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Short presentation

My research concentrates on ecosystem responses to air pollution and climate change - in particular impacts on ecosystem functioning and feedback to the atmosphere. I have in particular used ecosystem manipulation to understand these impacts - latest through the VILLUM foundation Centre of Excellence CLIMAITE, where KU, DTU and AU collaborated to investigate impacts of single and multifactor climate change on shrubland ecosystems. Currently my particular research focus is on extreme events and impacts on ecosystem functioning

Employment

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Secretariat

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1 May 2015 → nu

Research Director

NIVA - Norsk Institut for Vannforskning

Oslo, Norway

1 Aug 2013 → 1 May 2015

Head of Research Center

Technical University of Denmark

Kongens Lyngby, Denmark

1 Jan 2012 → 1 Aug 2013

Head of Research Programme

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1 May 2006 → 31 Dec 2011

Senior Researcher

Forskningscenter Risø

Roskilde, Denmark

1 Jun 1996 → 30 Apr 2006

Senior Researcher

Forskningscentret for Skov & Landskab

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1 May 1992 → 31 May 1996

PostDoc

Technical University of Denmark

Kongens Lyngby, Denmark

1 Aug 1989 → 30 Apr 1992

PhD

Technical University of Denmark
Kongens Lyngby, Denmark
1 Apr 1985 → 31 Jul 1989

Publications

Mapping and characterising tree mortality in California at individual tree level using deep learning

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Exploring the impacts of unprecedented climate extremes on forest ecosystems: hypotheses to guide modeling and experimental studies

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Long-term and realistic global change manipulations had low impact on diversity of soil biota in temperate heathland

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Responses of enchytraeids to increased temperature, drought and atmospheric CO₂: results of an eight-year field experiment in dry heathland

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Other

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