
CURRICULUM VITAE

THOMAS BORCH

Present Positions and Contact Information:

Assistant Professor
Environmental Chemistry
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Education:

Postdoctoral Scientist, Soil and Environmental Biogeochemistry, *Stanford University*, Jan 2004 – Jan 2006. Research Topics: Biogeochemical Cycling of Iron, Nutrients and Trace Metals. Mentor: Dr. Scott Fendorf.

Ph.D., Environmental Soil Chemistry, *Montana State University*, December 2003.
Dissertation: Chromatographic, Spectroscopic and Microscopic Analyses Reveal the Impact of Iron Oxides and Electron Shuttles on the Degradation Pathway of 2,4,6-Trinitrotoluene (TNT) by a Fermenting Bacterium. Advisor: Dr. William P. Inskeep

M.Sc., Environmental Chemistry, *University of Copenhagen*, December 1999.
Thesis: Degradation of Volatile Chlorinated Aliphatics in Unsaturated Soils. Advisor: Dr. Bo Svensmark.

B.Sc., Environmental Chemistry, *University of Copenhagen*, October 1997.
Thesis: The Quantitative and Qualitative Impact of DOC on Nitrate Removal in Wetlands. Advisor: Dr. Bo Svensmark.

Professional History:

- Dec 2007 –* **Institute Associate**
Institute for Environmental Solutions
Denver, Colorado
- Aug 2007 –* **Joint Appointment as Assistant Professor**
Environmental Chemistry
Department of Chemistry
Colorado State University, USA
- Mar 2006 –* **Assistant Professor**
Environmental Soil Chemistry
Department of Soil and Crop Sciences
Colorado State University, USA
- Aug 2005 – Mar 2006* **Affiliate Faculty Member**
Department of Soil and Crop Sciences
Colorado State University, USA
- Jan 2004 – Jan 2006* **Postdoctoral Fellow**
Soil and Environmental Biogeochemistry Group
Stanford University
Mentor: Dr. Scott Fendorf
- Jul 2001* **Berkeley-Stanford Summer School in Synchrotron
Radiation**
UC Berkeley, California, USA
- Dec 1999 – Dec 2003* **Ph.D. Student, Research and Teaching Assistant**
Center for Biofilm Engineering and Department of
Environmental Sciences at Montana State University
- Aug 1998 – Dec 1999* **Graduate Researcher**
Department of Plant Biology and Biogeochemistry
Risø National Laboratory, Denmark
Supervisor: Dr. Christian Grøn
- Sep 1997 – Dec 1999* **Graduate Student**
Laboratory of Molecular Spectroscopy, Department of
Chemistry, University of Copenhagen, Denmark
Advisor: Prof. Bo Svensmark