

Peer Reviewed Conference Proceedings, 2013–2017

2017

- Hauck C, Hilbich C, Mollaret C.** 2017. A time-lapse geophysical model for detecting changes in ground cce content based on electrical and seismic mixing rules. In 23rd European Meeting of Environmental and Engineering Geophysics, Malmö, 3.-7.9. 2017.
- Machado A, Rodrigues A, Couthino M, Alves LC, Corregidor V, da Silva RC, **Serneels V, Katona Serneels I**, Wolf S, Trümpler S, Vilarigues M. 2017. Swiss Kabinettschreiben from a 19th century Portuguese collection. Study and cemical characterization. Annales du 20e congrès de l'Association Internationale pour l'Histoire du Verre Fribourg/Romont 7-11 septembre 2015, Verlag Marie Leidorf GmbH, Köthen. pp. 684-688.
- Mollaret, C., **Hilbich C, Hauck C.** 2017. Analysis procedures of an ERT monitoring network to assess mountain permafrost degradation rate. In 23rd European Meeting of Environmental and Engineering Geophysics, Malmö, 3.-7.9. 2017.
- Mudler, J., Fiandaca, G., Hördt, A., **Hauck C**, Maurya, P.K. and Przyklenk, A. 2017. Spectral inversion of capacitive resistivity data for the investigation frozen ground. In 23rd European Meeting of Environmental and Engineering Geophysics, Malmö.

2016

- Kronenberg M**, Schauwecker S, Huggel C, **Salzmann N**, et al. 2016. The projected precipitation reduction over the Central Andes may severely affect Peruvian glaciers and hydropower production. *Energy Procedia* 97:270–277.
- Linsbauer A**, Allen SK, Randhawa SS, Huggel C, **Salzmann N**. 2016: Changing cryosphere and emerging GLOF risks: a scientific baseline study towards early warning and other adaptation measures for the Kullu District, HP, India. In: 2016 UNESCO Chair Conference on Technologies for Development: From Innovation to Social Impact, 2–4 May 2016. EPFL, Lausanne, Switzerland.
- Oggier N, Graf C, **Delaloye R**, Burkard A. 2016. Integral protection concept "Bielzug" - Integrales Schutzkonzept Bielzug. INTERPRAEVENT 2016, Conference Proceedings, 525–534.

2015

- Dall'Asta E, **Delaloye R**, Diotri F, et al. 2015. Use of UAS in a high mountain landscape: the case of Gran Sommetta rock glacier (AO). The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences, Volume XL-3/W3, 391-397, ISPRS Geospatial Week 2015, 28 Sep – 03 Oct 2015, La Grande Motte, France.
- Kummert M, Delaloye R.** 2015. Quantifying sediment transfer between the front of an active alpine rock glacier and a torrential gully. In: Jasiewicz J., Zwolinski Zb., Mitasova H., Hengl T. (eds) (2015) Geomorphometry for Geosciences. Adam Mickiewicz University in Poznan - Institute of Geocology and Geoinformation, International Society for Geomorphometry, Poznan, 193 - 196.
- Rick B, **Delaloye R, Barboux C**, Strozzi T. 2015. Detection and inventorying of slope movements in the Brooks Range, Alaska using DInSAR: a test study. GEOQuébec 2015, 8pp.

2014

- Berranger M, Duval A, **Serneels V**. 2014. L'organisation spatiale des ateliers de travail du fer (VIIe- Ier s. av. J.C.) Compte-rendu synthétique de deux journées d'étude tenues les 2 et 3 avril 2009 à Bibracte, in Guichard V. dir., Etudes sur Bibracte – 2, Collection Bibracte. pp. 275–314.
- Boskoboinik A, Ejderyan O. 2014. Glamping: Un nuevo concepto de turismo rural. In: Peripheras, Fronteras et Dialogos. Actas del XIII Congreso de Antropología de la Federación de Asociaciones de Antropología del Estado Español Tarragona, 2–5 de septiembre de 2014. Tarragona, Universitat Rovira i Virgili: 5451-5467.
- Rogers SR, Collet C**, Lugon R. 2014. Least cost path analysis for predicting glacial archaeological site potential in central Europe. In A. Traviglia (Ed) Across Space and Time. Selected Papers from the 41st Computer Applications and Quantitative Methods in Archaeology Conference (Perth, WA, 25-28 March 2013).
- Senn M, Schreyer S, **Serneels V**. 2014. An urban fine smithing quarter in the oppidum of Rheinau (canton Zürich, Switzerland). In: E Pernicka, R Schwab, eds. Under the Volcano, Proceedings of the International Symposium on the Metallurgy of the European Iron Age (SMEIA), Mannheim, Verlag Marie Leidorf, Rahden. pp. 103–120.

2013

- Barboux C, Delaloye R**, Lambiel C, Strozzi T, Raetzo H, **Collet C**. 2013: Semi-automated detection of terrain activity in the Swiss Alpine periglacial environment from DInSAR scenes. Living Planet Symposium. Edinburgh (Scotland).
- Barboux C, Delaloye R**, Strozzi T, **Collet C**, Raetzo H. 2011. TSX InSAR assessment for slope instabilities monitoring in alpine periglacial environment (Western Swiss Alps, Switzerland). Proceedings of the FRINGE 2011 workshop, 19-23 September (ESA SP-697, January 2012).
- Barboux C, Delaloye R**, Strozzi T, Lambiel C, **Collet C**. 2013. TSX DInSAR data for detecting and monitoring slope motion phenomena in an Alpine periglacial environment at different resolution scales (Western Swiss Alps, Switzerland). TerraSAR-X Science Team Meeting, 10 - 12 June 2013, DLR Oberpfaffenhofen.
- Barboux C, Delaloye R**, Lambiel C, Strozzi T, **Collet C**, Raetzo H. 2013. Surveying the activity of permafrost landforms in the Valais Alps with InSAR. In: Graf, C. (ed.) Mattertal – ein Tal in Bewegung. Publikation zur Jahrestagung der Schweizerischen Geomorphologischen Gesellschaft 29. Juni – 1. Juli 2011, St. Niklaus. Birmensdorf, Eidg. Forschungsanstalt WSL. 7–19.
- Becker D, Oppliger J, Thew N, **Scherler L**, Aubry D, **Braillard L**. 2013. Climat et écologie en Ajoie durant la seconde partie du Pléni-glaciaire moyen weichsélien : apport des remplissages des dolines de Courtedoux–Vâ Tche Tchâ (Jura, Suisse). In: Deuxièmes Journées Archéologiques Frontalières de l'Arc jurassien. pp. 13–24.
- Delaloye R**, Morard S, **Barboux C**, Abbet D, Gruber V, Riedo M, Gachet S. 2013. Rapidly moving rock glaciers in Mattertal. In: Graf, C. (ed.) Mattertal – ein Tal in Bewegung. Publikation zur Jahrestagung der Schweizerischen Geomorphologischen Gesellschaft 29. Juni – 1. Juli 2011, St. Niklaus. Birmensdorf, Eidg. Forschungsanstalt WSL. 21-30.
- Maggetti M**. 2013. Glaçures et pigments de la faïencerie Granges-le-Bourg (Haute Saône, France). Analyse et reconstitution technique. In: F Janot, G Giuliano, D Morin, eds. Indices et traces: la mémoire des gestes. Actes du colloque international 16, 17 et 18 juin 2011, U. F. R. d'Odontologie de l'Université de Lorraine, Presses Universitaires de Nancy, Editions Universitaires de Lorraine. pp. 319-360.

Salzmann N, Kotlarski S, von Waldow H, Rajczak J. 2013. Advancing and facilitating the use of RCM data in climate impacts research, Impacts World 2013 Conference Proceedings. Potsdam: Potsdam Institute for Climate Impact Research, 565–572.

Thierrin-Michael G, Chiaverini J. 2013. Céramiques modernes préindustrielles et manufacturées de Bonfol, Jura, Suisse : changements compositionnels et explications possibles. Actes de la table ronde franco-suisse à Vesoul 2009, Vesoul. pp. 25–34.

2012

Barboux C, **Delaloye R**, Strozzi T, Lambiel C, **Collet C**, Raetzo H. 2012. Monitoring active rock glaciers in the Western Swiss Alps: Challenges of Differential SAR Interferometry and solution to estimate annual and seasonal displacement rates. Proceeding of IGARSS 2012, 22 - 27 July 2012.

Goyanes G, Vieira G, Caselli A, Cardoso A, Bernardo I, **Hauck C**. 2012. Permafrost-volcano interactions: a case-study in Deception Island, XII SCAR and Open Science Conferences.

Huggel C, Cochachin A, Frey H, et al., **Salzmann N**, et al. 2012. Integrated assessment of high mountain hazards, related risk reduction and climate change adaptation strategies in the Peruvian Cordilleras. IDRC Davos 2012, Switzerland.

Maurer, H., **Hauck C**, Spillmann, T. 2012. Assessment of Unstable Slopes in Mountain Regions Using Geophysical Methods. In 74th EAGE Conference and Exhibition-Workshops.

Morard, S., Bochud M., **Delaloye R**. 2012. Evolution de la masse de glace et formation de poches d'eau dans la glacière dynamique des Diablotins (Préalpes fribourgeoises). Actes du 13e Congrès national de Spéléologie - 2012, Société Suisse de Spéléologie, 149–154.

Wegmüller U, Strozzi T, **Delaloye R**, Raetzo H. 2012. Landslide mapping in Switzerland with ENVISAT ASAR. Conference: Geoscience and Remote Sensing Symposium (IGARSS), 2012 IEEE International.