# List of publications

**Peer-reviewed publications:**

***2025***

Laute, K., Beylich, A.A., 2025. Relating ten years of rock temperature monitoring to rockwall weathering processes in steep mountain valleys in western Norway. *Geomorphology* 468. DOI.

Laute, K., Beylich, A.A., 2025. A global perspective on climatic and anthropogenic impacts on slope mass movements. In: Beylich, A.A., Vázquez Tarrío, D., Li, D., Oliva, M., Morellón Marteles, M. (Eds.), Climate and Anthropogenic Impacts on Earth Surface Processes in the Anthropocene. *Elsevier*, 155-175. DOI.

***2024***

Winkler, S., Beylich, A.A., Laute, K., Matthews, J.A., Mourne, R.W. & Wilson, P., 2024. Implications of an Early Holocene climax in solifluction and related periglacial activity on Juvflye, Jotunheimen (southern Norway), as revealed by Schmidt-hammer exposure-age dating. *Geomorphology* 458. DOI.

***2022***

Cendrero, A., Remondo, J., Beylich, A.A., Cienciala, P., Forte, L.M., Golosov, V.N., Gusarov, A.V., Kijowska-Strugala, M., Laute, K., Li, D., Navas, A., Soldati, M., Vergari, F., Zwoliński, Z., Dixon, J., Knight, J., Nadal-Romero, E., Placzkowska, E., 2022: Denudation and geomorphic change in the Anthropocene; a global overview. *Earth-Science Reviews* 233, 104186. DOI.

***2021***

Beylich, A.A. & Laute, K., 2021. 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*. DOI.

Laute, K. & Beylich, A.A., 2021. Recent glacier changes and formation of new proglacial lakes at the Jostedalsbreen ice cap in southwest Norway. In: Beylich, A.A. (Ed.), Landscapes and Landforms of Norway. *Springer*. DOI.

***2020***

Laute, K., Navas, A. & Beylich, A.A., 2020. Editorial: Denudational processes and landscape responses to global environmental changes. *Geomorphology* 373, 107477. Virtual Special Issue.

***2018***

Beylich, A.A. & Laute, K., 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. Link.

Laute, K. & Beylich, A.A., 2018. Potential effects of climate change on future snow avalanche activity in western Norway deduced from meteorological data. *Geografiska Annaler,* 100A (2): 163-184. DOI.

***2017***

Beylich, A.A. & Laute, K., 2017. Morphoclimatic controls of contemporary chemical and mechanical denudation in a boreal-oceanic drainage basin system in central Norway (Homla drainage basin, Trøndelag). *Geografiska Annaler: Series A, Physical Geography*. DOI.

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

Letortu P., Laute K., Le Dantec N., Augereau E., Ammann J., Prunier C., Hénaff A., David L., Maulpoix A., Cuq V., Jaud M., Le Gall B. & Delacourt C., 2017. Impacts des vagues et de la circulation d'eau sur la microfracturation des falaises rocheuses : mise en place d'un suivi multiparamètre en Bretagne. Monitoring en milieux naturels: retours d'expériences and terrains difficiles. *Collection EDYTEM*, 19. DOI.

***2016***

Beylich, A.A. & Laute, K., 2016. Chemical denudation in partly glacierized mountain catchments of the fjord landscape in western Norway: Contemporay rates, environmental controls and possible effects of climate change. In: Beylich, A.A., Dixon, J.C. & Zwolinski, Z. (Eds.): Source-to-sink-fluxes in undisturbed cold environments. *Cambridge University Press*. Cambridge. DOI.

Laute, K. & Beylich, A.A., 2016. Sediment delivery from headwater slope systems and relief development in steep mountain valleys in western Norway. In: Beylich, A.A., Dixon, J.C. & Zwolinski, Z. (Eds.): Source-to-sink-fluxes in undisturbed cold environments. *Cambridge University Press*. Cambridge. DOI.

***2015***

Beylich, A.A. & Laute, K., 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. DOI.

***2014***

Beylich, A.A. & Laute, K., 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. DOI.

Decaulne, A., Eggertsson, Ó, Laute, K. & Beylich, A.A., 2014. A 100 years extreme snow-avalanche record based on dendrogeomorphic approach in upper Bødalen, inner Nordford, western Norway. *Geomorphology* 218, 3-15. DOI.

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

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

Laute, K. & Beylich, A.A., 2014b. 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. DOI.

Navas, A., Laute, K., Beylich, A.A. & Gaspar, L., 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. DOI.

***2013***

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

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

***2012***

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

Beylich, A.A. & Laute, K., 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. DOI.

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

***2010***

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

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

***2009***

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

Morche, D. & Laute, K., 2009. Investigating channel response to a dambreak flood event in an Alpine river - Downstream trends in stream power and channel bed particle characteristics. *Arctic, Antarctic and Alpine Research,* Special Issue, 41 (2): 69-78. DOI.

**Dissertation:**

Laute, K., 2013. Denudational processes and relief development in mountain valleys in western Norway: A Holocene to contemporary time perspective. Doctoral theses at NTNU, 2013:290, 218 pp. https://ntnuopen.ntnu.no/ntnu-xmlui/handle/11250/236215

**Editorship :**

Beylich, A.A. & Laute, K., (Eds.) 2020. First IAG GeoNorth and IAG GeoNor Conference: Geomorphology and Geomorphological Research in the Nordic Countries, 1-2 October 2020, virtual conference. GFL Geomorphological Field Laboratory Publication Series, Number 2, October 2020. 43 pp. http://geofieldlab.com/gfl-geomorphological-field-laboratory-publication-series/

Beylich, A.A. & Laute, K., (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. http://geofieldlab.com/gfl-geomorphological-field-laboratory-publication-series/

Beylich, A.A. & Laute, K., (Eds.) 2012. 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 modeling. Seventh I.A.G. / A.I.G. SEDIBUD Workshop and SEDIBUD Summer School on Quantitative analysis of geomorphologic processes: Field methods, experimental techniques and modeling. September 10 – 17, 2012, Trondheim and Loen, Norway. *NGF Abstracts and proceedings of the Geological Society of Norway,* 1. 160 pp.

Beylich, A.A. & Laute, K., (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. 115 pp.

Laute, K., Beylich, A.A. & Li, D., (Eds.) 2022. DENUCHANGE Field Test Site Catalogue. GFL Geomorphological Field Laboratory Publication Series, Number 3, February 2022. 52 pp. http://geofieldlab.com/gfl-geomorphological-field-laboratory-publication-series/

Laute, K., Navas, A. & Beylich, A.A., (Eds.) 2020. Denudational processes and landscape responses to global environmental changes. *Geomorphology* (Virtual Special Issue). https://www.sciencedirect.com/journal/geomorphology/special-issue/10P2X98DS2K

Laute, K., Gintz, D. & Beylich, A.A. (Eds.) 2009. SEDIBUD Key Test Site Database. http://www.geomorph.org/sedibud-working-group/

**Oral presentations at conferences and workshops:**

***2026***

Laute, K. & Beylich, A.A., 2026. Global distribution of landslide events as related to environmental and anthropogenic factors. Book of abstracts, *11th IAG International Conference on Geomorphology, Christchurch, New Zealand, 2026.*

***2025***

Laute, K. & Beylich, A.A., 2025. Global distribution of landslide events as a function of climatic and anthropogenic factors. *IAG Regional Conference on Geomorphology, Timisoara, Romania, 2025.* Abstracts.

Laute, K. & Beylich, A.A., 2025. Exploring weathering processes at rockwalls in steep Norwegian mountain valleys based on a ten-year record of rock temperatures. *IAG Regional Conference on Geomorphology, Timisoara, Romania, 2025*. Abstracts.

***2024***

Laute, K. & Beylich, A.A., 2024. First results from ten years of monitoring rockwall temperatures in steep mountain valleys in western Norway. *Fourth IAG DENUCHANGE workshop, Rome, Italy, September 23-26, 2024.* Book of Abstracts.

***2023***

Laute, K. & Beylich, A.A., 2023. Field-based analysis of fluvial bedload transport and its response to climatic changes in the cold-climate and mountainous upper Driva drainage basin in central Norway. *EGU General Assembly 2023, EGU23-4312*.

Laute, K. & Beylich, A.A., 2023. Sediment sources and spatiotemporal variability of fluvial bedload transport in the cold-climate mountain environment of the upper Driva drainage basin in central Norway. *Third IAG DENUCHANGE workshop, Haifa, Israel, March 13-16, 2023.* Book of Abstracts.

***2022***

Laute, K. & Beylich, A.A., 2022. Field-based analysis of sediment sources, spatiotemporal variability and rates of fluvial bedload transport in the cold climate and mountainous upper Driva drainage basin in central Norway. *10th International Conference on Geomorphology 2022, Coimbra, Portugal,* ICG2022-81.

Laute, K. & Beylich, A.A., 2022. Geomorphological implications of the changing glacial environment at the Jostedalsbreen ice cap in southwestern Norway. Invited talk at the second "*Women in Geomorphology*" online workshop, 8 March, *Virtual Workshop.* Abstract volume.

***2021***

Laute, K. & Beylich, A.A., 2021. Recent glacier recession promotes new glacial lake formation and expansion at the Jostedalsbreen ice cap in Norway. 24th Alpine Glaciology Meeting, 25-26 March 2021, *Virtual Conference.* Abstract volume.

***2020***

Laute, K. & Beylich, A.A., 2020. Recent glacier changes and formation of new proglacial lakes at the Jostedalsbreen ice cap in southwest Norway. First IAG GeoNorth and IAG GeoNor Conference: Geomorphology and Geomorphological Research in the Nordic Countries, 1-2 October 2020, *Virtual Conference.*

***2019***

Laute, K. & Beylich, A.A., 2019. Potential effects of recent glacier changes and the formation of new proglacial lakes on sediment delivery and sediment yields at the Jostedalsbreen ice cap in south-western Norway. Second IAG DENUCHANGE workshop, Calpe, Spain, September 12-14, 2019. *GFL Geomorphological Field Laboratory Publication Series*, Number 1, September 2019: 18-19.

***2018***

Laute, K. & Beylich, A.A., 2018. Potential geomorphic and denudational effects of a changing snow-avalanche activity in western Norway.1st I.A.G./A.I.G. DENUCHANGE Workshop, Storkowo-Szczecinek, Poland, September 24-28, 2018. *Abstracts.*

***2017***

Laute K., Letortu P. & Le Dantec N., 2017. Hard rock cliff erosion in Brittany (France): Impact of subaerial and marine agents and processes on rock micro-fracturing. *9th IAG International Conference on Geomorphology 2017*. *New Delhi, India.*

Laute K., Letortu P. & Le Dantec N., 2017. Processes and mechanisms governing hard rock cliff erosion in western Brittany, France. *Workshop MARUM - Géosciences Océan - Ifremer, 02.-03. October 2017, Brest, France.*

Laute, K. & Beylich, A.A., 2017. Potential effects of climate change on future snow avalanche activity in western Norway deduced from meteorological data. 11*th I.A.G./A.I.G. SEDIBUD Workshop, Baru, Romania, September,5-8, 2017. Abstracts.*

***2014***

Laute, K. & Beylich, A.A., 2014. Environmental controls, rates and sedimentary mass transfers of contemporary slope processes in the headwater areas of two mountain valleys in western Norway. Invited talk, Department of Soil and Water, EEAD-CSIC, Zaragoza, Spain, 27 October 2014.

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

Laute, K. & Beylich, A.A., 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 16, EGU2014-2671.*

***2013***

Laute, K. & Beylich, A.A., 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 2013, Paris, France.*

***2012***

Laute, K. & Beylich, A.A., 2012. Holocene hillslope development in two glacially formed mountain valleys in western Norway. *BSG Annual Conference 2012, Nottingham, United Kingdom.*

Laute, K. & Beylich, A.A., 2012. Postglacial trends of hillslope development in two glacially formed mountain valleys in western Norway. *Geophysical Research Abstracts 14, EGU2012-1811.*

***2011***

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

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

***2010***

Laute, K. & Beylich, A.A., 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, Iceland, September 2010: 32-33.

Laute, K. & Beylich, A.A., 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 12, EGU2010-1320, 2010.*

Laute, K., Beylich, A.A., Hansen, L. & Vatne, G., 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.

***2009***

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

***2008***

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

**<u>Other conference and workshop abstracts:</u>**

***2026***

Beylich, A.A. & Laute, K., 2026. Responses of sediment sources and contemporary denudation rates to environmental changes in selected cold-climate drainage basin systems in Norway. Fifth DENUCHANGE Workshop, 5-9 October 2026, Naxos, Greece.

Beylich, A.A. & Laute, K., 2026. Effects of environmental change on the activation of sediment sources in different cold-climate drainage basins in Norway. EGU General Assembly 2026, EGU26-19301.

Beylich, A.A. & Laute, K., 2026. Effects of environmental change on contemporary sediment yields in selected cold-climate environments in Norway. Book of abstracts, 11th IAG International Conference on Geomorphology, Christchurch, New Zealand, 2026.

Beylich, A.A. & Laute, K., 2026. Sediment (dis)connectivity and denudation in Mediterranean drainage basins in eastern Spain. Book of abstracts, 11th IAG International Conference on Geomorphology, Christchurch, New Zealand, 2026.

Laute, K. & Beylich, A.A., 2026. Rockwall weathering and associated rockfall activity in the fjord landscape in western Norway. Fifth DENUCHANGE Workshop, 5-9 October 2026, Naxos, Greece.

Laute, K. & Beylich, A.A., 2026. Short-term trends of rockwall temperatures and potential effects on future rockwall weathering in western Norway. Book of abstracts, 11th IAG International Conference on Geomorphology, Christchurch, New Zealand, 2026.

***2025***

Beylich, A.A. & Laute, K., 2025. Analysis of chemical and mechanical denudation rates in a cold-climate mountain environment in central Norway (upper Driva drainage basin). *IAG Regional Conference on Geomorphology, Timisoara, Romania, 2025*. Abstracts.

Beylich, A.A. & Laute, K., 2025. Natural and human drivers of contemporary denudation in Mediterranean drainage basins in eastern Spain. *IAG Regional Conference on Geomorphology, Timisoara, Romania, 2025.* Abstracts.

***2024***

Beylich, A.A. & Laute, K., 2024. Sediment (dis)connectivity and contemporary rates of chemical and mechanical denudation in selected Mediterranean drainage basin systems in eastern Spain. EGU General Assembly 2024. EGU24-4064.

Beylich, A.A. & Laute, K., 2024. Fluvial denudation and impacts of global warming on solute and sediment dynamics in the upper Driva drainage basin system in central Norway. Fourth DENUCHANGE Workshop, 23-26 September 2024, Rome, Italy. Book of Abstracts: 5.

***2023***

Beylich, A.A. & Laute, K., 2023. Sediment (dis-)connectivity and denudation in three Mediterranean catchment systems in eastern Spain. IAG Regional Conference on Geomorphology, Cappadocia, Turkiye 2023. Abstracts.

Beylich, A.A. & Laute, K., 2023. Environmental drivers, contemporary rates and future trends of denudation in a cold-climate mountainous drainage basin system in central Norway (upper Driva, Hjerkinn-Oppdal). IAG Regional Conference on Geomorphology, Cappadocia, Turkiye 2023. Abstracts.

Beylich, A.A. & Laute, K., 2023. Environmental drivers, spatiotemporal variability and future trends of chemical and mechanical denudation in the mountain environment of the upper Driva drainage basin in central Norway. Jahrestagung der Deutschen Gesellschaft für Geomorphologie (DGGM) 2023. 4.-6. Oktober 2023, Aachen, Germany. Conference proceedings: 15.

Beylich, A.A. & Laute, K., 2023. Drivers, contemporary rates and future trends of chemical and mechanical denudation in the cold-climate mountain environment of the upper Driva drainage basin system in central Norway. EGU General Assembly 2023, EGU23-1906.

Beylich, A.A. & Laute, K., 2023. Sediment sources, sediment (dis)connectivity, spatiotemporal variability and future trends of land-to-sea solute and sedimentary fluxes in Mediterranean catchment systems in eastern Spain. Third IAG DENUCHANGE workshop, Haifa, Israel, March 13-16, 2023. *Book of Abstracts.*

Beylich, A.A. & Laute, K., 2023. Drivers and rates of contemporary denudation in the boreal mountain basin of Selbusjøen in central Norway. NGF Abstracts and Proceedings of the Geological Society of Norway, Vol. 1, 9-10.

Laute, K. & Beylich, A.A., 2023. Hillslope denudation under two contrasting climates in selected mountain environments in western Norway and eastern Spain. IAG Regional Conference on Geomorphology. Cappadocia, Turkiye 2023. Abstracts.

***2022***

Beylich, A.A. & Laute, K., 2022. Climate and anthropogenic impacts on denudation and sedimentary source-to-sink fluxes in the boreal mountain basin of lake Selbusjøen in central Norway. 10th International Conference on Geomorphology 2022, Coimbra, Portugal, ICG2022-46.

Beylich, A.A. & Laute, K., 2022. Environmental controls and spatiotemporal variability of contemporary chemical and mechanical denudation in the cold climate mountain environment of the upper Driva drainage basin in central Norway. 10th International Conference on Geomorphology 2022, Coimbra, Portugal, ICG2022-48.

Beylich, A.A. & Laute, K., 2022. Sediment sources, sediment dis-connectivity and rates of denudation and land-to-sea solute and sedimentary fluxes in selected Mediterranean catchment systems in eastern Spain. 10th International Conference on Geomorphology 2022, Coimbra, Portugal, ICG2022-49.

Beylich, A.A. & Laute, K., 2022. Contemporary denudation rates in undisturbed and anthropogenically modified surface areas of the boreal mountain basin of a regulated lake system in central Norway. *Geophysical Research Abstracts,* EGU22-1766, 2022.

***2021***

Beylich, A.A. & Laute, K., 2021. Natural and anthropogenic drivers of denudation and sedimentary source-to-sink fluxes in the boreal mountain basin of lake Selbusjøen in central Norway. EGU21-729, 2021.

***2020***

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

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

***2019***

Beylich, A.A. & Laute, K., 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 on Geomorphology. Athens, Greece, 19-21 September 2019. *Abstracts*.

Beylich, A.A. & Laute, K., 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. & Laute, K., 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. & Laute, K., 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.

Laute, K. & Beylich, A.A., 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. & Beylich, A.A., 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.

***2018***

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

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

Laute, K., Beylich, A.A., Gaspar, L., Lizaga, I. & Navas, A., 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*, EGU2018-6934-1, Vienna, Austria.

Laute, K., Letortu, P., Le Dantec, N., Hibert, C., Augereau, E., Provost, F.& Malet, J.-P., 2018. Driving factors of hard rock cliff erosion in Brittany, France. *Geophysical Research Abstracts 20*, EGU2018-9029-1, Vienna, Austria.

***2017***

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

Laute, K., Letortu P., Le Dantec N., 2017. Processes and mechanisms governing hard rock cliff erosion in western Brittany, France. *Geophysical Research Abstracts 19*, EGU2017-3721, Vienna, Austria.

***2016***

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