

Curriculum Vitae – Niklas Linde

Born 1977 in Gävle, Sweden.

1. Contact information

University of Lausanne, Institute of Geophysics
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2. Positions held

2008- Assistant Professor, University of Lausanne (UNIL), Institute of Geophysics, Switzerland
2006-2008 Post-doc, Swiss Federal Institute of Technology Zürich (ETHZ), Earth Science Department, Applied and Environmental Geophysics Group, Zürich, Switzerland
2005-2006 Post-doc, Paul Cézanne University, CNRS-CEREGE, Hydrogeophysics and Porous Media Group, France

3. Education

2001-2005 Ph.D. Uppsala University, Uppsala, Sweden (Solid Earth Geophysics)
2003-2004 Guest at Lawrence Berkeley National Laboratory, Earth Science Division, Berkeley, USA
1997-2001 Combined B.Sc. and M.Sc. program at Uppsala University, Sweden (Aquatic and Environmental Engineering)

4. Awards and honors

2010 Recipient of the 2010 Geonics/EEGS Early Career Award (Environmental and Engineering Geophysics) for significant and ongoing contributions to the discipline of Environmental and Engineering Geophysics

5. Professional services

2010 Organizer of one-day Workshop on Hydrogeophysics (50+ participants) and Member of the Local Advisory Committee for Near Surface 2010 (300 participants) held in Zürich 5-8 September
2009- Deputy Chair of the Hydrogeophysics Technical Committee of the American Geophysical Union (AGU) (hydrogeophysics.org)
2009- Committee member and European Representative and Liaison to European Groups of the Near Surface Geophysics Focus Group of the AGU (agu.org/focus_group/nsg/)
2008- External examiner of three Ph.D. theses
2002- Chaired and co-chaired four scientific sessions at international conferences

6. Selected Invited Talks

2010 AGU Fall Meeting (two talks), San Francisco, USA
2010 PhD Summer school (two talks), Cargèse, France
2009 AGU Fall Meeting, San Francisco, USA

- 2007 CSMP++ Workshop, Meyrargues, France
- 2007 AGU Fall Meeting, San Francisco, USA
- 2007 AGU Spring Meeting (two talks), Acapulco, Mexico
- 2007 Joint Inversion Workshop at the Dublin Institute of Advanced Studies, Dublin, Ireland
- 2006 AGU Spring Meeting, Baltimore, USA
- 2005 AGU Fall Meeting, San Francisco, USA

7. Research funding

- 2011-2014 Sinergia Swiss National Science Foundation (CRSI22_132249), Integrated methods for stochastic ensemble aquifer modelling (ENSEMBLE), Co-PI, kCHF 926
- 2011-2013 Swiss National Science Foundation (200021_130200), Time-lapse analysis and inversion of radio magnetotelluric and audio magnetotelluric data, PI, kCHF 167
- 2009-2012 Swiss National Science Foundation (200021-124571), Joint stochastic inversion of geophysical data in fractured rock, PI, kCHF 174
- 2007-2011 Competence Center Environment and Sustainability of the ETH Domain (CCES), Assessment and modeling of coupled ecological and hydrological dynamics in the restored corridor of a river (RECORD), Co-PI, kCHF 1800
- 2007-2009 Swiss National Science Foundation (200020-117513), Three-dimensional geophysical mapping: providing new constraints for understanding hydrogeological and geological processes, Co-PI, kCHF 744
- 2005 Swedish Geological Survey (60-1307/2004), Integrated inverse modeling of hydrogeological and geophysical data, PI, kCHF 44

8. PhD students and post-docs

PhD students

Tobias Lochbühler, since May 2011, Institute of Geophysics, UNIL

Marina Andrea Rosas Carbajal, since January 2011, Institute of Geophysics, UNIL

Caroline Dorn, since May 2009, Institute of Geophysics, UNIL

Ilaria Coscia, 2007-2011, Time-varying electrical properties of infiltrating river water as a natural tracer for investigating flow and transport in an aquifer through time-lapse crosshole ERT, Institute of Geophysics, ETHZ

Joseph Doetsch, 2007-2011, Joint and constrained inversion of geophysical data for improved imaging of aquifer structure and processes, Institute of Geophysics, ETHZ

Post-docs

Dr. Damien Jougnot, since December 2009, Institute of Geophysics, UNIL

9. Bibliometric information as of July 2011

Number of published and accepted articles in ISI journals: 30; Peer-reviewed book chapters: 3; h-index: 12; total number of citations in ISI Web of Science: 373.