

# SIGNE NORMAND

## PERSONAL DATA

Born 26 June 1979. Married, 3 children, Danish

Phone: +45 23 71 80 09

Email: [signe.normand@bio.au.dk](mailto:signe.normand@bio.au.dk)

URL: [www.signenormand.net](http://www.signenormand.net)

Languages: Danish, English, German



## EDUCATION

Ph.D. in Biology, 25th April 2010, Aarhus University (AU)

M.Sc. in Biology, 2006, AU; B.Sc. in Biology, 2004, AU

## POSITIONS

Professor, Nov. 2019–

Ecoinformatics & Biodiversity, Department of Biology, AU, DK

*director of* SustainScapes, Center for Sustainable Landscapes under Global Change, AU, DK

*co-director of* Land-CRAFT, Center for Landscape Research in Sustainable Agricultural Futures, AU, DK

## RESEARCH PROFILE

I am a macro- and vegetation ecologist dedicated to understanding responses of individuals, species, communities, and biodiversity to natural and anthropogenic drivers, and to providing methodological progress for improved monitoring and models of biodiversity dynamics. The goal of my research is to find answers to fundamental questions in ecology, but also to inform nature conservation about the impact of global change on biodiversity and ecosystems. Overall, my research has four main components: (i) empirical studies to gain insight on the drivers of ecological patterns and responses across time and space, (ii) the improvement and development of actionable models of future global change impact on biodiversity, (iii) utilizing the potential of drone-based remote sensing in combination with air- and satellite-borne remote sensing for monitoring, understanding, and predicting vegetation and biodiversity dynamics, and (iv) creating the scientific basis for spatially explicit local to global sustainable solutions that contribute to the recovery of biodiversity.

## LEADERSHIP EXPERIENCE & DISTINCTIONS - selected

Chair of the Danish Biodiversity Council (Biodiversitetsrådet 2021-); Board Member Den Danske Klimaskovfond (2021-), Member of The Royal Danish Academy of Sciences and Letters, Denmark (2022-), Victor Albeck Award, Aarhus University Research Foundation (2022), Elite Research Prize, the Ministry for Higher Education and Science Denmark (2021).

## TEACHING & SUPERVISION

In total, I have taught in more than 20 different courses or workshops. Mentored (total/ongoing): 3/3. Supervised and co-supervised 15/3 postdocs, 16/7 PhD students, 25/4 MSc students, 31/2 BSc. Followed four courses in University pedagogics.

## OUTREACH

Reports and newspaper articles, public talks, interviews, and teaching material and activities for children. Talks at the Public University, Bloom science festival, for high school students, biology teachers, and journalists. Development of teaching program in Biodiversity (for the science clubs in Denmark), teaching at local school. Leader of botanical excursions in Denmark, to Corsica and Switzerland, as well as guided groups of all ages in the Greenhouses in Aarhus botanical garden.

## PUBLICATIONS

91 *peer-reviewed articles* in international scientific journals, of these 5 in high-ranked journals (i.e. Nature and related journals, Science Advances) and 19 other non-peer reviewed scientific publications. *Researcher ID*

<http://www.researcherid.com/rid/A-1561-2012>; *Google Scholar Citations*

[http://scholar.google.com/citations?user=6vQ\\_7H8AAAAJ&hl=en](http://scholar.google.com/citations?user=6vQ_7H8AAAAJ&hl=en); *ORCID* <http://orcid.org/0000-0002-8782-4154>

*Citation statistics:* ISI Web of Science: 6,715 citations, H = 35. Google Scholar: 11,197 citations, H = 41.