

Curriculum Vitae Sara-Sofia Asp

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Work Experience

- Jan 2023 – SMHI, Senior Hydrologist, Hydrological research department (on going)**
Senior hydrologist, Quality issues, Operational hydrology and forecasting, Project Management, Hydrologist on duty.
- Jan 2015 – Dec 2022 SMHI, Group manager, Hydrological forecast and warning service**
Responsibility of staff, economy, planning and the national operational hydrological operations, development of the hydrological forecast and warning service, strategical development, crises management, project management, internal and external communication, Hydrologist on duty.
- May 2008 – Dec 2014 SMHI, Hydrologist, Core service and statistics**
System Management, Project Management, analyzes and investigations, hydrological modelling, Hydrologist on duty 2007-2010.
- Jan 2006 – May 2008 SMHI, Hydrologist, Hydrological research department**
Hydrological modelling and climate change, Hydrologist on duty 2007-2010.
- June 2005 – Dec 2006 SMHI, Project Employment, Hydrological research department**
Hydrological modelling
- 1997 - 2005 different smaller jobs such as substitute teacher primary school, airport controller e.tc.*

Education

- 2005 - > 2021 Media training, SMHI
2021 Stabsutbildning, SMHI
2017 – 2018 Management development program, SMHI
2017 Communication, SMHI
2013 Project Management, ESI
2010 Project Management PPS, Tieto
- 2005 (spring) Complementary education to become a teacher (started but not finished)
- 2003 – 2004 PhD student in Aquatic Environmental Analysis, Uppsala University (Started but not finished) including teaching. Courses as a PhD student: predictive limnology, Global Change, Climate and societal changes, Water directive, Pedagogical course.
- 1996 – 2002 M.Sc. in Hydrology, Uppsala University, Sweden
- 1995 – 1996 Natural science, Komvux Vänersborg, Sweden
- 1994 – 1995 Social Sciences, Swedish School (gymnasium), Nairobi, Kenya
- 1992 – 1993 Exchange student, Jefferson High School, Helena, Montana, USA
- 1991 – 1993 Social Sciences, Birger Sjöberg gymnasium, Vänersborg, Sweden

Other

- Nationality Swedish
Languages Swedish (fluent), English (fluent)

Articles/Reports

Marie Bergstrand, Sara-Sofia Asp och Göran Lindström. Nationwide hydrological statistics for Sweden with high resolution using the hydrological model S-HYPE. *Hydrological Reserarch* (2014) 45.3 349-356.

Andréasson, Gardelin, Hellström och Bergström. Dammsäkerhet. Känslighetsanalys av Flödeskommitténs riktlinjer i ett framtida förändrat klimat. *Elforsk Rapport 06:80*

Sten Bergström, Sara-Sofia Hellström och Johan Andréasson. 2006. Nivåer och flöden i Vänerns och Mälarens vattensystem – hydrologiskt underlag till Klimat- och sårbarhetsutredningen. *SMHI Reports Hydrology nr 20. 2006.*

Bengt Carlsson, Sten Bergström, Johan Andréasson och Sara-Sofia Hellström. 2006. Framtidens översvämningsrisker. *SMHI Reports Hydrology nr 19, 2006.*

Håkanson, L., Blenchner, T., Bryhn, A. and Hellström, S-S. 2004. The influence of calcium on the Chlorophyll phosphorus relationship and lake Secchi depths. *Hydrobiologia* (2005) 537: 111 – 123.

Selected contributions to conferences

S. Bergström, S.-S. Hellström and J. Andréasson. Future flood risks around the big Swedish lakes. *Konferensbidrag till Climate and Water sep 2007. (co-author)*

J. Olsson, P.Graham, J.Rosberg, S.-S. Hellström, E.Kjellström, R. Berndtsson. Simulation of runoff in the Baltic Sea Drainage Basin During the Past millennium. *Konferensbidrag till BALTEX konferensen, Ösel 4-7 juni 2007. (co-author and oral presentation)*

Johan Andréasson, Sten Bergström, Marie Gardelin and Sara-Sofia Hellström. Climate Change Effects on Dam Safety – A Sensitivity analysis of the Swedish hydrological Dam Safety Guidelines. *Konferensbidrag till European Conference on Impacts of Climate Change on renewable Energy Sources Reykjavik, Iceland june 5-9 2006. (co-author)*