

CV: Nils Christian Stenseth; Research professor of Ecology and Evolution at Department of Biosciences, University of Oslo (<http://www.mn.uio.no/cees/stenseth>)

Professional background

- ▶ Undergraduate degree (**cand. mag.**) at the University of Oslo, 1972 (Biology, Zoology, Mathematics, Statistics, Computer Science and Chemistry)
- ▶ Graduate studies in population biology and ecological modelling (University of Oslo [Arne Semb-Johansson], San Diego State University [Boyd Collier; 1972-73] and University of Sussex, Brighton [John Maynard Smith; 1976]); **Dr. philos.** on March 4, 1978 at the University of Oslo on a study on evolutionary consequences of regular density changes in microtine rodent populations (“*Theoretical studies on fluctuating populations: an evolutionary approach*”).

Appointments held include

- ▶ 1979-1982: Associate Prof of Ecology at the University of Lund, Sweden (1980-1982, part time).
- ▶ 1980-1989: Associate Prof of Population Dynamics at the University of Oslo (from 1985 as Prof).
- ▶ 1990-2003: Professor of Zoology at the University of Oslo.
- ▶ Since 2004: Research Professor of Ecology and Evolution at the University of Oslo.
- ▶ Since 2007: Founding Chair of Centre for Ecological and Evolutionary Synthesis (CEES, www.mn.uio.no/cees) University of Oslo – awarded status as Centre of Excellence from 2007 to 2017 by the Research Council of Norway.

Adjunct scientific positions held include

- ▶ 1990-1992: Founding Director of Centre for Development and the Environment at the Univ of Oslo.
- ▶ Since 2000: Senior/Chief Scientist II, Institute of Marine Research (Flødevigen, Norway).
- ▶ 2003-2008: Founding Chair of EcoClim-NCoE: a Nordic centre for the study of the dynamics of ecological systems under the influence of climatic variation (Universities of Oslo, Lund and Helsinki).
- ▶ 2008-2014: Elected Vice-president/President (alternating years) of the Norwegian Academy of Science and Letters, DNVA (elected member since 1986)
- ▶ Since 2011: Founding Chair of NCoE NorMER (www.normer.org): a Nordic centre for research on marine ecosystems and resources under climate change.
- ▶ Since 2012: Professor II, University of Agder, Norway.
- ▶ Since 2012: President of the International Union of Biological Sciences (IUBS)
- ▶ Since 2013: Professor II (honorary adjunct and unpaid), Addis Ababa University, Ethiopia.
- ▶ Since 2014: Member of the Scientific Council of the European Research Council (ERC)
- ▶ Since 2014: Scientific Advisory to National Center for Disease Control and Public Health, Georgia.

Publications

679 publications; 15 in Science, 18 in Nature and 36 in PNAS. **Cited a total of 19 888 times. h-index: 70** (numbers as listed in ISI January 2015); see also *Google Scholar* and *Research Gate*.

Recent publications include

- Trosvik P, de Muinck EJ & **Stenseth NC** 2014. Biotic interactions and temporal dynamics of the human gastrointestinal microbiota. *The ISME journal* (in press; available online)
- Schmid BV, **Stenseth NC** 2014. Climate-driven introductions of the Black Death and successive plague reintroductions into Europe. *Proceedings of National Academy of Science, Washington* (in press; available on line)
- Stenseth NC et al.** 2006. Plague Dynamics are driven by climate variation. *PNAS. Wash, USA*, **103**, 13110-13115
- Stenseth NC et al.** 2008. Plague: past, present, and future. *PLoS Medicine*, **5**, 9-13
- Liow LH, **Stenseth N.C.** 2008. Higher origination and extinction rates in larger mammals. *PNAS. Wash, USA* **105**, 6090-6102
- Stenseth NC et al.** 2002. Ecological effects of climate fluctuations. *Science* **297**, 1292-1296

Synergistic activities include

- I have trained a large number of students at various levels as well as post docs – most of them on highly disciplinary topics with a solid disciplinary anchoring.
- I have made the **analysis of long-term monitoring data** more popular among my colleagues than it used to be; this includes linking time-series statistical modelling and ecology.
- I play key roles in **international scientific organizations**.
- I do **editorial work** for several journals, including: (1) Associated Editor/Editor of *Proceedings of the Royal Society of London; Series B* (UK; 2005-2008; earlier Board Member of same journal during 1998-2003); and (2) Editor-in-Chief of *Climate Research* (Germany; since 2005).
- **Communicating science to a broader audience**: I put much emphasis on communicating science to a broad spectrum of people through newspaper articles and interviews as well as appearances on TV and Radio. I also contribute commentary articles to *Nature* (News and Views) and to *Science* (Perspectives). I'm regularly organising and hosting public popular science lectures (see <http://www.mn.uio.no/cees/english/research/news/events/public/>). I was awarded The Research Council of Norway's Excellence in Communication of Science Award in 2012.