Report 2009.050*: 27.

Laute, K., Beylich, A.A., Hansen, L. & K.-H. Schmidt (2008): Investigations on sub-recent sedimentation and erosion rates within a braided sandur system in Erdalen (Nordfjord, western Norway). *NGU Report*, **2008.058**: 28.

Laute, K., Beylich, A.A. & S. Winkler (2015): Developing a postglacial rockfall chronology in the mountainous fjord landscape of western Norway. *Geophysical Research Abstracts*, Vol. **17**, EGU2015-1194, 2015.

Laute, K., Beylich, A.A. & S. Winkler (2015): Reconstruction of postglacial rockfall/rock-slope failure activity in the mountainous fjord landscape of western Norway. *Proceedings of the 9th I.A.G./A.I.G. SEDIBUD (Sediment Budgets in Cold Environments) Workshop "Sediment Dynamics in Cold Climate Environments"*, Kaunertal, Tyrol/ Austria. September 7-10, 2015. pp. 21-22.

Laute, K., Beylich, A.A. & S. Winkler (2016): Timing and distribution of postglacial rockfalls in western Norway. *Geophysical Research Abstracts* Vol. **18**, EGU2016-4300, 2016.

Laute, K., Beylich, A.A. & S. Winkler (2017): Analysis of the spatio-temporal variability of postglacial rockfall activity in western Norway. *9th International Conference on Geomorphology (ICG 2017)*. New Delhi, India. Abstracts Volume: 382.

Laute, K., Decaulne, A. & A.A. Beylich (2010): Using dendrogeomorphology and dendrochronology to assess the activity of different hillslope processes in two subarctic tributary valleys, Nordfjord, Western Norway. *Proceedings of the International Conference "Trees & Dynamics"*, November 15-19, 2010, Clermont-Ferrand, France. Abstract Volume: 72.

Laute, K., Gintz, D. & A.A. Beylich (2017): SEDIBUD Key Test Site Database. Available online at: <http://www.geomorph.org/sedibud-working-group/> (November 2017).

Laute, K., Navas, A. & A.A. Beylich (Eds.) (in preparation): Denudational processes and landscape responses to global environmental changes. *Geomorphology, Special Issue*.

Liermann, S. & A.A. Beylich (2011): Holocene to contemporary fluvial sediment fluxes and budgets of two glacier-fed valley-fjord systems in the Nordfjord area, western Norway. *Geophysical Research Abstracts* 13, EGU2011-4874, 2011.

Liermann, S. & A.A. Beylich (2012): Contemporary suspended sediment fluxes and accumulation processes in the small proglacial Sætrevatnet sub-catchment, Bødalen, Western Norway. *Geophysical Research Abstracts*, Vol. **14**, EGU2012.

Liermann, S. & A.A. Beylich (2012): Temporal variability of contemporary sedimentary fluxes and sedimentation rates in the Sætrevatnet proglacial lake, upper Bødalen, western Norway. *NGF Abstracts and Proceedings of the Geological Society of Norway*, **1**: 67-68.

Liermann, S., Beylich, A.A. & L. Hansen (2012): Holocene to contemporary fluvial sediment fluxes and budgets of two glacier-fed valley-fjord systems in the Nordfjord area, western Norway. *Geophysical Research Abstracts*, Vol. **14**, EGU2012.

Liermann, S., Beylich, A.A., Rubensdotter, L. & L. Hansen (2010): Holocene to contemporary fluvial sediment budgets in small glacier-fed valley-fjord systems (ESF-NFR SedyMONT-Norway Project, SedyMONT, TOPO-EUROPE). *Geophysical Research Abstracts*, Vol. 12, EGU2010-2820-1, 2010.

Liermann, A.A., Beylich, A.A., Rubensdotter, L. & L. Hansen (2010): Holocene to contemporary fluvial sediment budgets in small glacier-fed valley-fjord systems (ESF-NFR SedyMONT – Norway Project, SedyMONT, TOPO-EUROPE). 6th TOPO-EUROPE Conference, Hønefoss, Norway, Abstracts.

Liermann, S., Beylich, A.A. & A. van Welden (2011): Contemporary sedimentary processes and suspended sediment transfer in the limited sub-catchment Sætrevatnet in Bødalen, western Norway. *Geophysical Research Abstracts* 13, EGU2011-4989, 2011.

Liermann, S., Beylich, A.A. & A. van Welden (2012): Contemporary suspended sediment transfer and accumulation processes in the small proglacial Sætrevatnet sub-catchment, Bødalen, western Norway. *Geomorphology*, 167-168: 91-101.

Liermann, S., Beylich, A.A., van Welden, A. & S. Lamoureux (2011): Variability of contemporary sediment transfer and sedimentation rates in a small proglacial sub-catchment, Nordfjord area, western Norway. 7th TOPO-EUROPE Workshop, Davos, Switzerland, 6-9 October 2011. Abstracts.

Liermann, S., Beylich, A.A., van Welden, A., Lamoureux, S. & T. Andersen (2011): Contemporary suspended sediment transfer and sediment process variability of the small proglacial Sætrevatnet segment, Bødalen, western Norway. *Sixth I.A.G. / A.I.G. SEDIBUD Workshop, Zakopane, Poland, September 3-11, 2011. Abstract Volume: 39.*

Liermann, S., Beylich, A.A., van Welden, A., Lamoureux, S.F. & L. Rubensdotter (2010): Variability of recent sedimentary processes in lake Sætrevatnet in Bødalen, western Norway. *NGF Abstracts and Proceedings of the Geological Society of Norway*, 3: 62-63.

Liermann, S., Beylich, A.A., van Welden, A., Lamoureux, S.F. & L. Rubensdotter (2010): Variability of contemporary sedimentation rates in a small proglacial lake, Nordfjord area, Western Norway. *NNV-2010-007*, September 2010: 34.

Liermann, S., Beylich, A.A., Vatne, G., Rubensdotter, L. & L. Hansen (2009): Quantitative analysis of Holocene to contemporary fluvial sediment fluxes and sediment deposition / storage within two glacier-fed tributary catchments in the Nordfjord region, western Norway. *NGU Report 2009.050*: 29.

Liermann, S., Rubensdotter, L. & A.A. Beylich (2010): Variability of contemporary sediment delivery rates within the glacier-fed valley Bødalen in western Norway based on sediment analysis. *Geophysical Research Abstracts*, Vol. **12**, EGU2010-4970, 2010.

Lopez, T., Beylich, A.A. & W. Schenk (2007): Assessment and impact of cultural landscape in a U-shaped valley system in western Norway (Erdalen / Nordfjord). *NGU Report*, **2007.052**: 42.

Morche, D., Beylich, A.A. & S. Kraushaar (2016): Report of the 9th SEDIBUD workshop Sediment Dynamics in Cold Climate Environments, Gepatschhaus, Kaunertal, Tyrol/Austria, September 7-10, 2015. *IAG/AIG Newsletter No. 32 (1/2016)*, 9-10.

Morche, D., Beylich, A.A. & M. Krautblatter (2014): 8th SEDIBUD workshop "Sediment Cascades in Cold Climate Geosystems". Environmental Research Station "Schneefernerhaus", Zugspitze/Reintal, Bavaria, Germany, 1-4 September 2014. *IAG/AIG Newsletter No. 30 (4/2014)*.

Morche, D., Beylich, A.A. & M. Krautblatter (Eds.) (2017): Sediment cascades in cold climate geosystems. *Geomorphology*, **287**.

Morche, D., Krautblatter, M. & A.A. Beylich (2017): Editorial. Special Issue "Sediment cascades in cold climate geosystems". *Geomorphology*, **287**: 1-2.

Morche, D., Kraushaar, S. & A.A. Beylich (Eds.) (2015): Proceedings of the 9th I.A.G. / A.I.G. SEDIBUD (Sediment Budgets in Cold Environments) Workshop "Sediment Dynamics in Cold Climate Environments", Kaunertal, Tyrol/Austria, September 7-10, 2015. 36pp. <http://www.geomorph.org/sedibud-working-group/>

Morche, D., Krautblatter, M., Beylich, A.A. & T. Heckmann (Eds.) (2014): Proceedings of the 8th I.A.G./A.I.G. working group SEDIBUD (Sediment Budgets in Cold Environments) Workshop "Sediment Cascades in Cold Climate Geosystems". Zugspitze/Reintal, Bavaria/Germany, September 1-3/4, 2014. <http://www.geomorph.org/sedibud-working-group/>

Navas, A., Laute, K., Beylich, A.A. & L. Gaspar (2013): Variations of soil profile characteristics due to varying time spans since ice retreat in the inner Nordfjord, western Norway. *Geophysical Research Abstracts*, Vol. **15**, EGU2013-2800-1, 2013.

Navas, A., Laute, K., Beylich, A.A. & L. Gaspar (2014): Variations of soil profile characteristics due to varying time spans since ice retreat in the inner Nordfjord, western Norway. *Solid Earth*, **5**: 485-498.

Orwin, J.F., Lamoureux, S.F., Warburton, J. & A.A. Beylich (2010): A framework for characterizing fluvial sediment fluxes from source to sink in cold environments. *Geografiska Annaler*, **92 A (2)**: 155-176.

Pop, O. & A.A. Beylich (2017): Workshop Report: The 11th Workshop of the I.A.G./A.I.G. SEDIBUD (SEDiment BUDgets in Cold Environments) Working Group "Relationships between climate change, vegetation cover and sediment fluxes in high latitude/ high altitude cold environments". Research Station of the Babeş-Bolyai University, Baru (Hunedoara County, Romania), September 5-8, 2017.
<http://www.geomorph.org/sedibud-working-group/>

Rachlewicz, G., Beylich, A.A. & Z. Zwolinski (Eds.) (2011): Sedimentary fluxes dynamics in the changing mountain and polar environment – monitoring, record & consequences. *Working Group on Sediment Budgets in Cold Environments SEDIBUD 6th Workshop, Zakopane – Poland, 3-11 September 2011*. Abstract Volume. 120pp.

Ridefelt, H., Åkerman, J., Beylich, A.A., Boelhouwers, J., Kolstrup, E. & R. Nyberg (2009): 56 years of solifluction measurements in the Abisko Mountains, northern Sweden – analysis of temporal and spatial variations of slow soil surface movement. *Geografiska Annaler* **A91(3)**: 215-232.

Sandberg, O. & A.A. Beylich (2004): Intensity of denudative slope processes in arctic-oceanic Latnjavagge, northernmost Swedish Lapland. *Geophysical Research Abstracts*, **6**, 05935, 2004.

Sandberg, O. & A.A. Beylich (2004): Analysing denudative slope processes by combining process measurements with mapping and dating techniques and a GIS based integration of biological and geomorphological data – first results from Latnjavagge, Swedish Lapland. *Náttúrustofa Norðurlands vestra*. NNV-2004-003. June 2004, 52-53.

Storms, J.E.A., Beylich, A.A., Hansen, L. & N. Waldmann (2019): Reconstruction of a Holocene fjord-infill: Depositional patterns, suspended sediment yields, wind-induced circulation patterns and trapping efficiency for Strynevatnet, inner Nordfjord, Norway. *34th IAS Meeting of Sedimentology, 10-13 September 2019, Rome, Italy*. Abstracts.

Storms, J.E.A., Beylich, A.A., Hansen, L. & N. Waldmann (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*, 2020;00:1-15.
<https://doi.org/10.1002/dep2.101>

Storms, J.E.A., Schoenmakers, M., Hansen, L., Waldmann, N. & A.A. Beylich (2016): Understanding glacier-induced wind-driven circulation patterns in Strynevatnet Fjord (Norway) and their implications for fjord-infill patterns. *Second Conference on Forward Modelling of Sedimentary Systems 25-28 April 2016, Trondheim, Norway*. Extended Abstracts.

Sæmundsson, Þ., Decaulne, A. & A.A. Beylich (Eds.) (2010): Qualitative and quantitative analysis of sedimentary fluxes and budgets in changing cold climate environments: Field-based approaches and monitoring. 5th I.A.G./A.I.G. SEDIBUD Workshop Sediment Budgets in Cold Environments, Saudarkrokur, Iceland, September 19th – 25th, 2010. Extended abstract contributions. *NNV-2010-007*, September 2010. 58pp.

Sæmundsson, Þ., Pétursson, H.G., Kneisel, C. & A.A. Beylich (2007): Monitoring of the Tjarnardalur landslide, in central North Iceland. In: *Proceedings of the First North America Landslide Conference, Vail, Colorado, USA, June 3-9, 2007*: 1029-1040.

Sæther, O.M., Beylich, A.A. & G. Åberg (2007): Strontium isotope systematics in the Oppstryn drainage basin, western Norway. *Landform Analysis*, Vol. **5**: 71.

Sæther, O.M., Beylich, A.A. & G. Åberg (2007): Strontium isotope systematics in the Oppstryn drainage basin, western Norway. *NGU Report*, **2007.052**: 50.

Sæther, O.M., Beylich, A.A. & G. Åberg (2009): Strontium isotope systematics and the age of melting ice in the Oppstryn drainage basin, western Norway. *Norsk Geografisk Tidsskrift – Norwegian Journal of Geography (Research Note)*, **63(2)**: 132-134.

Tweed, F.S., Russell, A.J., Warburton, J. & A.A. Beylich (2007): Chapter 1 – Introduction and background: Sediment fluxes and sediment budgets in changing cold environments – a summary of key issues. *NGU Report*, **2007.053**: 19-36.

Vatne, G. & A.A. Beylich (2008): Human induced scour pools in the river Gaula, Central Norway. *NGU Report*, **2008.058**: 35.

Vatne, G., Beylich, A.A., Fjelstad, K., Johnsen, M., Krogstad, T.S., Gullaksen, O. & S. Østgård (2008): Scour hollows in the lower parts of the river Gaula, Central Norway. *Geophysical Research Abstracts*. Vol. **10**, EGU2008-A-06886, 2008.

Vatne, G., Beylich, A.A., Fjelstad, K. & T.S. Krogstad (2008): Deep river scours – a potential quick-clay slide trigger mechanism induced by human activity. 33rd International Geological Congress, Oslo 2008. Abstracts.

Vatne, G., Naas, Ø.T., Beylich, A.A. & I. Berthling (2006): Bed load transport in a steep mountain stream, Vinstradalen, Norway. *NGF Abstracts and Proceedings of the Geological Society of Norway*, **4**: 69.

Vatne, G. Naas, Ø.T., Beylich, A.A. & I. Berthling (2006): Bed load transport in a steep mountain stream, Vinstradalen, Norway. *NGU Report 2006.069*: 69.

Vatne, G., Naas, Ø.T., Skarholen, T., Beylich, A.A. & I. Berthling (2008): Bed load transport in a steep snowmelt-dominated mountain stream as inferred from impact sensors. *Norwegian Journal of Geography-Norsk Geografisk Tidsskrift, special issue 62(2)*: 66-74.

Wache, S. & A.A. Beylich (2006): Investigations on the dynamics and sediment budget of a braided river system in Erdalen, Nordfjord, Western Norway. *NGF Abstracts and Proceedings of the Geological Society of Norway*, **4**: 70.

Wache, S. & A.A. Beylich (2006): Investigations on the dynamics and sediment budget of a braided river system in Erdalen, Nordfjord, Western Norway. *NGU Report 2006.069*: 70.

Warburton, J., Beylich, A.A., Etienne, S., Etzelmüller, B., Gordeev, V.V., Käyhkö, J., Lantuit, H., Russell, A.J., Schmidt, K.-H., Sæmundsson, P. & F.S. Tweed (2007): Sediment budgets and rates of sediment transfer across cold environments in Europe: introduction and background to the European Science Foundation network `Sedimentary source-to-sink fluxes in cold environments` (SEDIFLUX). *Geografiska Annaler*, **89 A (1)**: 1-3.

Popular science publications and online reports (selection):

Ser etter løsning i løsmasser: *forskning.no* (05.mars 2009)

Undersøker løsmasser i kalde daler: *forskning.no* (08. september 2012)

Kartlegger naturlig transport av løsmasser: *ngu.no, Aktuelt* (02. mars 2009)

Gransker vinteren i norske daler: *ngu.no, Aktuelt* (15. mars 2010)

Undersøker løsmasser i kalde daler: *ngu.no, Aktuelt* (06. september 2012)

Argusblick på masserørsler: *Forskerforum 8* (2009): Side 24-26

APECS Working Group on Sediment Budgets in Cold Environments Virtual Poster Session: Invited Speaker (presenting the I.A.G. / A.I.G. SEDIBUD Programme and ongoing research in Nordfjord, western Norway (ESF-NFR SedyMONT-Norway)) (March 24, 2011, 18:00 GMT) (<http://www.apecs.is>)