Short Curriculum Vitae, Niels Martin Schmidt

Scientific profile

Arctic terrestrial ecology with emphasis on interactions between trophic levels, but also species/community responses to climate change. More specifically, climate effects on arctic organisms and their interactions, with a special focus on arctic ungulates, their population ecology, and the climate-induced changes in their food base and their demographics. Highly experienced with telemetry and biologging and with statistical modelling.

Current appointment and functions

Senior scientist
Head of Section, Arctic Ecosystem Ecology Group

Affiliations

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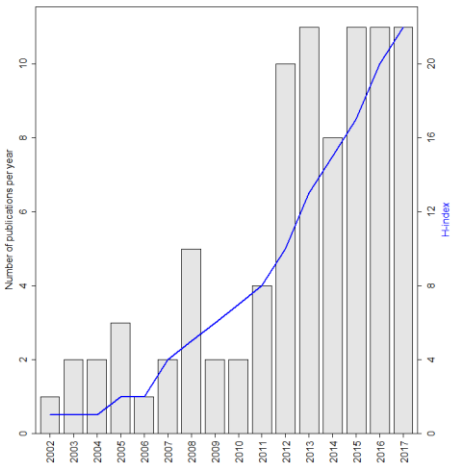
Publication history

So far I have published more than 100 papers in peer reviewed journals, including papers in top-tyre journals (Science (3), Nature Climate Change (5), Ecology Letters (1)). I appear as first author or senior author on 42% of my papers. My scientific production, and thus my H-index, has increased rapidly and consistently over the years (see figure to the right). Currently 103 of my papers are found in Web of Science, with a total of 3683 citations and an H-index of 23 [Based on Researcher ID G-3843-201; accessed 29 October 2018]. Another five papers are in press but not yet in Web of Science.



International relations

Over the years I have been involved in numerous research projects and collaborated with a large number of national and international scientists (please refer to my list of publications for details). However, in particular I have been collaborating closely with professor Tomas Roslin, Swedish University of Agricultural Sciences and University of Helsinki, on mapping out the entire interaction web at Zackenberg in high Arctic Greenland, with professor Rolf Ims, University of Tromsø, on unravelling trophic sys-

tem-wide cascading effects of lemming dynamics in the Arctic, and with professor Susan Kutz, University of Calgary, on unravelling muskox health and ecology.

Management experience
As both Section Head for app. 20 employees, scientific leader of a large research infrastructure in Greenland and project leader of numerous research projects, I have ample experience with leading and carrying through large, multifaceted projects that involves multiple stakeholders.

Supervision of students
During the period 2012-2018 I have supervised 3 and co-supervised 4 PhD students, mentored 2 postdocs, and supervised 8 master students.

Education

2006	PhD degree in analytical population ecology, University of Copenhagen, Denmark. *Climate, agriculture and density-dependent dynamics within and across trophic levels in contrasting ecosystems*
2000	Master degree in Arctic biology, University of Copenhagen. *Spatio-temporal distribution and habitat use of the collared lemming,* Dicrostonyx groenlandicus *Traill, in high arctic Northeast Greenland.*

Relevant employments

2012-present	Head of Section, Arctic Ecosystem Ecology Group, Department of Bioscience, Aarhus University.
2013-2018	Scientific leader of Zackenberg Research Station, NE Greenland, Department of Bioscience, Aarhus University.
2008-present	Senior scientist, Aarhus University, Manager of BioBasis Zackenberg, and coordinator of BioBasis in Zackenberg and Nuuk.
2006-2008	Research scientist, Dept. of Arctic Environment, Aarhus University, Manager of the BioBasis monitoring programme at Zackenberg.
2004-2005	Amanuensis, University of Copenhagen (teacher of zoology and ecology).

Leave of absence
In 2000 and in 2003 I had 26 weeks of paternity leave, and in 2009 I had 11 weeks of paternity leave.

Miscellaneous
Occasional referee for Nature, Journal of Ecology, Global Change Biology, Wildlife Biology, Journal of Avian Biology, PLOS One, Basic & Applied Ecology, Marine Environmental Research, Ecography, Environmental Conservation, Annales Zoologici Fennici, Austral Ecology, etc.