

Short Curriculum Vitae, Inger Hanssen-Bauer

EDUCATION

PhD 1990 University of Bergen, Meteorology.

ACADEMIC POSITION LAST 10 YEARS

2007 – 2010 Head of Section for Climate Research, MET

2010 – 2013 Professor, TUC (Telemark University College)

2013 - 2019 Head of Norwegian Centre for Climate Service, MET (<https://klimaservicesenter.no/>)

MAIN RESEARCH ACTIVITIES

Boundary layer climate; Climate in Norway and in polar regions; Analyses of long climate series; Downscaling of climate scenarios; Tailoring climate scenarios for impact studies.

SELECTED PUBLICATIONS LAST 5 YEARS

- **I. Hanssen-Bauer** et al. [eds.] (2015) Klima i Norge 2100. Kunnskapsgrunnlag for klimatilpasning oppdatert i 2015. *NCCS-report 2-2015*, 204 pp («Climate in Norway 2100. Scientific basis for climate adaptation updated in 2015»).
- Overland, J., E. Hanna, **I. Hanssen-Bauer**, S.-J. Kim, J. Walsh, M. Wang, U.S. Bhatt, R. L. Thoman (2016) Arctic Air temperature. In State of the Climate in 2015, The Arctic. *Bull. Am. Meteorol. Soc.*, 97(8), S128-S129.
- Odland A, G Bandekar, **I Hanssen-Bauer**, SM Sandvik (2017) Relationships between vegetation, air and soil temperatures on Norwegian mountain summits. *Geografiska Annaler*: (<http://www.tandfonline.com/doi/abs/10.1080/04353676.2017.1333324>)
- Overland, J., E. Hanna, **I. Hanssen-Bauer**, S.-J. Kim, J. Walsh, M. Wang, U.S. Bhatt, R. L. Thoman (2017) Surface Air temperature. In 'State of the Climate in 2016', The Arctic, *Bull. Am. Meteorol. Soc.*, 98(8), S130-S131, doi:10.1175/2017BAMSStateoftheClimate.1
- **I. Hanssen-Bauer**, E.J. Førland, I. Haddeland, H. Hisdal, D. Lawrence, S. Mayer, A. Nesje, J.E.Ø. Nilsen, S. Sandven, A.B. Sandø, A. Sorteberg og B. Ådlandsvik [eds.], (2017) Climate in Norway 2100. Scientific basis for climate adaptation. *NCCS report 1-2017*, 45 pp. (Short English version of report in Norwegian from 2015.)
- Overland, J., E. Hanna, **I. Hanssen-Bauer**, S.-J. Kim, J. Walsh, M. Wang, U.S. Bhatt, R. L. Thoman (2018) Surface Air temperature. In 'State of the Climate in 2017', The Arctic, *Bull. Am. Meteorol. Soc.*, 99 (8), S144-S146i, doi:10.1175/2018BAMSStateofthclimate.I
- Eira IMG, A Oskal, **I Hanssen-Bauer** and SD Mathiesen (2018) Snow cover and the loss of traditional indigenous knowledge. *Nature Climate Change*, Vol 8, 928-931 (<https://doi.org/10.1038/s41558-018-0319-2>)
- Mathiesen, S., Bongo, M., Burgess, P., Corell, R., Degteva, A., Eira, I., **Hanssen-Bauer, I.**, Ivanoff A. Magga, O. Manyard, N., Oskal, A. Pogodaev, M., Sara, M., Turi, E., Vikhamar-Schuler, D. (2018). Indigenous Reindeer Herding and Adaptation to New Hazards in the Arctic. In D. Nakashima, I. Krupnik, & J. Rubis (Eds.), *Indigenous Knowledge for Climate Change Assessment and Adaptation* (pp. 198-213). Cambridge: Cambridge University Press. doi:10.1017/9781316481066.015
- **I. Hanssen-Bauer**, E.J. Førland, H. Hisdal, S. Mayer, A.B. Sandø, A. Sorteberg (eds.), 2019: Climate in Svalbard 2100. Scientific basis for climate adaptation. *NCCS-report 1-2019*, 208 pp.
- Maturilli M, **I Hanssen-Bauer**, M Rex, R Neuber (2019) The Atmosphere above Ny-Ålesund –Climate and global warming, ozone and surface UV radiation In: “*The Ecosystem of Kongsfjorden, Svalbard*” (Hop, H and C Wiencke (Eds.)) ISBN 978-3-319-46423-7