

CV Hendrik Stark

Education

- 2009 **PhD studies** at Freiburg University, Faculty of Forest and Environmental Science, Institute of Silviculture, Germany
- 2002 – 2008 **Studies in Forest Science** at TU Dresden, Faculty of Forest-, Geo-, and Hydro Science in Tharandt

Experience

- 2009 **Forest inventory** and forest management planning; ‘Network of Forest Experts’ www.Waldkonzepte.de, Germany
- 2007 – 2008 **Diploma thesis** ‘Isoprene (C₅H₈) emission dynamics of a Sub-Arctic mire landscape and the influence of site, vegetation, net carbon dioxide (CO₂) exchange, and micro-meteorology’, ‘Department of Physical Geography and Ecosystem Analysis’, Lund University, Sweden and the ‘Institute of Soil Science and Site Ecology’, Dresden University of Technology, Germany (five months field work)
- 2004 – 2006 **Scientific assistant**, Institute of Soil Science and Site Ecology, Dresden University of Technology, Tharandt, Germany; Laboratory, preparation & analysis of soil and plant material
- 2005 **Scientific assistant**, ‘Estación Científica San Francisco’ outside Loja, Ecuador/Institute of Soil Science and Site Ecology, Dresden University of Technology, Germany, Project ‘Microbial and biochemical processes in soils of the mountain rain forests in Southern Ecuador’, DFG (German Research Foundation)
Preparation, installation, and operation of a soil microcosm system along an altitudinal gradient to consider changes in microbial respiration & soil water chemistry caused by changes in temperature and moisture regime (six months field work)
- 2004 **Scientific assistant** with the Canadian Climate Impact and Adaptation Research Network (C-CIARN) in Fredericton, New Brunswick, Canada; Preparation of work shops.
- 2004 **Trainee** working with the Canadian Forest Service (CFS) in Newfoundland, Canada
Assisting research on forest carbon sinks and sources; influence of clear cutting and pre-commercial thinning on C cycling. (four months)
- 2002 **Trainee** with the Saxonian State Forest Department Moritzburg, Germany
Introduction into forest management and administration (three months)

Publications

- 2009 Isoprene (C₅H₈) emission dynamics of a Sub-Arctic mire landscape and the influence of site, vegetation, net carbon dioxide (CO₂) exchange, and micro-meteorology, **H. Stark**, Diploma thesis, published online 2009
- 2008 BVOC emissions from high-latitude peatlands: Isoprene and monoterpene fluxes in plant communities defined by differences in surface hydrology; A. Ekberg, A. Arneth, K. Bäckstrand, P.M. Crill, H. Hakola, **H. Stark**; Geophysical Research Abstracts, Vol. 10, EGU2008-A-04194, 2008