

CV for Jens Hesselbjerg Christensen

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Personal information:

Born: 13. September 1958, Copenhagen, Denmark
Family status: Married to Conni 17. April 1982
Children: Nanna, born 6. September 1985
Monica, born 25. June 1988

Professional career:

Aug 2006 – Present	Scientific Head (Forskningsleder), Danish Climate Centre; the Danish Meteorological Institute, Copenhagen
Jan 2006 – Jul 2006	Acting Head of Programme (fungerende Forskningsleder), Danish Climate Centre; the Danish Meteorological Institute, Copenhagen
Feb 1997 – Dec 2005	Senior Advisor at the Danish Climate Centre; the Danish Meteorological Institute, Copenhagen
Feb 1992 – Aug 1992	Visiting scientist at Meteo France
Jan. 1995 – Jan. 1997	Senior scientist at the Danish Meteorological Institute, Copenhagen.
May 1991 – Jun 1991	Visiting scientist at Meteo France
Aug 1990 – Dec 1994	Research associate at the Danish Meteorological Institute, Copenhagen
Jan 1987 – Jul 1990	Research scholarship at the Niels Bohr Institute, Copenhagen. (Externally financed by the Carlsberg Foundation). (Ph.D. Dissertation, 1990).
Nov 1986 – Dec 1986	Research scholarship at the Niels Bohr Institute, Copenhagen. (Externally financed by the SARC Foundation).
Jan 1986 – Jul 1986	Carlsberg Foundation Scholarship in connection with Master's Thesis.

Education:

Ph.D., 1990, in Astrophysics from the Niels Bohr Institute, University of Copenhagen. Dissertation title: "Large Scale Deviations from the Hubble Flow". PhD Professor: Bernhard Jones.
Master degree, 1986 in Physics and Mathematics at the Niels Bohr Institute, University of Copenhagen. Major in Astrophysics; thesis project in Cosmology.

Language:

	Reading	Speaking	Writing
Danish	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent
German	Good	Fair	Rudimentary
French	Fair	Fair	Rudimentary
Norwegian	Excellent	Good	Fair
Swedish	Excellent	Good	Fair

Recent national and international project participation (PI):

- Modelling European Regional Climate: Understanding and Reducing Errors (MERCURE). Coordinator: Dr. Richard Jones, the Hadley Centre, Bracknell, UK, Period: 1997-2000. EU contract no. ENV4-CT97-0485.
- Tundra Degradation in the Russian Arctic (TUNDRA). Coordinator: Dr. Peter Kuhry, Arctic Centre, Rovaniemi, Finland, Period: 1998-2000. EU contract no. ENV4-CT97-0522.

- Project to Intercompare Regional Climate Simulations (PIRCS). Coordinators: Dr. William J. Gutowski, Jr., P. Eugene S. Takle, and Dr. Raymond W. Arritt, Iowa State University, USA, Period: 1995 – 200?
- Regional Earth System Modelling Network for the Arctic (RESMoNA). Coordinator Dr. J.H. Christensen, Danish Climate Centre, Period 2001-2003. Nordic Council of Ministers NARP.
- Application of seasonal climate forecasts for improved management strategies for crops in Western Africa, Coordinator Dr. J.H. Christensen, Danish Climate Centre, Period 2001-2003. Rådet for Ulandsforskning (RUF), Denmark.
- Prediction of Regional scenarios and Uncertainties for Defining European Climate change risks and Effects – PRUDENCE, Coordinator Dr. J.H. Christensen, Danish Climate Centre Period 2001-2004. EU contract no. EVK2-CT2001-00132.
- Consequences of weather and climate changes for marine and freshwater ecosystems - Conceptual and operational forecasting of the aquatic environment (CONWOY). Coordinator Prof. M. Søndergård (FBL/KU), Period 2002-2006. Danish Research Council.
- Global implications of Arctic climate processes and feedbacks (GLIMPSE), Coordinator Prof. Klaus Dethloff, Alfred Wegener Institute for Polar and Marine Research, Potsdam, Germany, Period 2002 – 2005. EU contract no. EVK2-CT-2002-00164
- Climate and Energy, Coordinator Árni Snorrason Iceland, Nordic Energy Research. Period 2003-2006.
- ENSEMBLES IP, Coordinator Dave Griggs, Hadley Centre, UK. RT3 Sub-coordinator Dr. J.H. Christensen, DMI. Period 2004 – 2009. EU contract no. GOCE-CT-2003-505539.
- Regional Climate Change for Greenland and surrounding seas, Coordinator Dr. J.H. Christensen, Danish Climate Centre, Period 2006. DANCEA; Danish Ministry of the Environment
- Recent and future permafrost variability, retreat and degradation in Greenland and Alaska: An integrated approach, Coordinator Prof. Vladimir Romanovsky, University of Alaska, Fairbanks. Period 2006 – 2009. National Science Foundation
- WATER and global CHange (WATCH) IP, Coordinator Richard Harding, CEH Wallingford, UK. Period 2007 - 2011. EU contract no. GOCE-CT-2006-036946.
- Climate and Energy Systems, Coordinator Árni Snorrason Iceland, Nordic Energy Research. Period 2007 – 2010.
- The freshwater budget of the Nordic Seas (FreshNor). Coordinator Dr. J.H. Christensen, Danish Climate Centre, Period 2007-2009. Nordic Council of Ministers – NordForsk
- HYdrological Modelling for Assessing Climate Change Impacts at different Scales (HYACINTS), Coordinator Jens Christian Refsgaard, GEUS, Period 2008-2011; Det Strategiske Forskningsråds Programkomite for Energi og Miljø - Minor strategic research initiative
- Corporation's adaption to climate change and their need for geo spatial information and risk scenarios , Coordinator Birgitte Holt Andersen, COWI, Period 2009-2010; ESA
- Effects of climate change on emerging natural toxins in plant and seafood production (EMTOX), Coordinator H.J. (Ine) van der Fels-Klerx, Wageningen UR, Period 2009-2011. EU-SAFEFOODERA contract.
- Centre for Regional change in the Earth System (CRES), Coordinator Dr. J.H. Christensen, Danish Climate Centre, Period 2009-2014; Det Strategiske Forskningsråds Programkomite for Energi og Miljø – Strategic Research Centre
- Højopløselige klimasimuleringer for Grønland og omliggende farvande med en koblet regional klimasystem model (regional klimamodel), Coordinator Søren Rysgaard, Naturinstituttet, Nuuk; Period 2010-2014; Projekt ved Grønlandsk Klimaforskningscenter, Det Strategiske Forskningsråd,

Other professional duties and experiences

- Lead Author AMAP SWIPA project 'Greenland Ice Sheet', [in review].
- Coordinating Lead Author on the contribution from WG-I to IPCC's 4th Assessment Report (AR4), *Chapter 11: Regional Climate Projections*.
- Lead Author on the contribution from WG-I to IPCC's 3rd Assessment Report, *Chapter 10: Regional Climate Information – Evaluation and Projections*.
- Contributing Author on IPCC's 2nd Assessment Report
- Contributing Author on the ACIA report, *Chapter 4: Future Changes of Climate and UV: Modelling and Scenarios for the Arctic Region*

- Climate and Cryosphere (CliC) NEG Panel Member
- Guest editor on PRUDENCE special issue of *Climatic Change*, 2007, **81 Supl. 1**
- Reviewer for Nature, Science, GRL, JGR, J.Clim, Clim. Dyn., Tellus, Clim. Change, Glob.Plan.Change, Polar Res., AMBIO, Theo. Appl. Clim., J. of Glaciology, PNAS
- A reviewer for the Belgium Research Council, Canadian Environmental Research, Dutch Climate Programme, the Norwegian Research Council, The EU Framework Programmes, National Science Foundation (USA).
- Chairman of the Danish Meteorological Society 2001-2007

Recent refereed publications:

2010:

2009:

- Mernild, S.H., G.E. Liston, C.A. Hiemstra, B. Hasholt, M. Stendel, and J.H. Christensen, 2010: Surface mass-balance and runoff modeling using HIRHAM4 RCM at Kangerlussuaq (Søndre Strømfjord), West Greenland, 1950–2080, *J. Clim.* [Submitted]
- Boberg, F., P. Berg, P. Thejll, W.J. Gutowski, and J.H. Christensen, 2009: Improved confidence in climate change projections of precipitation further evaluated using daily statistics from ENSEMBLES models. , *Clim. Dyn.*, doi:10.1007/s00382-009-0683-8 [In press]
- Berg, P., J. O. Haerter, P. Thejll, C. Piani, S. Hagemann, and J. H. Christensen, 2009: Seasonal characteristics of the relationship between daily precipitation intensity and surface temperature, *J. Geophys. Res.*, **114**, D18102, doi:10.1029/2009JD012008.
- Mernild, S.H., G.E. Liston, C.A. Hiemstra, and J.H. Christensen, 2009: Greenland Ice Sheet surface mass-balance modeling in a 131-year perspective, 1950–2080, *Journal of Hydrometeorology* [In press]. doi: 10.1175/2009JHM1140.1
- Van Roosmalen, L., J.H. Christensen, M.B. Butts, K.H. Jensen, and J.C. Refsgaard, 2009: An intercomparison of regional climate model data for hydrological impact studies in Denmark, *Journal of Hydrology* [In press] doi:10.1016/j.jhydrol.2009.11.014
- Mernild, S.H., G.E. Liston, C.A. Hiemstra, K. Steffen, E. Hanna, and J.H. Christensen, 2009: Greenland Ice Sheet surface mass-balance modeling and freshwater flux for 2007, and in a 1995–2007 perspective, *Hydrological Processes*, **23**, 2470-2484, doi:10.1002/hyp.7354

2008:

- Christensen, J. H., F. Boberg, O. B. Christensen, and P. Lucas-Picher, 2008: On the need for bias correction of regional climate change projections of temperature and precipitation, *Geophys. Res. Lett.*, **35**, L20709, doi:10.1029/2008GL035694.
- Stendel, M., J.H. Christensen, and D. Petersen, 2008: Arctic Climate and Climate Change with a Focus on Greenland, *Adv. in Eco. Res.*, **40**, 13-43, doi: 10.1016/S0065-2504(07)00002-5
- Christensen, J.H., M. Stendel, P. Kuhry, V. Romanovsky, and J. Walsh, 2008: Does Permafrost Deserve Attention in Comprehensive Climate Models, Editor(s): D.L. Kane and K.M. Hinkel Collection: Proceedings of the Ninth International Conference on Permafrost, June 29-July 3, Fairbanks, Alaska, 2008 Bibliography: Vol. 1, pp. 247-250, 2008.
- Stendel, M., J.H. Christensen, G. Aðalgeirsdóttir, R.P. Daanen, S. Marchenko, and V. Romanovsky, 2008: The Fate of Greenland's Permafrost: Results from High-Resolution Transient Climate Simulations. Editor(s): D.L. Kane and K.M. Hinkel Collection: Proceedings of the Ninth International Conference on Permafrost, June 29-July 3, Fairbanks, Alaska, 2008 Bibliography: Vol. 2, pp. 1705-1710.
- Boberg, F., P. Berg, P. Thejll, W.J. Gutowski, and J.H. Christensen, 2008: Improved confidence in climate change projections of precipitation evaluated using daily statistics from the PRUDENCE ensemble, *Clim. Dyn.*, doi:10.1007/s00382-008-0446-y [In press]
- Walsh, J.E., W.L. Chapman, V. Romanovsky, J.H. Christensen and M. Stendel, 2008: Global Climate Model Performance over Alaska and Greenland, *J. Clim.*, **21**, 6156–6174, doi:10.1175/2008JCLI2163.1
- Wyser, K.; C.G. Jones, P. Du, E. Girard, U. Willén, J. Cassano, J.H. Christensen, J.A. Curry, K. Dethloff, J.E. Haugen, D. Jacob, M. Køltzow, R. Laprise, A. Lynch, S. Pfeifer, A. Rinke, M. Serreze, M.J. Shaw, M. Tjernström, and M. Zagar, 2008: An evaluation of Arctic cloud and radiation processes during the SHEBA year: simulation results from eight Arctic regional climate models, *Clim. Dyn.*, **30**, 203-223. doi:10.1007/s00382-007-0286-1

2007:

- Gutowski, W.J., K.A. Kozak, R.W. Arritt, J.H. Christensen, and J.C. Patton, and E.S. Takle, 2007: A Possible Constraint on Regional Precipitation Intensity Changes under Global Warming, *Journal of Hydrometeorology*, **8**, 1382-1396.
- Christensen, J.H., T.R. Carter, M. Rummukainen, and G. Amanatidis 2007: Evaluating the performance and utility of regional climate models: the PRUDENCE project, *Climatic Change*, **81 Supl. 1**, 1-6, doi:10.1007/s10584-006-9211-6
- Christensen, J.H. and O.B. Christensen, 2007: A summary of the PRUDENCE model projections of changes in European climate by the end of this century, *Climatic Change*, **81 Supl. 1**, 7-30, doi:10.1007/s10584-006-9210-7
- Déqué, M., D.P. Rowell, D. Lüthi, F. Giorgi, J.H. Christensen, B. Rockel, D. Jacob, E. Kjellström, M. de Castro, and B. van den Hurk, 2007: An intercomparison of regional climate simulations for Europe: assessing uncertainties in model projections, *Climatic Change*, **81 Supl. 1**, 53-70, doi:10.1007/s10584-006-9228-x
- Jacob, C., L. Bärring, O.B. Christensen, J.H. Christensen, M. de Castro, M. Déqué, F. Giorgi, S. Hagemann, M. Hirschi, R. Jones, E. Kjellström, G. Lenderink, B. Rockel, E. S. Sánchez, C. Schär, S.I. Seneviratne, S. Somot, A. van Ulden, and B. van den Hurk, 2007: An inter-comparison of regional climate models for Europe: Design of the experiments and model performance, *Climatic Change*, **81 Supl. 1**, 31-52, doi:10.1007/s10584-006-9213-4
- Stendel, M., V.E. Romanovsky, J. H. Christensen, and T. Sazonova, 2007: Using dynamical downscaling to close the gap between global change scenarios and local permafrost dynamics, *Global and Planetary Change*, **56**, 203-214.

2006:

- Carmack, E., D. Barber, J.H. Christensen, R. Macdonald, B. Rudels, and E. Sakshaug, 2006: Climate variability and physical forcing of the food webs and the carbon budget on panarctic shelves, *Progress in Oceanography*, **72**, 145-181, doi:10.1016/j.pocean.2006.10.005
- Dethloff, K., A. Rinke, A. Benkel, M. Körtzow, E. Sokolova, S.K. Saha, D. Handorf, W. Dorn, B. Rockel, H. von Storch, J.E. Haugen, L.P. Røed, E. R., J.H. Christensen, M. Stendel, 2006: A dynamical link between the Arctic and the global climate system, *Geophys. Res. Lett.*, **33**, L03703, doi:10.1029/2005GL025245.
- Rinke, A., K. Dethloff, J. Cassano, J.H. Christensen, J.A. Curry, P. Du, E. Girard, J.-E. Haugen, D. Jacob, C.G. Jones, M. Körtzow, R. Laprise, A.H. Lynch, S. Pfeifer, M.C. Serreze, M.J. Shaw, M. Tjernström, K. Wyser, M. Zagar, 2006: Evaluation of an Ensemble of Arctic Regional Climate Models: Spatiotemporal fields during the SHEBA year, *Clim. Dyn.*, **26**, 459 – 472, doi: 10.1007/s00382-005-0095-3.
- Stendel, M., I.A. Mogensen, and J.H. Christensen, 2006: Influence of various forcings on global climate in historical times using a coupled AOGCM, *Clim. Dyn.*, **26**, 1-15. doi: 10.1007/s00382-005-0041-4.

2005:

- Déqué, M., R. G. Jones, M. Wild, F. Giorgi, J.H. Christensen, D. C. Hassell, P.L. Vidale, B. Rockel, D. Jacob, Erik Kjellström, M. de Castro, F. Kucharski, and B. van den Hurk, 2005: Global high resolution versus Limited Area Model climate change scenarios over Europe: results from the PRUDENCE project, *Clim. Dyn.*, **25**, 653-670, doi: 10.1007/s00382-005-0052-1.

2004:

- Boegh, E., H. Soegaard, J.H. Christensen, C.B. Hasager, N.O. Jensen, N.W. Nielsen, and M.S. Rasmussen, 2004: Combining weather prediction and remote sensing data for the calculation of evapotranspiration rates: application to Denmark, 2004: *Int. J. Remote Sensing*, **25**, 2553-2574.
- Dethloff, K., W. Dorn, A. Rinke, K. Fraedrich, M. Junge, E. Roeckner, V. Gayler, U. Cubasch, and J. H. Christensen, 2004: The impact of Greenland's deglaciation on the Arctic circulation, *Geoph. Res. Lett.*, **31**, L19201, doi:10.1029/2004GL020714.
- Gørland, S., B. Njåsted, J.H. Christensen, P.M. Haugan, K. Holmén, E. Isaksson, V. Pavlov, D.K. Perovich, N. Reeh, and P. Wadhams, 2004: Arctic Climate Feedback Mechanisms, *EOS, AGU*, **85**, 147.
- Christensen, O.B. and J.H. Christensen, 2004: Intensification of extreme European summer precipitation in a warmer climate. *Global and Planetary Change*, **44**, 107-117.

Virtanen, T., K. Mikkola, A. Nikula, J.H. Christensen, G.G. Mazhitova, N.G. Oberman, and P. Kuhry, 2004: Modelling the location of the forest line in NE European Russia with remote sensed vegetation and GIS-based climate and terrain data. *Arctic, Antarctic and Alpine Research*, **36**, 314–322.

Rummukainen, M., J. Räisänen, D. Bjørge, J.H. Christensen, O. B. Christensen, T. Iversen, K. Jylhä, H. Ólafsson, and H. Tuomenvirta, 2004: Regional Climate Scenarios for use in Nordic Water Resources Studies. *Nordic Hydrology*, **34:5**, 399-412.

2003:

Christensen, J.H. and O.B. Christensen, 2003: Severe Summer Flooding in Europe, *Nature*, **421**, 805-806.

Hasager, C., N.W. Nielsen, H.O. Jensen, E. Boegh, J.H. Christensen, H. Dellwik, and H. Soegaard, 2003: Effective roughness calculated from satellite-derived land cover maps and hedge information and used in a weather forecasting model, *Bound.-Lay. Met.*, **109**, 227-254.

Frei, C., J.H. Christensen, M. Déqué, D. Jacob, R.G. Jones and P.L. Vidale, 2003: Daily Precipitation Statistics in Regional Climate Models: Evaluation and Intercomparison for the European Alps, *J. Geophys. Res.*, **108**, 10.1029/2002JD002287

Kiilsholm, S., J.H. Christensen, K. Dethloff, and A. Rinke, 2003: Net accumulation of the Greenland Ice Sheet: Modelling Arctic regional climate change. *Geoph. Re. Lett.*, **30**, 10.1029/2002GL015742

van der Linden, S., and J.H. Christensen, 2003: Combining observed and simulated precipitation for use in hydrological models in remote regions. *J. Geophys. Res.*, **108**, 10.1029/2001JD001420

Anderson, C.J., R.W. Arritt, E.S. Takle, Z. Pan, W.J. Gutowski, R. da Silva, D. Caya, S.-C. Chen, J.H. Christensen, D. Luthi, M.A. Gaertner, F. Giorgi, G. Grell, S.-Y. Hong, C. Jones, H.-M. H. Juang, J.J. Katzfey, W.M. Lapenta, R. Laprise, G. Liston, J.L. McGregor, R.A. Pielke, J.A. Prego, J.O. Roads, J. Taylor, 2003: Hydrological processes in regional climate model simulations of the Central United States Flood of June/July 1993, *Journal of Hydrometeorology*, **4**, 584-598.

2002:

Christensen, J.H., T.R. Carter, and F. Giorgi, 2002: PRUDENCE Employs New Methods to Assess European Climate Change, *EOS, AGU*, **83**, 147.

Dethloff, K., M. Schwager, J.H. Christensen, S. Kiilsholm, A. Rinke, W. Dorn, F. Jung-Rothenhäusler, H. Fischer, S. Kipfstuhl, H. Miller, 2002: Recent Greenland accumulation estimated from regional climate model simulations and ice core analysis, *J. Clim.*, **15**, 2821-2832.

Stendel, M., and J.H. Christensen, 2002: Simulating permafrost zonation and active layer depth change in a warmer climate with a coupled GCM. *Geoph. Re. Lett.*, **29**, 10.1029/2001GL014345

2001:

Pan, Z., J.H. Christensen, R.W. Arritt, W.J. Gutowski, E.S. Takle, F. Otiemo, 2001: Evaluation of uncertainties in regional climate change simulations. *J. Geophys. Res.* **106**, 17735-17752.

Giorgi, F., P.H. Whetton, R.G. Jones, J.H. Christensen, L.O. Mearns, B. Hewitson, H. von Storch, R. Francisco, and C. Jack, 2001: Emerging patterns of simulated regional climate changes for the 21st century due to anthropogenic forcings. *Geoph. Res. Lett.* **28**, 3317-3321.

Christensen J.H., J. Räisänen, T. Iversen, D. Bjørge, O.B. Christensen, and M. Rummukainen, 2001: A synthesis of regional climate change simulations - A Scandinavian perspective. *Geoph. Res. Lett.*, **28**, 1003-1006.

2000 and older

Christensen J.H. and P. Kuhry, 2000: High resolution regional climate model validation and permafrost simulation for the East-European Russian Arctic. *J. Geophys. Res.*, **105**, 29647-29658.

Takle E.S., W.J. Gutowski, R.W. Arritt, Z. Pan, C.J. Anderson, R.S. da Silva, D. Caya, S.-C. Chen, F. Giorgi, J.H. Christensen, S.-Y. Hong, H.-M. H. Juang, J. Katzfey, W.M. Lapenta, R., Laprise, P. Lopez, G.E. Liston, J. McGregor, A. Pielke, and J.O. Roads 1999: Project to intercompare regional climate simulation (PIRCS): Description and initial results. *J. Geophys. Res.* **104**, 19443-19461.

Rinke A., K. Dethloff and J.H. Christensen, 1999: Arctic winter climate and its interannual variations simulated by a regional climate model. *J. Geophys. Res.*, **104**, 19027-19038.

Rinke, A., K. Dethloff, A. Spekat, W. Enke, and J.H. Christensen, 1999: High resolution climate simulations over the Arctic. *Polar. Res.* **18**, 1-9.

Christensen O.B., J.H. Christensen, B. Machenhauer and M. Botzet, 1998: Very high-resolution regional climate simulations over Scandinavia – Present climate, *J. Clim.*, **11**, 3204-3229.

- Christensen J.H., B. Machenhauer, R.G. Jones, C. Schär, P.M. Ruti, M. de Castro, G. Visconti, 1997: Validation of present-day regional climate simulations over Europe: LAM simulations with observed boundary conditions. *Clim. Dyn.* **13**, 489-506.
- Sass, B.H. and J.H. Christensen, 1995: A Simple Framework for Testing the Quality of Atmospheric Limited-Area Models. *Mon. Wea. Rev.* **123**, 444-459.
- Christensen, J.H., 1991: A Malmquist corrected color-magnitude relation for spiral galaxies. *Astron. & Astroph.*, **242**, 17-26.
- Christensen, J.H., 1990: Inclination effects on galaxy photometry using finite apertures, *Monthly Notices R. astr. Soc.*, **246**, 535-544.

Other scientific Articles

- Christensen, J.H., 1990: Large scale deviations from the Hubble flow; PhD thesis, University of Copenhagen.
- Christensen, J.H., and E. van Meijgaard, 1992: On the construction of a regional atmospheric climate model; DMI Technical Report 92-14. [Available from DMI, Lyngbyvej 100, Copenhagen Ø, DENMARK].
- Christensen, J.H., E. Kaas, and L. Laursen, 1994: The contribution of the Danish Meteorological Institute (DMI) to the EPOCH project "The climate of the 21st century"; DMI Scientific Report 94-5. [Available from DMI, Lyngbyvej 100, Copenhagen Ø, DENMARK].
- Machenhauer, B., M. Botzet, D. Jacob, J.H. Christensen 1996: Regionalization over Europe of global model simulations using the HIRHAM model; In: Ghan, S. J., et al. (eds.), Regional impacts of global climate change: assessing change and response at the scales that matter., Columbus, OH, Battelle Press, 1996. p. 23-50. Refs., figs. M.G.A. (1996), 47:6-485
- Christensen, J.H., Christensen, O.B., Lopez, P., van Meijgaard, E. and Botzet, M. 1996: The HIRHAM4 Regional Atmospheric Climate Model; DMI Scientific Report 96-4. [Available from DMI, Lyngbyvej 100, Copenhagen Ø, DENMARK].
- Christensen, J.H., B. Machenhauer, R.G. Jones, C. Schär, P. Ruti, M. de Castro and G. Visconti, 1996: Validation of present-day regional climate simulations over Europe: LAM simulations with observed boundary conditions; DMI Scientific Report 96-10. [Available from DMI, Lyngbyvej 100, Copenhagen Ø, DENMARK].
- Machenhauer B., M. Windelband, M. Botzet, J.H. Christensen, M. Déqué, R.G. Jones, P.M. Ruti and G. Visconti, 1998: Validation and analysis of regional present-day climate and climate simulations over Europe. MPI Report No. 275, Max-Planck-Institute, Hamburg.
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- Stendel, M. and J.H. Christensen, 2007: Danish Climate Centre Report 07-02. Also available on <http://klimagroenland.dmi.dk>.

Conference Proceedings

- Christensen, J.H., M. Botzet, and B. Machenhauer; 1993: Regionalization over Europe of global model simulations using the HIRLAM-HAM limited area model; *Anales Geophysicae, Supl. II* to Vol 11, C173.
- Christensen, J.H., and B. H. Sass, 1994: A simple framework for testing the quality of atmospheric limited area models; In preprint volume of SIXTH CONFERENCE ON MESOSCALE PROCESSES, July 18-22, p. 164 – 165.
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- Botzet, M., J. H. Christensen, E. Claudius, K. Dethloff, R. Lehmann, B. Machenhauer, and A. Rinke, 1994: A Regional Climate Model of the Arctic Atmosphere. In Book of Abstracts WCRP Scientific Conference on the Dynamics of the Arctic Climate System, November 7-22, p. A-3.

- Machenhauer B., M. Botzet, and J. H. Christensen, 1994: Experiments of regionalization over Europe of global model simulations using the HIRHAM limited area model. *Annales Geophysicae Supl. II* to Vol 12, C368
- Christensen, J.H., B. Machenhauer, M. Botzet, and F. Giorgi, 1994: Verification of the HIRHAM limited area regional climate model over Europe. *Annales Geophysicae Supl. II* to Vol 12, C367
- Christensen, J.H., Christensen, O.B., Machenhauer, B., and Windelband M., 1995: On the Validation of the HIRHAM Limited Area Regional Climate Model over Europe; *Anales Geophysicae, Supl. II* to Vol 13, C357
- Dethloff, K., A. Rinke, J. H. Christensen, M. Botzet, and B. Machenhauer, 1995: An examination of internally generated variability of the Arctic climate. *Annales Geophysicae Supl. II* to Vol 13, C358
- Rinke, A., K. Dethloff, J. H. Christensen, M. Botzet, and B. Machenhauer, 1995: Influence of sea-surface temperatures and ice thickness on the Arctic climate. *Annales Geophysicae Supl. II* to Vol 13, C366
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