

CHRISTOPH PERGER

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PERSONAL

Date of Birth: 02 Apr 1984
Place of Birth: Neunkirchen, Austria
Citizenship: Austria
Sex: Male

WORK HISTORY

Jun 2011 **Research Scholar**
to International Institute for Applied Systems Analysis (IIASA)
Present Laxenburg, Austria

Ecosystems Services & Management

Mar 2014 **External Lecturer**
to University of Applied Sciences
Present Wiener Neustadt, Austria

Computer Science/Geoinformatics

Feb 2009 **Research and teaching assistant**
to University of Applied Sciences
Feb 2014 Wiener Neustadt, Austria

Department of Geoinformatics

Feb 2011 **Member of the EU-Project Team**
to FOTEC Forschungs- und Technologietransfer GmbH
Dec 2013 Wiener Neustadt, Austria

Research subsidiary of the University of Applied Sciences
• Harmonized European Land Monitoring (HELM, EU FP7)

Jul 2007 **Marginal employed**
to OMV Exploration & Production GmbH
Dec 2008 Vienna, Austria

Jun 2005 **Assistant**
to University of Applied Sciences
Jun 2008 Wiener Neustadt, Austria

Jan 2007 **Bachelor internship**
to OMV Exploration & Production GmbH
Jun 2007 Vienna, Austria

April 2014

EDUCATION

2007
to
2009

University of Applied Sciences
Wiener Neustadt, Austria
Master of Science in Engineering

Computer Science, Geoinformatics

2004
to
2007

University of Applied Sciences
Wiener Neustadt, Austria
Bachelor of Science in Engineering

Computer Science, Geoinformatics

1998
to
2003

HTL (Federal Higher Technical Institute for Educating and Experimenting)
Wiener Neustadt, Austria
Computer Science and Organisation

LANGUAGE SKILLS

German – fluent, first language
English – fluent spoken and written

PUBLICATIONS

2013

See L, McCallum I, Fritz S, **Perger C**, Kraxner F, Obersteiner M, Deka Baruah U, Mili N, Ram Kalita N (2013). Mapping cropland in Ethiopia using crowdsourcing. *International Journal of Geosciences*, 4(6):6-13. doi:10.4236/ijg.2013.46A1002 (August 2013)

Comber A, See L, Fritz S, van der Velde M, **Perger C**, Foody G (2013). Using control data to determine the reliability of volunteered geographic information about land cover. *International Journal of Applied Earth Observation and Geoinformation*, 23:37-48 (August 2013)

Perger C, Vojtech N, Grillmayer R, Weichselbaum J, Dresel C (2013). LACOVAL – Open Source Portal zur Validierung der Landbedeckung. In: Strobl, J./Blaschke, T./Griesebner, G. (Hrsg.): *Angewandte Geoinformatik 2013*. Wichmann. Salzburg. ISBN 978-3-87907-533-1 (July 2013)

Perger C, McCallum I, Fritz S, See L, Thau D (2013). Improved cropland mapping in Ethiopia. In: Jekel, T., Car, A., Strobl, J. & Griesebner, G. (Eds.): *GI_Forum 2013*. Herbert Wichmann Verlag, VDE VERLAG GMBH, Berlin/Offenbach. ISBN 978-3-87907-532-4. doi:10.1553/giscience2013s96 (July 2013)

Albrecht F, **Perger C**, Schill C, See L, McCallum I, Collins R, Fritz S (2013). Using Crowdsourcing to Examine Land Acquisitions in Ethiopia. In: Jekel, T., Car, A., Strobl, J. & Griesebner, G. (Eds.): *GI_Forum 2013*. Herbert Wichmann Verlag, VDE VERLAG GMBH, Berlin/Offenbach. ISBN 978-3-87907-532-4. doi:10.1553/giscience2013s100 (July 2013)

Grillmayer R, Dresel C, Vojtech N, Dürauer M, Schlaffer S, **Perger C**, Weichselbaum J (2013). GIS-Systemarchitektur für die automatisierte Echtzeitaufbereitung von SAR-Aufnahmen für das Krisenmanagement bei Hochwasserereignissen. In: Strobl, J./Blaschke, T./Griesebner, G.

(Hrsg.): Angewandte Geoinformatik 2013. Wichmann. Salzburg. ISBN 978-3-87907-533-1 (July 2013)

See L, Comber A, Salk C, Fritz S, van der Velde M, **Perger C**, Schill C, McCallum I, Kraxner F, Obersteiner M (2013). Comparing the quality of crowdsourced data contributed by expert and non-experts. In: PLoS ONE, 8(7):e69958. doi:10.1371/journal.pone.0069958 (July 2013)

See L, Fritz S, **Perger C**, van der Velde M, Albrecht F, Schill C, McCallum I, Schepaschenko D, Obersteiner M (2013). Urban Geo-wiki: A crowdsourcing tool for improving urban land cover. In: Citizen E-Participation in Urban Governance: Crowdsourcing and Collaborative Creativity, Carlos Nunes Silva (ed.) IGI Global, Hershey, PA, USA pp.119-143 (June 2013)

Footy GM, See L, Fritz S, van der Velde M, **Perger C**, Schill C, Boyd DS (2013). Assessing the accuracy of volunteered geographic information arising from multiple contributors to an Internet collaborative project. In: Transactions in GIS, Article in press. doi:10.1111/tgis.12033 (Published online 22 May 2013)

Footy G. M, See L, Fritz S, Van der Velde M, **Perger C**, Schill C, Boyd D. S, Comber A (2013). Accurate attribute mapping from volunteered geographic information: issues of volunteer quantity and quality. The Cartographic Journal (in print)

Fritz S, See L, van der Velde M, Nalepa RA, **Perger C**, Schill C, McCallum I, Schepaschenko D, Kraxner F, Vakolyuk M, Albrecht F, Shaw B, Obersteiner M (2013). Downgrading recent estimates of land available for biofuel production. Environmental Science & Technology, 47(3):1181-1774 (5 February 2013)

2012

Schepaschenko D, Fritz S, McCallum I, Shvidenko A, **Perger C**, Schill C, See L, Kraxner F, Obersteiner M (2012). A platform to visualize, analyze and improve biomass datasets: <http://biomass.geo-wiki.org>. In: Folia Forestalia Polonica, Series A - Forestry, 54(2):137-139 (2012). Available at <http://ffp.ibles.pl/content/content/archiwe-issues/2012/vol-54-2/schepaschenko-12-2-8.pdf>

Perger C, Fritz S, See L, Schill C, van der Velde M, McCallum I, Obersteiner M (2012). A Campaign to Collect Volunteered Geographic Information on Land Cover and Human Impact. In: Jekel, T., Car, A., Strobl, J. & Griesebner, G. (Eds.): GI_Forum 2012: Geovizualisation, Society and Learning. Herbert Wichmann Verlag, VDE VERLAG GMBH, Berlin/Offenbach. ISBN 978-3-87907-521-8 (July 2012)

Schepaschenko D, See L, Fritz S, McCallum I, Schill C, **Perger C**, Baccini A, Gallaun H, Kindermann G, Kraxner F, Saatchi S, Obersteiner M, Santoro M, Schullius C, Shvidenko A, Schepaschenko M (2012). Observing forest biomass globally. Earthzine, posted on 9 June 2012 in Articles, Earth Observation, Forest Resources Information.

Fritz S, McCallum I, Schill C, **Perger C**, See L, Schepaschenko D, van der Velde M, Kraxner F, Obersteiner M (2012). Geo-Wiki: An online platform for improving global land cover. Environmental Modelling & Software, 31:110-123 (May 2012) (Published online 28 December 2011).

Fritz S, Purgathofer P, Kayali F, Fellner M, Sturn T, Treibnig G, Krause S, Schindler F, Kollegger M, **Perger C**, Duerauer M, Haberl W, See L, McCallum I (2012). Social gaming to collect vast amounts of data for satellite validation. Geophysical Research Abstracts, 14:EGU2012-13173. EGU General Assembly, 22-27 April 2012, Vienna

Schill C, Diaz L, **Perger C**, Fritz S, McCallum I, Nativi S, McInerney D, See L, Craglia M (2012). Web 2 Tools to Improve Global Land Cover: Linking the EuroGEOSS Broker and Geo-Wiki. Poster presentation, EuroGEOSS Conference, 23-27 January 2012, Madrid, Spain

2011

Fritz S, See L, McCallum I, Schill C, **Perger C**, Obersteiner M (2011). Building a crowdsourcing tool for the validation of urban extent and gridded population. In: Computational Science and Its Applications - ICCSA 2011, B. Murgante, O. Gervasi, A. Iglesias, et al. (eds), Springer-Verlag, Heidelberg, Germany.

Fritz S, Schepaschenko D, McCallum I, **Perger C**, Schill C, Baccini A, Gallaun H, Kindermann G, Obersteiner M, Santoro M, Schmullius C, Shvidenko A (2011). Observing terrestrial biomass globally: <http://biomass.geo-wiki.org>. ePoster B51C-0404, AGU Fall Meeting 2011 (December 2011).

Fritz S, You L, Bun A, See L, McCallum I, Schill C, **Perger C**, Liu J, Hansen M, Obersteiner M (2011). Cropland for sub-Saharan Africa: A synergistic approach using five land cover data sets. *Geophysical Research Letters*, 38:L04404 (23 February 2011).

Schepaschenko D, Fritz S, McCallum I, **Perger C**, Schill C, Shvidenko A, Kraxner F, Obersteiner M (2011). A platform to visualize, analyze and improve Biomass datasets: <http://biomass.geo-wiki.org>. CarboForest Conference, 21-23 September 2011, Forest Research Institute, Sekocin Stary, Poland.

2010

McCallum I, Fritz S, Schill C, **Perger C**, Achard F, Grillmayer R, Koch B, Kraxner F, Obersteiner M, Quinten M (2010). Geo-Wiki.org: Harnessing the power of volunteers, the Internet and Google Earth to collect and validate global spatial information. *Earthzine*, posted on 1 February 2010 in Articles, Earth Observation, Technology.

Beiglböck J, Galanda M, **Perger C**, Grillmayer R (2010): Flexible geospatial Informationsbereitstellung für das mobile Anlagenmanagement. In: Strobl, J./Blaschke, T./Griesebner, G. (Hrsg.): Wichmann. Salzburg.

Grillmayer R, Banko G, Scholz J, **Perger C**, Steinnocher K, Walli A, Weichselbaum J (2010): Land Information System Austria (LISA) - Objektorientiertes Datenmodell zur Abbildung der Landbedeckung und Landnutzung. In: Strobl, J./Blaschke, T./Griesebner, G. (Hrsg.): Wichmann. Salzburg.

Dürauer M, Forsthuber J, Grillmayer R, **Perger C** (2010): Gewinnung, Analyse und Visualisierung von geografischen Metadaten anhand des IGLIS-Datenbankmodells. In: Strobl, J./Blaschke, T./Griesebner, G. (Hrsg.): Wichmann. Salzburg.

2009

Fritz S, McCallum I, Schill C, **Perger C**, Grillmayer R, Achard F, Kraxner F, Obersteiner M (2009). Geo-Wiki.Org: The use of crowdsourcing to improve global land cover. *Remote Sensing*, 1(3):345-354 (3 August 2009).

Fritz S, McCallum I, Schill C, **Perger C**, Kraxner F, Obersteiner M (2009). Towards a geospatial Wikipedia (Abstract). *Geophysical Research Abstracts*, 11:EGU2009-6977.

Perger C, Grillmayer R, Fritz S, McCallum I (2009): Global Web Mapping 2.0 - Nutzung der Kollektiven Intelligenz zur Validierung und Verbesserung globaler Landbedeckungsdatensätze. In: Strobl, J./Blaschke, T./Griesebner, G. (Hrsg.): Wichmann. Salzburg.