



Thomas Zieher

Junior researcher

25 July 1985

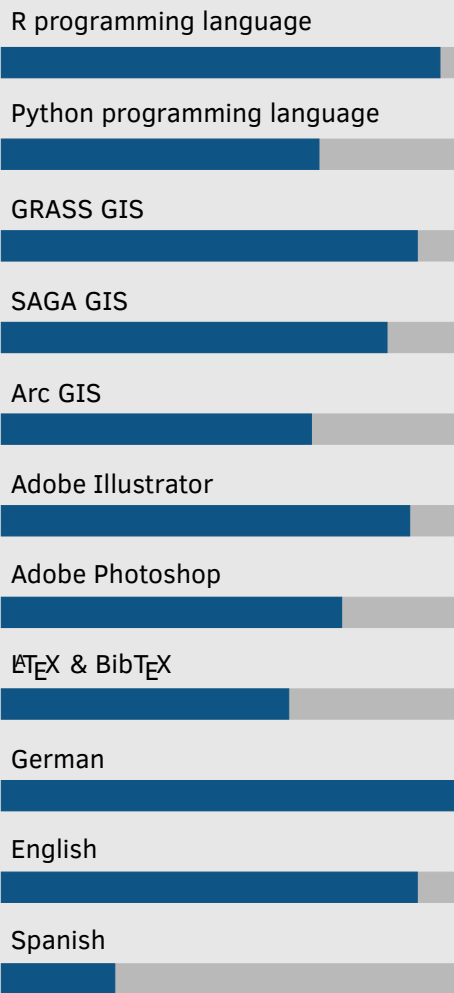
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Skills



Interests

Geomorphology: shallow and deep-seated landslides, rock fall
Palaeoclimatology: dynamics of forest- and treeline, dendrochronology
Remote sensing: monitoring of slope deformations, terrestrial laser scanning
Computational Geography: slope stability modelling, point cloud processing

Education

1991 – 1996	Primary school	Timelkam, Austria
1996 – 2000	Secondary school	Vöcklabruck, Austria
2000 – 2006	College of Industrial Engineering	Vöcklabruck, Austria
2006 – 2009	BSc in Geography	University of Innsbruck, Austria
2009 – 2013	MSc in Geography	University of Innsbruck, Austria
2013 – 2017	PhD in Geography	University of Innsbruck, Austria
since 2016	Junior researcher	Institute for Interdisciplinary Mountain Research, Austrian Academy of Science

Experience & Teaching

08 2004 – 09 2004	Practical training	Volvo Business Service, Gothenburg, Sweden
10 2005 – 09 2006	Civilian service	Lebenshilfe, St. Florian, Austria
07 2009 – 08 2009	Practical training	Austrian Federal Forests, Hopfgarten, Austria
since 2009	Freelancer, graphic designer	Kompass GmbH, Innsbruck, Austria
10 2011 – 02 2012	Practical training	Austrian Research Centre for Forests Innsbruck, Austria
2015 – 2018	GRASS GIS	Morphometry, automatation and scripting, modelling
2016 – 2017	Introduction to R	R programming language, statistics

Selected publications

Zieher, T., Rutzinger, M., Schneider-Muntau, B., Perzl, F., Leidinger, D., Formayer, H., Geitner, C., 2017. Sensitivity analysis and calibration of a dynamic physically based slope stability model. *Natural Hazards and Earth System Sciences* 17 (6), 971–992.

Zieher, T., Schneider-Muntau, B., Mergili, M., 2017. Are real-world shallow landslides reproducible by physically-based models? Four test cases in the Laternser valley, Vorarlberg (Austria). *Landslides* 14 (6), 2009–2023.

Zieher, T., Markart, G., Ottowitz, D., Römer, A., Rutzinger, M., Meißl, G., Geitner, C., 2017. Water content dynamics at plot scale—comparison of time-lapse electrical resistivity tomography monitoring and pore pressure modelling. *Journal of Hydrology* 544, 195–209.

Zieher, T., Perzl, F., Rössel, M., Rutzinger, M., Meißl, G., Markart, G., Geitner, C., 2016. A multi-annual landslide inventory for the assessment of shallow landslide susceptibility - Two test cases in Vorarlberg, Austria. *Geomorphology* 259, 40–54.

References

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Clemens Geitner +43 507 54037 Institute of Geography,
clemens.geitner@uibk.ac.at University of Innsbruck

Personal interests

Sports: Skitouring, Snowboarding, Hiking, Badminton, Cycling
Music: Guitar, Saxophone, Cajon
Photography: Time lapse, Panorama, Food Staging