

CV

Name **Hans Estrup Andersen**
Position Senior Scientist, Head of Section
Work place Institute of Ecoscience, Faculty of Technology, University of Aarhus, Denmark
Email hea@ecos.au.dk
Web au.dk/en/hea@bios.au.dk

Key qualifications

Catchment management
Eco-hydrological modelling
Nutrient and sediment dynamics in agricultural landscapes

Employments

2017 – now Head of Section for Catchment Analysis and Environmental Management
2007 – now Senior Scientist at Institute of Bioscience, Faculty of Science and Technology, University of Aarhus
1991 – 2007 Scientist and Senior Scientist at the National Environmental Research Institute, Department of Freshwater Ecology
1995 – 2003 Ph.D study the Royal Veterinary and Agricultural University, Copenhagen
1990 – 1991 Research stay at the Soil Erosion Laboratory, University of Toronto, Canada

Education

2003 Ph.D. Soil Science and Hydrology, the Royal Veterinary and Agricultural University, Copenhagen
1991 M.Sc. Soil Science and Hydrology, the Royal Veterinary and Agricultural University, Copenhagen

Managerial skills

- Danish project leader (2013-2017) of “VOLTRES”, a joint project with CSIR Water Research Institute, Ghana, on the effects of climate change on the Volta Lake (funded by DANIDA).
- Work package coordinator (2009-2012) in "MONITECH" on restoring the hydrology of wetlands (funded by the Danish Strategic Research Council).
- Work package coordinator (2009-2011) in “RECOCA” on the relationship between agriculture and aquatic quality of the Baltic Sea (funded by BONUS+).
- Work package coordinator (2010-2016) in "IMAGE" on hydrology and nutrient flow in catchments (funded by the Danish Strategic Research Council).
- Work package coordinator (2015-2018) in “Go4Baltic” on the coherence, synergies and conflicts, between national and international environmental and agricultural policies across the Baltic countries (funded by BONUS+).
- Danish coordinator of catchment activities in Baltic Nest Institute (<http://www.balticnest.org>).
- Leader of EPA-funded Danish research project Risk Mapping of Diffuse Nutrient Losses in Denmark (<http://www.np-risikokort.dk>).
- Leader of EPA-funded Danish research project Mapping of Phosphorus in Soils and Phosphorus Sensitive Surface and Marine Waters (2017-2020).
- Leader of EPA-funded Danish research project Development of Catalogue of Phosphorus Mitigation Methods (2018 - 2020)
- Leader of two EPA-funded Danish research projects on effects of rewetting of organic soils on nutrient dynamics and GHG emissions (2020 – 2025)

Ph.D. Supervision

Supervisor or co-supervisor of 3 MSc and 3 PhD students.

Publication statistics

Author or co-author of 75 peer-reviewed scientific papers (h-index = 36, 5775 citations, Google scholar) and 130+ other scientific publications and technical reports.