

**Speaker:** Prof. Dr. Eske Willerslev  
University of Copenhagen, Denmark  
Globe Institute Lundbeck Foundation  
GeoGenetics Centre



**Title:** Ancient Environmental Genomics Initiative for Sustainability

**Time:** Tuesday, May 7, 2024, 2 pm

**Place:** IPK Lecture Hall and via Zoom (Hybrid Meeting)

<https://ipk-gatersleben->

[de.zoom.us/j/67887379820?pwd=ay9HVDB5dTBNCzg0RS9SME1CZjA4UT09](https://ipk-gatersleben-de.zoom.us/j/67887379820?pwd=ay9HVDB5dTBNCzg0RS9SME1CZjA4UT09)

Meeting-ID: 678 8737 9820

Kenncode: 550280

**Abstract:**

*The AEGIS Project*

During this talk I will introduce the AEGIS project, which aims to improve the resilience of crops and cropping systems by using “nature’s” past solutions to climate change. The talk will cover: the rationale behind AEGIS, and introduction to Environmental DNA and Ancient DNA that constitutes the methodological backbone of AEGIS, as well as a few preliminary findings.

**ACADEMIC APPOINTMENTS**

- Excellence Professor, Research Faculty, Bremen University, Germany (2019-)
- Prince Philip Chair of Ecology and Evolution, Dept. Zoology, Cambridge University (2015-2024)
- Research Associate, Wellcome Sanger Institute, Cambridge (2015-2000)
- Miller Visiting Professor, UC Berkeley, USA (2014)
- Professor, Faculty of Health and Medical Sciences, University of Copenhagen (2020- )
- Professor, Danish Natural History Museum, University of Copenhagen (2009-2000)
- Professor, Department of Biology, University of Copenhagen (2006-2009)
- Visiting Professor, Dept. of Zoology, Oxford University (2005-2007)
- Professor (MSO) of Ancient DNA, Niels Bohr Institute, University of Copenhagen (2005-2006)

**RESEARCH LEADERSHIP**

- Director, Centre for Ancient Environmental Genomics (CAEG), University of Copenhagen (2023- )
- Director, Lundbeck Foundation GeoGenetics Centre, University of Copenhagen (2018-2023),
- Centre of Excellence in GeoGenetics, University of Copenhagen (2010-2020),
- GeoGenetics group, University of Cambridge (2015-2024),
- Bremen group, University of Bremen (2019-)
- Section head, Natural History Museum of Denmark, University of Copenhagen (2013-2015)
- Director, Program Pathogens as cause of cancer, University of Copenhagen (2011-2016)
- Director, the Sino-Danish Sequencing Centre (a collaboration between the National Tissue Bank and Sequencing Facility and BGI), University of Copenhagen (2009-2019)
- Director, National Tissue Bank and Sequencing Facility, University of Copenhagen (2009-2012)
- Head, the Evolutionary Biology Section, University of Copenhagen (2007-2008)
- Member, the Fusion Committee, Depts. of Molecular Biology and of Biology, University of Copenhagen (2007-2008)
- Head, the Ancient DNA and Evolution Group, University of Copenhagen (2005-2009) Director, FNU Centre for Ancient Genetics, University of Copenhagen (2005-2009)

*Prof. Dr. Nils Stein (Organizer and host)*