

CURRICULUM VITAE: TORBEN R. CHRISTENSEN



Personal details:

Full name: Torben Røjle Christensen
Date of birth: 7 April 1966
Place of birth: Hørsholm, DK
Nationality: Danish
Married to Graphic Artist
Ann-Britt Broström, three children.

Home address:

Kenny Drewsvej 55, 3tv
2450 København SV
Denmark
Phone: +45 93509049

Affiliation:

Aarhus University, Bioscience,
Frederiksborgvej 399, Risø, 4000 Roskilde,
Denmark
Phone: +45 93509049
Email: torben.christensen@bios.au.dk
Skype: t.r.christensen

Doctoral degree: March 1994 from the Faculty of Earth Sciences and Geography, Cambridge University, England.

Post doctoral positions held

1994-96	Lund University, Department of Ecology, Sweden. European Commission HCM Programme Post Doctoral Fellowship
1996 (April - Nov.)	Assistant Professor, Copenhagen University, Department of Plant Ecology, Sweden
1996 (Nov) – 1998	Assistant Professor (Forskarassistent), Lund University, Section of Plant Ecology, Department of Ecology, Sweden
1998 (Sept.) - 2001	Associate Professor (Forskarassistent, Docent), Lund University, Section of Plant Ecology, Department of Ecology, Sweden
2002 - 2004	Associate Professor (Lecturer, Docent), GeoBiosphere Science Centre, Physical Geography and Ecosystem Analysis, Lund University, Sweden
2004 - 2008	Visiting Professor Royal Swedish Academy of Sciences placed at Abisko Scientific Research Station (part time)
2011 - 2013	Co-leader Greenland Climate Research Center, Nuuk, Greenland
2004 - 2017	Professor, Department of Physical Geography and Ecosystem Sciences, Lund University, Sweden.
2014 - 2017	Affiliated Research Professor (part time) Arctic Research Centre, Aarhus University, Denmark
2018 - 2019	Affiliated Guest Professor, Department of Physical Geography and Ecosystem Sciences, Lund University, Sweden.
2014 -	Scientific Leader, Greenland Ecosystem Monitoring Program
2018 -	Full Professor, Arctic Biogeochemistry, Aarhus University, Denmark
2020 -	Scientific Director, Zackenberg Research Station, NE Greenland

Doctorates as main supervisor

1997-2001: Anna Joabsson (now Ekberg), today academic secretary
2000-2004: Maria Olsrud, today senior researcher
2002-2006: Torbjörn Johansson, today GIS engineer
2005-2008: Margareta Johansson, today international research coordinator
2005-2009: Magnus Lund, today senior researcher
2005-2009: Marcin Jackowitz-Korchynski, today senior research engineer
2006-2010: Mikhail Mastepanov, today senior researcher

2007-2011: Michal Heliasz, today senior research engineer
2009-2012: Julia Bosiö, today high school teacher
2010-2014: Arnaud Heroult, today business consultant
2014-2017: Norbert Pirk, currently post doctoral researcher
2015-2018: Efrén Lopez Blanco, currently post doctoral researcher
2018-ongoing: Johan Scheller
2018-ongoing: Maria Scheel
2019-2020: Junqi Wei (co-supervision)

Post-doctoral researchers in own research group:

Angela Stewart (2000-2001); Justin Travis (2000-2002); Sanna Saarnio (2001-2002); Lena Ström (2002-2004); Annett Wolf (2003-2005); Frans-Jan Parmentier (2011-2013); Efrén Lopez Blanco (2018-2020)

Metrics: Publications: 171; Citations: 15983; h-index: 70 (Research Gate Nov. 2020). Publications in Nature/Science journals and PNAS: 14.

Brief portfolio of experience:

I have held professorships and directorships in Denmark, Sweden and Greenland. I have been leading a successful own research group at Lund University that started as being myself only in 1996, to comprising 5-10 researchers at any given time during the years 2000-2016. Ten+ PhD students saw graduation during this time in Lund with me as main supervisor as well as numerous Master students and six post docs. As Principal Investigator, I have attracted more than 10 million Euro in external funding for my research from highly competitive sources such as the EU, national research councils, Nordic Council of Ministers, and several private foundations. Among others, I have been coordinator of the Nordic Center of Excellence DEFROST under the Nordic Top Level Research Initiative 2010-2016. This follows from a long line of experience with coordinating collaborative projects that began with the consortium *Biospheric controls on trace gas fluxes in northern wetlands* (CONGAS) funded by the European Commission (1998-2001). I have also been active in publication management, among others as Associate Editor of the interdisciplinary journals *Biogeochemistry* (JIF: 3.2) and *Ambio* (JIF 3.6), *Environmental Research Letters* (JIF 4.5), as well as *Biogeosciences* that started as an interactive open-access journal of the European Geosciences Union. I have also served on the Editorial Board of the *Encyclopedia of the Arctic* (Routledge) and co-edited book volumes published with Springer and Routledge recently the *Routledge Handbook of the Polar Regions* (published 2019).

Through much of my career, I have been closely involved in providing high-level scientifically based advice to public agencies. Among others, I have been an expert reviewer on the third and sixth assessment reports of the International Panel on Climate Change (IPCC). In this context, I was contributing author on the Fourth Assessment of the IPCC chapter on Polar Regions, and thus became co-receiver of the Nobel Peace Prize in 2007. I have been co-chairman of the terrestrial working group under the International Arctic Science Committee (2013-2016). I am member of the expert group on methane under the Arctic Monitoring and Assessment Program AMAP where I have been contributing author to the Arctic Climate Impact Assessment (ACIA), and as first author on the Snow, Water, Ice, Permafrost in the Arctic (SWIPA2017) assessment. Currently I am member of the AMAP Climate Experts Working Group and first authoring chapter on ecosystem impacts in a forthcoming AMAP Climate Issues of Concern report due out 2021. I am as scientific leader of the Greenland Ecosystem Monitoring program working closely with research that has strong societal impact and is part of shaping political debates about the consequences and mitigation of climate change. I have also served on the international advisory panel on the establishment of a Canadian high Arctic research Station, the Council of the Canadian Academies, and the scientific advisory board for Northern Studies at Oulu University in Finland. Currently I am acting as expert reviewer on the ERC Consolidator grant committee, the Horizon 2020 large project periodic report scheme and as Chairman of program committee at the Finnish

Academy of Sciences. Recently I was appointed by Denmark and Greenland to the executive board of directors for the newly established International Arctic Hub.