

CURRICULUM VITAE  
**JENS SØNDERGAARD**

<b>Address:</b>	<b>Donsevej 17 DK-2970 Hørsholm, Denmark</b>	<b>Civil status:</b>	<b>Unmarried, lives together with Kristine</b>
<b>Phone:</b>	<b>+ 45 22 48 21 48</b>	<b>Date of birth:</b>	<b>16. May 1975</b>
<b>Email:</b>	<b>jenssoendergaard@hotmail.com</b>	<b>Nationality:</b>	<b>Danish</b>
<b>Homepage:</b>	<b>www.JensSondergaard.com</b>	<b>Children:</b>	<b>Liva (2008)</b>

**SELECTED ADVENTURE-RELATED EXPERIENCES**

**Around Denmark by seakayak** – trying to seek adventures near home, I completed a record solo 1,200 km circumnavigation in 24 days. 2008

**Bicycling solo across the Last Himalayan Kingdom** – cycled 1,000 kilometers west-east across the isolated, mountainous Kingdom of Bhutan and trekked to the remote land of the Layap yakherders. 2007.

**Seakayak-circumnavigating the Island of New Caledonia in the South Pacific Ocean** – paddled 900 kilometers around this rugged, windswept island with Kristine Korsgaard encountering sea snakes, big waves and whales during the 4-week endeavor. 2006.

**Paddling in the tropical paradise of the Fiji Islands** – completed a 3-week and 700 kilometer seakayak-circumnavigation of the Vanua Levu Island – one of the two main islands of Fiji - with Kristine Korsgaard. 2005.

**Mountaineering in Patagonia** – visited one of the wildest, stormiest mountain ranges in the world, situated on the tip of South America, and climbed the peak of Aguja Guillaumet. 2003.

**Climbing Denali, the highest peak in Alaska** – participated in a two-man expedition to the 6,184 m Denali, often named the coldest mountain on earth, and did a successful ascent of the Upper West Rib route. 2003.

**High mountains, avalanches and bandits in Bolivia** – a two-man adventure into the heart of South America with an epic ascent of the remote 6,368 m Illampu among others. 2002.

**Bigwall climbing in South Greenland** – established a new route on the West Face of Ulamatorsuaq in the Tasermiut Fiord. The climb involved 900 vertical meters of rock climbing and camping on the wall for seven continuous days. 2000.

**High-altitude mountaineering in Peru** – ascended what is said to be two of the world's most beautiful peaks - Alpamayo and Artesanraju - as well as Peru's highest mountain, the 6,768 m Huascaran. 1999.

**Alone on a Bigwall** – climbed the granite monolith of El Capitan in California twice by the routes of Tangerine Trip and Zodiac. The last route was done solo and took 5 days with 4 nights spent camping on the 600 meter overhanging cliff. 1998.

**Frozen waterfalls** – climbed numerous frozen waterfalls in Europe, including the first Danish ascent of Hydnefossen in Norway and an ascent of Juvsojla (both are graded WI 6). 1998-1999.

**Exploring the European Alps** – ascended numerous classic mountaineering routes, mainly in the Mt. Blanc range, both in summer and in winter, including an epic winter ascent of the Swiss route on the North Face of Les Courtes. 1996-1997.

## **SKILLS**

Seakayaking	Medical skills (basic- and advanced first-aid)
Climbing and mountaineering	Used to conduct fieldwork in rough conditions
Skiing	Solid instrument and laboratory experience
Photography	Reporting
Writing	Teaching
Expedition planning	Oral presentations
Instructing and guiding	

## **RELEVANT JOB EXPERIENCES**

**Research Scientist.** Department of Arctic Environment, National Environmental Research Institute, Roskilde, Denmark. 2009-.

**Ph.D. Fellow.** University of Copenhagen, Denmark and University of Svalbard, Norway. 2005-2008.

**Research Assistant/Consultant.** Analytical Environmental Chemistry Unit, Charles Darwin University, Australia. 2006.

**Research Assistant.** Danish National Environmental Research Institute. Worked at the Zackenberg Field Station, Northeast Greenland. 2004.

**Research Assistant.** Danish Polar Centre. Worked at the Zackenberg Field Station, Northeast Greenland. 2001.

**Climbing Instructor.** Instructing at numerous rock- and ice climbing courses, both at beginner- and advanced levels, for the Danish Mountaineering Club and other outdoor course providers. 1997-2004.

**Sales Assistant.** Part-time work as sales assistant specialized in climbing and skiing equipment in the outdoor retail store 'Fjeld og Fritid' in Copenhagen, Denmark. 1996-2004.

**National Service.** Fire and Rescue Department, The Danish Civil Defense, Hillerød, Denmark. 1995-96.

**Guide/Tour Leader.** Worked in South Greenland for the travelling company Arctic Adventure. 1994.

## **EDUCATION**

**Ph.D. in Analytical Geochemistry.** University of Copenhagen, Denmark & University of Svalbard, Norway. 2005-08.

**Bac. Scient in Chemistry.** University of Copenhagen, Denmark. 2004-08.

**Cand. Scient in Physical Geography.** University of Copenhagen, Denmark. 2000-04.

**Bac. Scient in Physical Geography.** University of Copenhagen, Denmark. 1997-00.

**Authorized Rock Climbing Instructor.** Danish Mountaineering Club. 1997.

**Course in Fire and Rescue operations.** The six-months course was part of my national service and included also advanced and catastrophe first-aid and license to drive trucks. The Danish Civil Defense in Hillerød, Denmark. 1995-96.

**Instructor/B-coach in Telemark-skiing.** The Norwegian Skiing Association (NSF). 1995.

## **SELECTED ADVENTURE-RELATED PUBLICATIONS**

- Søndergaard, J.** (2009). Gennem Himalayas sidste kongedømme – et solo mountainbikeeventyr 1.000 km tværs over Bhutan. Luksus Magazine; 45: 18-22.
- Søndergaard, J.** (2008). Kaledonisk kajakeventyr. Luksus Magazine; 39: 44-48.
- Søndergaard, J.** (2008). Tropiske horisonter - en eventyrlig kajakfærd rundt om fijianske Vanua Levu. Opdag Verden; 2: 12-16.
- Søndergaard, J.** (2005). En dag i giganternes selskab - en klatredag i Patagonien. Klatring. The Danish Mountaineering Club's magazine; 2: 6-12.
- Søndergaard, J.** (2001). De første daner på Hydnefossen. In: Fra drøm til virkelighed - danske bjergbestigninger. The Danish Mountaineering Club's 50 years anniversary-anthology 1951-2001: 40-44.
- Søndergaard, J.** (1999). Alene på El Capitan. Klatring. The Danish Mountaineering Club's magazine: 4-7.

## **SELECTED SCIENTIFIC PUBLICATIONS**

- Søndergaard, J.** (2008). Contamination from arctic coal mining. Ph.D. Thesis, University of Copenhagen, Denmark. 117 p.
- Søndergaard, J.**, Elberling, B., Asmund, G. (2008). Metal speciation and bioavailability in acid mine drainage from a high Arctic coal mine waste rock pile: temporal variations assessed through high-resolution water sampling, geochemical modelling and DGT. Cold Regions Science and Technology; in press.
- Søndergaard, J.** (2007). In situ measurements of labile Al and Mn in acid mine drainage using diffusive gradients in thin films. Analytical Chemistry; 79: 6419-6423.
- Søndergaard, J.**, Elberling, B., Asmund, G., Gudum, C., Iversen, K.M. (2007). Temporal trends of dissolved weathering products released from a high arctic coal mine in Svalbard (78°N). Applied Geochemistry; 22: 1025-1038.
- Elberling, B., **Søndergaard, J.**, Jensen, L.A., Schmidt, L.B., Hansen, B.U., Asmund, G., Balić-Žunić, T., Hollesen, J., Hanson, S., Jansson, P-E, Friberg, T. (2007). Arctic Vegetation Damage by Winter-generated Coal Mining Pollution Released upon Thawing. Environmental Science and Technology; 41: 2407-2413.
- Elberling, B., Jakobsen, B.H., Berg, P., **Søndergaard, J.**, Sigsgaard, C. (2004). Influence of Vegetation, Temperature, and Water Content on Soil Carbon Distribution and Mineralization in Four High Arctic Soils. Arctic, Antarctic and Alpine Research; 36(4): 528-538.
- Søndergaard, J.** (2004). Subsurface CO<sub>2</sub> dynamics in a high arctic tundra ecosystem. Unpublished Master thesis, University of Copenhagen, Denmark. 86 p.

## **ADDITIONAL**

Placed #1 and #3 in two mountain photo competitions (2002 and 2005) held by The Danish Mountaineering Club.