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Curriculum Vitae Clemens Hiller, MSc

CLEMENS HILLER

Date of birth: 03 June 1988

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Research Interests

Mountain geomorphology
Glacial, proglacial and snow hydrology
Permafrost and periglacial processes in high altitudes
Snow and avalanches
Applied geophysics

Academic Career

- 09/2019 – PhD student at the Institute for Interdisciplinary Mountain Research (IGF) of the Austrian Academy of Sciences (ÖAW) and the Unit of Hydraulic Engineering at the University of Innsbruck, Austria; Project and topic: [Hidden.Ice](#) - Changing debris cover on Eastern Alpine glaciers: Quantification and hydrological impacts
- 10/2017 – 08/2019 Consultant of the engineering office NST - Loidl - Alpine Beratungs- & PlanungsgmbH, Oberperfuss, Austria: Natural hazards and nature conservation management in ski resorts
- 12/2016 – 05/2017 Scientific intern in the Research Group Snow Hydrology at the WSL Institute for Snow and Avalanche Research SLF, Davos, Switzerland: Snow cover and snowmelt in alpine forests
- 03/2015 – 06/2015 Research assistant in the project MOREXPART II at the University of Salzburg, Austria: Small scale snowpack evolution and interactions with the bottom temperature of the snow cover (BTS) at the Open Air Lab Kitzsteinhorn (OpAL)
- 10/2014 – 02/2015 Research assistant in the Group Geomorphology and Environmental Systems of the Department for Geography and Geology at the University of Salzburg, Austria: Postglacial alpine landscape evolution in the Austrian Alps and Nepalese Himalaya
- 03/2014 – 07/2014 Teaching assistant in the Research Group Geomorphology and Environmental Systems of the Department for Geography and Geology at the University of Salzburg, Austria: Academic tutor for the field trip into the Himalayan Kali Gandaki valley, Nepal
- 08/2013 – 05/2014 Research assistant in the project MOREXPART I at the alpS -Centre for Climate Change Adaptation, Innsbruck, Austria: Data analyses and measurements of near-surface temperatures (NST) and bottom temperatures of the snow cover (BTS) at the Open Air Lab Kitzsteinhorn (OpAL)
- 03/2013 – 07/2016 Studies of Geography (MSc) at the Department for Geography and Geology, University of Salzburg, Austria; Focus: Applied Geomorphology and Alpine Geohazards. Master Thesis: "Temperaturvariabilitäten an der Basis der winterlichen Schneedecke. Raum-zeitliche Verteilungsmuster am Maurerkogel (Kitzsteinhorn, Hohe Tauern)" [\[download\]](#)
- 10/2009 – 02/2013 Studies of Geography (BSc) at the Department of Geography and Geology, University of Salzburg, Austria; Focus: Physical Geography and Geographic Information Systems (GIS)

Awards and Academia

- ÖGG Promotion Award 2016 Annual award of the Austrian Geographical Society (ÖGG) for excellent master and diploma theses in geography; submitted Master Thesis: “Temperaturvariabilitäten an der Basis der winterlichen Schneedecke. Raum-zeitliche Verteilungsmuster am Maurerkogel (Kitzsteinhorn, Hohe Tauern)“ [\[download\]](#)
- Member of Austrian Research Group for Geomorphology and Environmental Change as part of the Austrian Geographical Society (ÖGG)
- International Association of Cryospheric Sciences (IACS)