



This page is not fully translated, yet. Please help completing the translation.

(remove this paragraph once the translation is finished)

Institute for Interdisciplinary Mountain Research (IGF)

The Institute for Interdisciplinary Mountain Research (IGF) at its headquarters in Innsbruck focuses on inter- and transdisciplinary mountain research in cooperation with international groups of scientists. It also includes **GLORIA**, the long-term global monitoring network in alpine areas. It maintains a cooperation with the **Mountain Research Initiative (MRI)**, Berne/Switzerland, and is member of the Mountain Partnership (FAO), Rome. For Austria the IGF is administrating the **Swiss-Austrian mountain research alliance (CH-AT)**. Together with the Research Focus **Alpine Space: Man & Environment** of the Innsbruck University <http://www.uibk.ac.at/alpinerraum/index.html.en> and the **alpS Centre for Climate Change Adaptation Technologies** it forms the *Innsbruck Mountain Competence*.



Latest publications

- Borsdorf, A. & Ch. Stadel 2013. *Die Anden. Ein geographisches Porträt*. Heidelberg.
- Borsdorf, A., M. Mergili & L.A. Ortega 2013. La Reserva de la Biosfera Cinturón Andino, Colombia. Una región modelo de estrategias de adaptación al cambio climático y de desarrollo regional sustentable? In: *Revista de Geografía Norte Grande* 55: 7-18.
- Bremer, M., M. Rutzinger & V. Wichmann 2013. Derivation of tree skeletons and error assessment using LiDAR point cloud data of varying quality. In: *ISPRS Journal of Photogrammetry and Remote Sensing* 80: 39-50.
- Dobler, Ch., G. Bürger & J. Stötter 2013. Simulating future precipitation extremes in a complex Alpine catchment. In: *Natural Hazards and Earth System Sciences* 2 (13): 263-277.
- Fernández-Calzado, R., D. Ghosn, D., M. Gottfried, G. Kazakis, J. Molero Mesa, H. Pauli & A. Merzouki. 2013. Patterns of endemism along an elevation gradient in Sierra Nevada (Spain) and Lefka Ori (Crete, Greece). In: *Pirineos. Revista de Ecología de Montaña* 168: 7-24.
- Grünwald, T., J. Stötter, J.W. Pomeroy, R. Dadic, I. Moreno Banos, M. Spross, C. Hopkinson, P. Burlando & M. Lehning 2013. Statistical modelling of the accumulation snow depth distribution in open alpine terrain. In: *Hydrological Earth System Sciences* 17: 3005-3021.
- Kanitscheider, S. & O. Bender 2013. Las regiones de montañas como espacios de oportunidad para la integración bioceánica: el ejemplo del Paso de Jama en los Andes Centrales. In: *Revista de Geografía Norte Grande* 55: 43-54.
- Marchant, C. & A. Borsdorf 2013. Protected areas in Northern Colombia – on track to sustainable development? In: *eco.mont - Journal on Mountain Protected Areas Research and Management* 5, 2: 5-14.
- Noroozi, J., W. Willner, H. Pauli & G. Grabherr 2013. Phytosociology and ecology of the highalpine to subnival scree vegetation of N and NW Iran (Alborz and Azerbaijan Mts.). In: *Applied Vegetation Science* Online first: 1-20.
- Orsi, F., Geneletti, D. & A. Borsdorf 2013. Mapping wildness for protected area management: A methodological approach and application for the Dolomites UNESCO World Heritage Site (Italy).

Landscape and Urban Planning 120: 1-15.

- Pfurtscheller, C. & A. H. Thieken 2013. The price of safety: costs for mitigating and coping with Alpine hazards. *Natural Hazards and Earth System Sciences* 13: 2619-2637.
- Pichler, T., Nicolussi, K., Goldenberg, G., Hanke, K., Kovács, K. & A. Thurner 2013. Charcoal from a prehistoric copper mine in the Austrian Alps: Dendrochronological and dendrological data, demand for wood and forest utilisation. *Journal of Archaeological Science* 40, 2: 11.
- Wiegand, C., Kringer, K., Geitner, C. & M. Rutzing 2013. Regolith structure analysis — A contribution to understanding the local occurrence of shallow landslides (Austrian Tyrol). *Geomorphology* 183: 5-13.
- Wiegand, C., Rutzing, M., Heinrich, K. & C. Geitner 2013. Automated Extraction of Shallow Erosion Areas Based on Multi-Temporal Ortho-Imagery. *Remote Sensing* 5, 5: 2292-2307.
- Zemp, M., Thibert, E., Huss, M., Stumm, D., Rolstad Denby, C., Nuth, C., Nussbaumer, S. U., Moholdt, G., Mercer, A., Mayer, C., Joerg, P. C., Jansson, P., Hynek, B., Fischer, A., Escher-Vetter H., Elvehøy, H. & L. M. Andreassen 2013. Uncertainties and reanalysis of glacier mass balance measurements. *The Cryosphere Discussions* 7: 789-839.

Latest projects

- VOICE - Voluntary work in disaster management - Challenges for adaptation to climate change; Austrian Climate Research Program (2013 - 2015)
<http://www.mountainresearch.at/index.php/en/projects/100-projects/ongoing-projects/328-voice-en.html>
- Investigating Cultural Sustainability; COST Action IS1007 (2011-2015)
<http://www.mountainresearch.at/index.php/en/projects/100-projects/ongoing-projects/287-cost-is1007-en.html>
- Glacier monitoring on the Hallstatt Glacier; Land Oberösterreich (2012-2016)
<http://www.mountainresearch.at/index.php/en/projects/100-projects/ongoing-projects/329-hallstatt-glacier-en.html>
- Glacier monitoring Venedigerkees; Hydrographical Service of Salzburg province (2012-2016)
<http://www.mountainresearch.at/index.php/en/projects/100-projects/ongoing-projects/268-glacier-monitoring-venedigerkees.html>
- mountain.TRIP. Mountain Sustainability - Transforming Research into Practice; FP7 (2010-2012)
<http://www.mountaintrip.eu/>

Scientists

- Borsdorf, Axel
- Fischer, Andrea - Austrian of the Year 2013, Section Research
- Grabherr, Georg - Austrian Scientist of the Year 2012

Links

[IGF Homepage](#) | [IGF wikipedia article](#)

Journals

[eco.mont](#) – Journal on Protected Mountain Areas Research and Management



[institution](#), [IGF](#), [mountain](#), [research](#), [interdisciplinarity](#)

From:

<http://www.wikialps.eu/> - **WIKIAlps - the Alpine WIKI**

Permanent link:

<http://www.wikialps.eu/doku.php?id=sl:wiki:igf&rev=1489758890>

Last update: **2017/03/17 14:54**

