

2019-08-30

## CURRICULUM VITAE

**FAMILY NAME:** Lindström  
**GIVEN NAME(S):** Göran Johannes (male/female)  
**EMPLOYER:** Swedish Meteorological and Hydrological Institute,  
(SMHI), S-601 76 Norrköping, Sweden  
**YEAR OF BIRTH:** 1958  
**NATIONALITY:** Swedish  
**PROFESSION:** Research Hydrologist  
**POSITION IN FIRM:** Research hydrologist  
**YEARS WITH FIRM:** Since 1984

**KEY QUALIFICATIONS:** Experience from:  
Hydrological and hydro-chemical model development and application (mainly the HBV, PULSE and HYPE models)  
Tracer and isotope hydrology  
Statistical hydrology  
Dam safety analysis and spillway design  
Flood forecasting and warnings  
Computer programming and use, both mainframe and PC  
International Projects

**EDUCATION:** 1984; M.Sc. in Hydrology, University of Uppsala, Sweden.  
  
1990; Fil. Lic. in Hydrology, University of Uppsala, Sweden. (Thesis: Hydrological conditions for extreme floods in Sweden)

**PROFESSIONAL SOCIETIES:** Nordic Association of Hydrology (NHF)

**POSITIONS:**  
1982-1983 Participation in various research projects at the University of Uppsala.  
1984- Employed at the hydrological research section at SMHI.  
1992-1994 Head of the water balance research group at SMHI.  
2004- Forecast hydrologist at the operational hydrological flow warning and forecasting service at SMHI.

- 2014-2017      Research leader for hydrology and water quality modelling in Sweden at the Research Department at SMHI.
- 2015-            Senior advisor at the hydrological forecasting and warning services at the SMHI.

**WORK EXPERIENCE AND MAJOR PROJECTS:**

- 1985-1990      Participation in hydrological projects within the development of new Swedish guidelines for determination of spillway design floods.
- 1985-1990      Swedish Integrated Groundwater Acidification Project
- 1987             SMHI representative in the WMO real-time inter-comparison of hydrological models, Vancouver, Canada.
- 1987-1988      SMHI Streamflow Forecasting project in Río Cauca, Cali, Colombia. Client: BITS.
- 1989-1990      SMHI Streamflow Forecasting project in Central America, (Panamá, Costa Rica, Nicaragua, Honduras, El Salvador and Guatemala). Client: SIDA.
- 1990-1991      SMHI Streamflow Forecasting project in Río Cauto, Bayamo and La Habana, Cuba. Client: BITS.
- 1991-1996      Climate Change and Energy Production, Nordic Council of Ministers.
- 1993-1996      Responsible for development of the HBV-96 hydrological model version.
- 1998-2003      Research participant in the Swedish Regional Climate Modelling Programme (SWECLIM).
- 1998-2004      Research participant in the water strategic Swedish water management research (VASTRA).
- 2003-2006      CE (Climate Change and Renewable Energy Sources), Statistical working group.
- 2004-2006      MSB project on Flood forecasts in areas with incomplete data.
- 2005-2007      Project leader in the development of the HYPE (Hydrological Predictions for the Environment) model.
- 2005-2009      Projects on groundwater recharge in present and future climates for SGU, Swedish Geological Survey.

2007-2010	CES (Climate Change and Energy Systems), Statistical working group.
2008-	Project leader in the development and set-up of S-HYPE, a high-resolution HYPE model for water quality and flood forecasting in Sweden.
2013-2017	SWITCH-ON EU Project.
2014-2015	CLEO (Climate Change and Environmental Objectives), Phase 2, Steering group.
2014-2016	Pathogen modelling, MSB project
2017-2019	Project leader on droughts and low flows, for HaV

*And many more projects on hydrological modelling, forecasting, trend studies, statistics, water quality, dam safety analysis...*

#### **COMMUNICATION SKILLS:**

Large number of presentations at conferences etc. Lecturing at university courses on hydrology and hydrological modelling.

#### **COMPUTER SKILLS:**

Programming in FORTRAN77 and FORTRAN95, BASIC, PostScript, Windows Command Scripts, good command of Microsoft Office™ tools, visualisation and graphics software.

#### **JOB RELATED SKILLS:**

Project leading. Driving license B.

#### **LANGUAGE CAPABILITY: (poor, fair, good, excellent)**

	<b>SPEAKING</b>	<b>READING</b>	<b>WRITING</b>
Swedish	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent
Spanish	Excellent	Excellent	Excellent
French	Fair	Fair	Poor
German	Poor	Poor	Poor

<b>YEAR</b>	<b>CONFERENCE</b>	<b>CONTRIB.</b>
2014	Nordic Hydrological Conference, Stockholm, 11-13 August 2014	Presentation
2013	IAHS/IAPSO/IASPEI Joint Assembly, Göteborg, 22-26 July 2013	Presentation
2012	IAHS 90th Anniversary, Delft, PUB Symposium, Delft, The Netherlands, October 23-25, 2012	Presentation
2008	Nordic Hydrological Conference, Reykjavik, Iceland, August	Presentation

	11-13, 2008	
2006	European Conference on Impacts on Climate Change on Renewable Energy Sources, Reykjavik, Iceland, 5-9 June 2006	Presentation
2006	International Workshop on Ensemble Prediction and Uncertainties in Flood Forecasting in Bern, Switzerland, 30-31 March 2006	Presentation
2004	Nordic Hydrological Conference, Tallinn, Estonia, 8-12 August 2004	Presentation
2003	IAHS at IUGG, Sapporo, Japan, 30 June-11 July 2003	Presentation
2002	AGU Fall meeting, San Francisco, 6-10 December 2002	Poster
2002	Nordic Hydrological Conference, Röros, Norway, 4-7 August 2002	Presentation?
2001	European Geophysical Society Meeting, Nice, 25-30 March 2001	Presentation?
2000	Nordic Hydrological Conference, Uppsala, Sweden, 26-30 June 2000	Presentation & poster
2000	Workshop in Distributed Hydrological Modelling, Leuven, Belgium, 12-15 April 2000	Trol ej
2000	International Workshop on Runoff Generation, Freiburg, Germany, 9-12 October 2000	Presentation
1999	IAHS at IUGG, Birmingham, 18-30 July 1999	Presentation
1998	Nordic Workshop on HBV and Similar Runoff Models, Helsinki, 19-20 November 1998	Trol ej
1996	Nordic Hydrological Conference, Akureyri, Iceland, 13-15 August 1996	Presentation
1996	Hydrologidagarna, Göteborg, 21-22 March 1996	Presentation
1995	European Geophysical Society Meeting, Hamburg, Germany, April 3-7, 1995	Presentation
1993	XVIII General Assembly, European Geophysical Society, Wiesbaden, Germany, 3-7 May 1993	Presentation
1992	Nordic Hydrological Conference, Alta, Norway, 4-6 August, 1992.	Poster?
1990	International Conference on Acidic Deposition, Glasgow, 16-21 September 1990	Poster
1990	Nordic Hydrological Conference, Kalmar, Sweden, 29 July - 1 August 1990	Presentation
1988	Aulanko meeting on Acidification, Aulanko, Finland, 5-8 July 1988	Trol ej
1987	International Symposium on Acidification and Water Pathways. Bolkesjö Norway 4-8 May 1987	Presentation
1986	Nordic Hydrological Conference, Reykjavik, Iceland, August 11-13, 1986	Presentation
1986	Second Scientific Assembly of IAHS, Budapest, Hungary, July 1986.	Presentation
1986	Nordic Symposium on Climatological Extremes in the mountains, Abisko, Sweden, 18-20 March 1986	Presentation

HYPE Open Source Bruxelles  
HYPE Open Source Stockholm

Presentation  
Presentation