

Eystein Jansen CV

Born 1953 in Bergen Norway, Sex: M

Nationality: Norwegian

Current positions: Full professor, University of Bergen/Strategy Advisor Bjerknes Centre for Climate Research/Adjunct senior scientist Uni Research

Brief statement

From an interdisciplinary background in paleoclimate research and oceanography I initiated and led the Bjerknes Centre for Climate Research - a national Centre of Excellence, which was established after a national competition, as its director 2000-2013, during which it has more than tripled in size (to 190 scientists and PhD-students, and has received praise as a leading international research centre in climate research, e.g. by the international review of the quality of Norwegian Earth Science in 2011.

I have co-ordinated and been PI in several multi-institutional and multidisciplinary projects within the EU Framework programmes and RCN funding schemes, within paleoclimatology and climate science in general, and have served on the steering committee of a number of international research programmes within Earth System and Global Change research. Currently I am on the executive board of the European Climate Research Alliance (ECRA). I have led several multi-institutional international research expeditions and am well acquainted with research infrastructure needs in the fields of climate and earth system science.

From August 2014 I am one of 4 co-PIs on a large ERC Synergy Grant project, Ice2Ice, funded for the next 5 years, focussing on abrupt climate change. I have published more than 120 papers in peer review literature, primarily in paleoclimate science, my work is cited more than 10000 times, with an H-factor of 55. I also serve on the Earth System Panel for evaluation of ERC Advanced Grants.

Through my tenure as Coordinating Lead Author in IPCC AR4 and Lead Author in IPCC AR5 I have a broad overview of the current state of climate research and on the applicability and communication of climate research and climate model simulations to stakeholders and the public. In AR5 I also served as Lead Author for the Summary for Policymakers in IPCC WG1. From this background and additional experience from the directorship of the Bjerknes Centre at the climate/policy interface I have extensive experience in engaging with private and public stakeholders and with media over the broad climate change adaptation and mitigation spectrum in Europe, USA, China and India.

Professional background:

1993 - present: Full Professor in Marine Geology/Paleoceanography, Univ. of Bergen
2000-2012: Director Bjerknes Centre for Climate Research
1985- 1993: Associate professor in Marine Geology, Univ. of Bergen.
1981-1984: Research assistant (PhD student), Univ. of Bergen.
1990- 2000: Senior adjunct scientist Nansen Env. and Remote Sensing Center, Bergen
1987: Visiting scientist Dep. of Earth Sciences, Univ. of Kiel, Germany
1989: Visiting scientist Lamont Doherty Earth Observatory, Columbia University, USA

Graduate education:

1984: PhD degree, Univ. of Bergen
1981: MSc degree, Univ. of Bergen

Supervision and mentoring:

- Main advisor to 21 students for MSc degree and 11 students for PhD degrees. In addition 4 students currently in PhD programme
- My former PhD students and post docs have gone into senior positions both in the private sector, primarily energy industry, environmental agencies and research, including professors at Norwegian and European universities.

Memberships of scientific academies:

- Member of Academia Europaea
- Member of The Norwegian Academy of Science and Letters

- Member of The Norwegian Academy of Technological Sciences
- Member of The Norwegian Scientific Academy for Polar Research

Key recent international and national appointments:

2012-present: Member of Executive committee for the European Climate Research Alliance (ECRA)
 2010-2013: Lead author IPCC AR5, WG1-Ch5 Paleoclimates, and Summary for Policy Makers/Technical Summary author team
 2004-2007: Co-ordinating lead Author IPCC 4th Assessment Report WG 1-Ch6 Paleoclimates
 2003-2009: Co-chair of CLIVAR-PAGES intersection panel. Member:2009 to present
 2003-2009: Member of PAGES-IGBP Scientific Steering Committee
 2006-2010: Member of Steering Committee for the ESF Euromarc Programme
 1989-1994: Member of the Ocean Drilling Program Ocean History Panel 1989-1994
 2004-2011: Member of the program board for the Norwegian climate research programme (NORKLIMA) RCN
 2011-2014: Member of the expert advisory board Norway-India research programme, RCN
 2015-> Member of the Earth System Science panel for ERC Advanced Grants.

Current editorial appointments:

- Member of the Editorial Board for the journal *Climate Dynamics*

Recent assignments:

- Regular reviewer for proposals from national funding agencies in USA, UK, France, Germany, the Netherlands, Sweden, EU
- Regular reviewer for Nature, Science and leading specialist journals
- Regular consultant for promotions and tenure: e.g Royal Society membership, Tenure at MIT, Columbia University, Penn State Univ., Stockholm University
- 2010-present: Member of the Scientific Advisory Board for ICR3-Climate Centre, Barcelona, Spain
- 2005-2011: Member of the Advisory Board for MARUM, Bremen, Germany
- 2012: Member of the science review board for the Alfred Wegener Institute, Germany
- 2013->: Member of the scientific advisory board for the Bert Bolin Centre, Stockholm

Selected recent publications:

Citations (Google scholar): 12946 (since 2011: 6585), H-Index: 55

A full publication list with citations can be found at:

https://scholar.google.no/citations?hl=no&user=YnmZaSwAAAAJ&view_op=list_works&sortby=pubdate

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- AD Tegzes, **E Jansen**, RJ Telford, 2014: The role of the northward-directed (sub) surface limb of the Atlantic Meridional Overturning Circulation during the 8.2 ka Event. *Climate of the Past* 10, 665-687
- AT Kotilainen, L Arppe, S Dobosz, **E Jansen**, K Kabel, J Karhu, 2014: Echoes from the past: A healthy Baltic Sea requires more effort. *Ambio* 43 (1), 60-68
- MW Miles, DV Divine, T Furevik, **E Jansen**, M Moros, AEJ Ogilvie, 2014: A signal of persistent Atlantic multidecadal variability in Arctic sea ice. *Geophysical Research Letters* 41 (2), 463-469.
- Masson-Delmotte, V., M. Schulz, A. Abe-Ouchi, J. Beer, A. Ganopolski, J.F. González Rouco, **E. Jansen**, K. Lambeck, J. Luterbacher, T. Naish, T. Osborn, B. Otto-Bliesner, T. Quinn, R. Ramesh, M. Rojas, X. Shao and A. Timmermann, 2013: Information from Paleoclimate Archives. In: *Climate Change 2013: The Physical Science Basis. Contribution of Working Group I to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change*. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA, pp. 383–464, doi:10.1017/CBO9781107415324.013.
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