Curriculum Vitae

Name	Bodil Charlotta Pers
Birthdate	April 23, 1971
Nationality	swedish

Examina and employment

2000-	Researcher at Swedish Meteorological and Hydrological Institute, Norrköping, tasks: responsible for the hydrological model code (HYPE), research and development on hydrological processes and modelling
2000	Ph.D at the Department of Water and Environmental Studies, Linköping University. Supervisor: Professor Lars Rahm.
1995	Master of Science in Applied physics and electrical engineering, Linköping University

Recent peer-reviewed publications

Hankin, B., Strömqvist, J., Burgess, C., Pers, C., Bielby, S., Revilla-Romero, B., and L. Pope, 2019. A New National Water Quality Model to Evaluate the Effectiveness of Catchment Management Measures in England. Water 2019, 11, 1612. DOI: 10.3390/w11081612

Strömbäck, L., Pers, C., Strömqvist, J., Lindström, G., and J. Gustavsson, 2019. A web based analysis and scenario tool for eutrophication of inland waters for Sweden and Europe. Environmental Modelling & Software, 111:259-267, DOI: 10.1016/j.envsoft.2018.07.012

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Olsson, J., Pers, B.C., Bengtsson, L., Pechlivanidis, I., Berg, P., and H. Körnich, 2017. Distance-dependent depth-duration analysis in high-resolution hydro-meteorological ensemble forecasting: a case study in Malmö City, Sweden. Environmental Modelling and Software. 93:381-397, DOI: 10.1016/j.envsoft.2017.03.025.

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Arheimer, B., and B.C. Pers, 2016. Lessons learned? Effects of nutrient reductions from constructing wetlands in 1996-2006 across Sweden. Ecological Engineering, http://dx.doi.org/10.1016/j.ecoleng.2016.01.088.

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Winterdahl, M., H. Laudon, S. W. Lyon, C. Pers, and K. Bishop, 2016. Sensitivity of stream dissolved organic carbon to temperature and discharge: Implications of future climates, J. Geophys. Res. Biogeosci., 121, 126–144, doi:10.1002/2015JG002922.

Blenckner, T. A. Elliott, H. Markenstein, C. Pers and S. Thackeray, 2010. Chapter 15 Modeling the Effect of Climate Change on the Seasonal Dynamics of Phytoplankton, In: D. G. George (ed.), The Impact of Climate Change on European Lakes, Aquatic

Ecology Series 4, doi:10.1007/978-90-481-2945-4_15, Springer, Dordrecht Heidelberg London New York, pp: 275-292.

Lindström, G., Pers, C. Rosberg, J., Strömqvist, J. and B. Arheimer, 2010. Development and test of the HYPE (Hydrological Predictions in the Environment) model - A water quality model for different spatial scales, Hydrology Research, Hydrology Research, 41(3-4): 295-319.

Recent other publications

Ivarsson, C.-L., Olsson, J., Pers, C. and Y. Hundecha, 2017. High-resolution ensemble flood forecasting: A case study in Höje å, Sweden, Vatten - Journal of Water Management and Research 73: 85–92.

Olsson, J., Berg, P., Pers, C., Norin, L. and L. Simonsson, 2014. Radar-observed precipitation and high-resolution flood forecasting in Sweden, Proceedings of XXVIII Nordic Hydrological Conference (Nordic Water), 11-13 August, Stockholm, Sweden.

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