About the author: Adam Emmer (born in Jablonec nad Nisou, Czechia, in 1989) is physical geographer with specialization in high mountain geomorphology and natural hazard science (PhD at Charles University in Prague in 2017). He has been affiliated with Department of Physical Geography and Geoecology, Charles University in Prague (2013-2020), Global Change Research Institute of the Czech Academy of Sciences (2015-2020) and the Mountain processes and mountain hazards group (Cascade) of the Institute of Geography and Regional Science, University of Graz (2020-present).

In his research, Adam focuses on hazardous consequences of retreating glaciers, mainly glacial lake outburst floods, their characterization and patterns of occurrence in space and time. Research methods-wise, Adam integrates field work, analysis of remotely sensed imageries and documentary data sources. He did most of his work in Peruvian Andes, the Alps and High Asia. Since 2012, he organized and conducted 8 field campaigns in Peru (a total duration of 9 months), semester-long stay at BOKU in Wien (in 2014/2015), semester-long stay at UNU FLORES in Dresden (in 2017), research stay at University Zurich (in 2019), and specialized short-term summer schools in France (2013, 2019), Kyrgyzstan (2014), Taiwan (2015) and Spain (2019). Adam has been involved in teaching activities at Charles University in Prague, University of Natural Resources and Life Sciences (BOKU) in Wien and University of Graz.

Adam has (co-)authored over 40 papers in the WOS-indexed journals since 2013, some of which in the top-ranked ones (Nature, Science), several book chapters as well as popularization papers. During his academic career, Adam has contributed to a number of national as well as international research and applied research projects (Grant Agency of the Czech Republic, LIFE programme, EEA grants, AKTION Czech Republic-Austria, RCUK-CONICYT/FONDECYT). Outreach-wise, Adam has been interviewed by National Geographic, The Guardian, Bloomberg News, Czech Television as well as other media. He was awarded by Hlávka Award for early career scientist in 2018, Outstanding Young Researcher Award (International Consortium on geo-Disaster Reduction) in 2017 and Publons Top Peer Reviewer Award in 2019. To date, Adam has reviewed over two hundread papers, thesis and grant proposals. Adam is member of several professional organizations (e.g. EGU) and working groups (e.g. Remote Sensing of Earth Surface Dynamics (RSESD), Glacier and Permafrost Hazards in Mountains (GAPHAZ), Alpine Research Network of Early carEer Scientists (ARNEES)).

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