

# Lars-Ove Lång

## Selected publications

- Lång, L.-O. & Persson, T., 2011: Hydrogeological map of the community of Vårgårda. – SGU, K 130. (description in Swedish).
- Lång, L.-O. & Persson, T., 2011: Hydrogeological map of the community of Härryda. – SGU, K 131. (description in Swedish).
- Lång, L.-O. & Persson, T., 2011: Hydrogeological map of the community of Partille. – SGU, K 132. (description in Swedish).
- Lång, L.-O. & Persson, T., 2011: Hydrogeological map of the community of Lerum. – SGU, K 134. (description in Swedish).
- Lång, L.-O. & Persson, T., 2011: Hydrogeological map of the community of Alingsås. – SGU, K 135. (description in Swedish).
- Lång, L.-O., 2009: Hydrogeological map of the community of Göteborg. – SGU, K 109. (description in Swedish).
- Lång, L.-O., Klarqvist, M. & Zetterberg, T., 2008: Chemistry of small streams and characterisation of the catchments i SKOKAL-areas – data for estimating the effects of liming of forest soils on surface water. – IVL- rapport B 1773, 36 pp. (in Swedish)
- Löfgren, S., Zetterberg, T., Larsson, P.-E., Cory, N., Klarqvist, M., Kronnäs, V. & Lång, L.-O., 2008: The effects of forest liming on soil, groundwater and surface water in the SKOKAL-areas 16 years after treatment. – Swedish Forest Agency, Report 16-2008. Jönköping, 124 pp. (in Swedish)
- Aastrup, M., Åsman, M., Lång, L.-O., Lewin Pihlblad, L., Källgården, J. & Rodhe, L., 2008: Short manual for practical implementation of the Water Framework Directive 2008 – 2012 regarding groundwater. – SGU. Dnr: 08-1346/2008. 23 pp. (unpublished report SGU in Swedish)
- Lång, L.-O., 2008: Hydrogeological map of the community of Uddevalla. – SGU, K 108. (description in Swedish).
- Johansson, O., Lång, L.-O., Thunholm, B., Persson, T. & Tunemar, L., 2008: Characterisation of groundwater chemistry in Sweden based on geographic region and environmental factors. – EU Groundwater Policy Development, Good Status Objectives and Integrated management Planning, 13-15 November 2008, UNESCO, Paris, France, 81. (abstract)
- Lång, L.-O. & Persson, T., 2007: Hydrogeological map of the community of Mölndal. – SGU, K 63. (description in Swedish).
- Lång, L.-O., Tunemar, L., Ahlström, L., Hedlund, F., Jirner Lindström, E., Maxe, L. & Mellqvist, E., 2007: – Methodology for collecting data to the Water Supply Archive at SGU. SGU-rapport 2007:5. 10 pp. (in Swedish).
- McCarthy J., Lång, L.-O. & Åsman, M., 2006: Methods for the characterisation of groundwater basins in Sweden for implementation of the WFD. – In: XXIV Nordic Hydrological Conference 2006. Nordic Association for Hydrology, Vingsted, Danmark, 6-9 August 2006. Eds: J. Chr. Refsgaard & A. Lajer Højberg. NHP Report No. 49, p. 559-566.
- Lång, L.-O., Olofsson, B., Mellqvist, E., Ojala, L., Maxe, L. & Thorsbrink, M., 2006: Description of groundwater in coastal areas related to the national environmental objectives. – SGU-rapport 2006:24. 44 pp. (in Swedish)
- Lång, L.-O. & Thunholm, B., 2005: Evaluation of groundwater monitoring in the county of Västra Götaland. – SGU-rapport 2005:38. 32 pp. (in Swedish)
- Lång, L.-O., & Snäll, S. 2005: Geological characterisation of a small catchment at Tostared, Marks kommun. – SGU-rapport 2005:11. 22 pp. (in Swedish)
- Nyström, U. & Lång, L.-O., 2005: Using standard geological database in planning lime and ash treatment to counteract soil- and water acidity in forested catchments. – I: Hunová (red): Conference Abstracts, Acid Rain 2005, 7<sup>th</sup> International Conference on Acid Deposition, Prague, Czech Republic, June 12-17, 2005, 516. (abstract)

- Mellqvist, E., Lång, L.-O. & Thorsbrink, M., 2003: The Water Supply Archive at SGU – status report 2002. – SGU-rapport 2003:3. 26 pp. (in Swedish)
- Lång, L.-O., Stejmar Eklund, H. & Graffner, O., 2003: Methodology for delineating groundwater recharge areas. – SGU-rapport 2003:22. 16 pp. (in Swedish).
- Lång, L.-O. & Thunholm, B., 2002: Geological information and modelling in small catchments. – SGU-rapport 2002:43. 84 pp. (in Swedish)
- Eliasson, T., Engdahl, M., Klingberg, F., Lundqvist, I., & Lång, L.-O., 2001: Urban geological mapping in the municipality of Göteborg, Sweden. – In: New Paradigms for the Prediction of Subsurface Conditions - EuroConference on the Characterisation of the Shallow Subsurface: Implications for Urban Infrastructure and Environmental Assessment, Spa, Belgium 2001. p. 2 st
- Lång, L.-O., Book, S., Bramstång, O., Hellgren, L.-G. & Oscarsson, R., 2000: Groundwater mapping in Göteborg. – In: XXI Nordic Hydrological Conference. Nordic Association for Hydrology, Uppsala, Sweden, 26-30 June 2000. Ed: Torbjörn Nilsson. NHP Report No. 46, Vol 2, p. 578-584.
- Engdahl, M., Eliasson, T., Lång, L.-O. & Selinus, O., 2000: Urban geological mapping in Sweden, The Göteborg case study. – Abstract CD; 31<sup>st</sup> International Geological Congress, Rio de Janeiro, Brazil August 6-17 aug 2000.
- Andersson, M., Carlsson, M. & Lång, L.-O., 2000: Investigation of deep soil profiles. – SGU-rapport 2000:15. 31 pp. (in Swedish)
- Lång, L.-O., 2000: Heavy mineral weathering under acidic soil conditions. – Applied Geochemistry 15, 415-423.
- Lång, L.-O., 1999: The effects of geochemical och mineralogical conditions on the groundwater chemical composition in till and glaciofluvial deposits in northern Värmland. – SGU, Rapporter och meddelanden 101. Uppsala. 80 pp. (in Swedish)
- Lång, L.-O. & Stevens, R. L., 1999: Source, transport and weathering influence upon grain size and heavy-mineral trend in coarse, glacial soils of south-western Sweden. – GFF 121, 145-153.
- Lång, L.-O., Aastrup, M. & Lewin-Pihlblad, L., 1998: Weathering and ion exchange reactions in soil layers: Data for groundwater modelling. – In: Integrated Monitoring: Environmental Assessment through Model and Empirical Analysis. Final results from an EU/Life-project. Eds: M. Forsius, R. Guardans, A. Jenkins, L Lundin & K E Nielsen. Finnish Environment Institute, The Finnish Environment 218, p. 62-70. Helsinki.
- Lång, L.-O. & Stevens, R. L., 1996: Weathering variability and aluminum interlayering: Clay mineralogy of podzol profiles in till and glaciofluvial deposits, SW Sweden. – Applied Geochemistry 11, 87-92.
- Lång, L.-O. & Swedberg, S., 1995: Selection of Springs for the Groundwater Monitoring Program in the Province of Göteborg and Bohus, SW Sweden. - In: P Grennfelt, H Rodhe, E Törnelöf & J Wisniewski (eds.) Acid Reign '95?. Proceedings from the 5th International Conference on Acidic Deposition. Göteborg, Sweden, 26-30 June 1995. Water, Air, and Soil Pollution 85, 1837-1842.
- Lång, L.-O., 1995: Mineral Weathering Rates and Primary Mineral Depletion in Forest Soils, SW Sweden. – Ecological Bulletins 44, 100-113.
- Lång, L.-O. & Pettersson, K., 1990: A Comparison Between the Chemical Composition of Urban and Rural Groundwaters. – Proceedings of the Fifth International Conference on Urban Storm Drainage, Suita, Osaka, Japan, July 23-27, 1990. Vol. 1, 487-492.
- Lång, L.-O. & Swedberg, S., 1990: Occurrence of Acidic Groundwater in Precambrian Bedrock Aquifers, Southwestern Sweden. – Water, Air, and Soil Pollution 49, 315-328.
- Lång, L.-O., Swedberg, S. & Jonasson, S. A., 1986: Aluminum in private wells in western Sweden. - Water Quality Bulletin 11, no 3, 160-164.