

CAMILLA MAYMANN CHRISTIANSEN

PERSONAL DATA

Date of birth January 6th, 1981
Nationality Danish
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EDUCATION

2006 - **Ph.D.-study** at the Department of Environmental Engineering, Technical University of Denmark (DTU Environment). Expected duration March 2006 – February 2009.

1999 - 2006 **M.Sc. Environmental Engineering** at DTU. Education completed February 2006. Grade average: 9.8 (old Danish scale).
2002 Bachelor Thesis. *Water Supply in Greenland*.
2006 Master Thesis. *Environmental Fracturing in Clay Till Deposits*.

1999 **Mathematical high school diploma from Aurehoej Gymnasium**, Gentofte, Denmark.
Grade average: 10.6 (old Danish scale). Majors: Math, Chemistry and English.

OTHER RESEARCH-RELEVANT EXPERIENCE

2005 *Company project* – Investigations of chlorinated solvents at dry-cleaning locations. Associated field sites: Herlev and Skuderløse, Denmark.

2005 *Special project/Field study* – Geophysical mapping of the Dan Phuong field site. Associated field site: Dan Phuong (Hanoi), Vietnam.

2004 *Special project* – Dancing with MODFLOW – an attempt to model the groundwater flow system of Tåsinge, Denmark.

2001 *Project work* – Regional Engineering Geology – Investigation of a selected area in Slovakia. Associated geological field trip to Slovakia.

2001 *Pre-bachelor project* – Water balance. Associated field site: Langvad and Kornerup Streams (Roskilde), Denmark.

2000 *Field study* – Coastal Protection (Geology, introductory field course). Associated field site: Tisvildeleje, Denmark.

2000 *Project work / Field study* – Contaminated groundwater flow in Vestskoven. Associated field site: Vestskoven (Albertslund), Denmark.

JOBS (continued on next page)

2006-2008 Assistant teacher at E&R, DTU. Course: 12330 – Soil and Groundwater Contamination – Processes and Remediation. Involves lecturing, helping students with exercises, organization of course workshop, etc.

2005 Student Employee in NIRAS' (Consulting Engineering Firm) Environmental Sector, Soil and Groundwater Dept., Allerød, Denmark. Involved participation in and reporting of the department's environmental projects and cases.

- 2004** Student Employee in Copenhagen County's Soil and Groundwater Dept., Glostrup, Denmark. Involved handling of and response to inquiries regarding contamination mapping of private properties in the county.
- 2003-2004** Member and briefly chairwoman of the board of DTU's student organization, Polyteknisk Forening. Student politics.
- 2002-2004** Excursion leader and guide at the institute BYG.DTU. Involved independent planning, leadership, and teaching of annually recurrent geology excursion to Denmark for approximately 45 Slovakian geology, biology and environmental college students.
- 2002** Member of the Freshman Tutor Committee at DTU. Involved selection and education of the DTU freshman tutors.
- 2001-2002** Freshman tutor at DTU. Involved education in group dynamics, speaking skills, first aid, etc., and hence qualified guidance of new DTU students.

LANGUAGES

Danish	Mother tongue
English	Fluent
French	Read and understood

IT-ABILITIES

Experienced user of	Word, Excel, Powerpoint, Latek
Knowledge of	SAS, MAPLE, MATLAB, PHREEQC, GMS MODFLOW, Surfer, ERIC (Electric Resistivity Imaging Control; geophysical data-collection program), Res2DInv (geophysical interpretation program), PhotoShop

OTHER

I love to travel; lived in the Middle East for 7 years as a child, first in Oman from 1984-87 and later in Qatar from 1992-96. My English skills were mainly acquired here, as I attended British and American international schools in these years.

PRESENTATIONS & PUBLICATIONS

Christiansen, C., Wood, J.S.A., Broholm, M.M., Bauer-Gottwein, P., Bjerg, P.L. (2006): Experiences with Environmental Fracturing: Performance of Pneumatic Fracturing. In Workshop Proceedings of the 1st European Workshop on In Situ Stimulation and Remediation of Contaminated Fractured Soils (Stresoil), 28-29 September 2006, Szczecin, Poland. www.stresoil.com.

Christiansen, C., Riis, C., Christensen, S.B., Broholm, M.M., Christensen, A.G., Klint, K.E.S., Wood, J.S.A., Bauer-Gottwein, P., and Bjerg, P.L. (2007): Evaluation of environmental fracturing as a remediation aid in clayey till. In Conference Proceedings of the 2007 U.S. EPA / NGWA Fractured Rock Conference, 24-26 September, Portland, Maine, USA.

Christiansen, C. M., Riis, C., Christensen, S.B., Broholm, M.M., Christensen, A.G., Klint, K.E.S., Wood, J.S.A., Bauer-Gottwein, P., Bjerg, P.L. (2008): Characterization and Quantification of Pneumatic Fracturing Effects at a Clay Till Site. *Environmental Science and Technology* **2008**, 42 (2), 570-577.

Christiansen, C., Wood, J.S.A., Broholm, M.M., Bauer-Gottwein, P., Bjerg, P.L. (2007): Review of Environmental Fracturing: Performance of Pneumatic and Hydraulic Fracturing at Clay Sites. Due for submission to *Journal of Hydrology* March 2008.