

Publications Eiðil Kaas

Reviewed scientific articles (ORCID 0000-0001-6970-2404):

1. Kaas, E. and G. Branstator, 1993: The relationship between a zonal index and blocking activity. *J. Atmos. Sci.*, **50**, No. 18, pages 3061-3077.
2. Jóhannesson, T., T. Jónsson, E. Källén and E. Kaas, 1995: Climate change scenarios for the Nordic countries. *Clim. Res.*, **5**, 181-195.
3. Kaas, E. and P. Frich, 1995: Diurnal temperature range and cloud cover in the Nordic countries: observed trends and estimates for the future. *Atm. Res.*, **37**, 211-228.
4. Kaas, E., A. Guldberg and P. Lopez, 1995: A full “Particle-In-Cell” numerical integration method tested for the shallow water equations. Page 31-38 in “Modern Dynamical Meteorology, Proceedings from the Wiin Nielsen Symposium” (221pp), edited by Peter Ditlevsen. Available from Niels Bohr Institute, Geophysical Department, University of Copenhagen.
5. Kaas, E., T.-S. Li and T. Schmitt, 1996: Statistical hindcast of wind climatology in the North Atlantic and northwestern European Region. *Climate Research*, **7**, 97-110.
6. Kaas, E., A. Guldberg and P. Lopez, 1997: A Lagrangian advection scheme using tracer points. In “Numerical Methods in Atmospheric and Oceanic Modelling. The André J. Robert Memorial Volume. (C. Lin, R. Laprise, H. Ritchie, Eds.), Canadian Meteorological and Oceanographic Society, Ottawa, Canada (Companion volume to *Atmosphere-Ocean*), 171-194.
7. Beersma, J. K. Rider, G. Komen, E. Kaas and V. Kharin, 1997: An analysis of extra-tropical storms in the North Atlantic region as simulated in a control and 2 \times CO₂ time-slice experiment with a high resolution atmospheric model. *Tellus*, **49A**, 347-361
8. Schmitt, T., E. Kaas and T.-S. Li, 1998: Northeast Atlantic storminess re-analysed: No trend during past 100 year period. *Climate Dynamics*, **14**, 529-536.
9. WASA, 1998: Changing waves and storms in the Northeast Atlantic?, *Bull. Amer. Met. Soc.* 79, p 741-760. This article was written by the participating staff (including E. Kaas) in the EU-project WASA.
10. Jones, P.D., T.D. Davies, D.H. Lister, V. Slonosky, T. Jónsson, L. Bärring, P. Jönsson, P. Maher, F. Kolyva-Machera, M. Barriendos, J. Martin-Vide, R. Rodriguez, M.J. Alcoforado, H. Wanner, C. Pfister, J. Luterbacher, R. Rickli, E. Schuepbach, E. Kaas, T. Schmitt, J. Jacobbeit and C. Bech ,1999: “Monthly mean pressure reconstructions for Europe for the 1780-1995 period. *Int. J. Climatology*, **19**, 347-364.
11. Kaas, E., A. Guldberg, W. May and M. Déqué, 1999: Using tendency errors to tune the parameterisation of unresolved dynamical scale interactions in atmospheric general circulation models, *Tellus*, **51A**, 612-629.
12. Lopez, P., T. Schmitt and E. Kaas, 2000: Sensitivity of the northern hemisphere circulation to North Atlantic SSTs in the ARPEGE climate AGCM, *Clim. Dyn.*, **16**, no. 7, pp. 535-547.

13. Luterbacher, J., R. Rickli, C. Tinguely, E. Xoplaki, E. Schuepbach, D. Dietrich, J. Hüsler, M. Ambühl, C. Pfister, P. Beeli, U. Dietrich, A. Dannecker, T. D. Davies, P.D. Jones, V. Slonosky, A.E.J Ogilvie, P. Maheras, F. Kolyva-Mahera, J. Martin-Vide, M. Barriendos, M.J. Alcoforado, M.F. Nunez, T. Jonsson, R. Glaser, J. Jacobbeit, C. Beck, A. Philipp, U. Beyer, E. Kaas, T. Schmith, Bärring, P. Jönsson, H. Wanner, 2000: Reconstruction of Monthly Mean Sea Level Pressure over Europe for the late Maunder minimum period (1675-1715) based on Canonical Correlation Analysis, *Int. J. Climatology*, **20**, no. 10, pp. 1049-1066.
14. Andersen, U., E. Kaas and P. Alpert, 2001: Using analysis increments to estimate atmospheric heating rates following volcanic eruptions, *Geophys. Res. Lett.* Vol. **28**, No. 6 , p. 991-994.
15. Kristjánsson, J. E., A. Staple, J. Kristiansen and E. Kaas, 2002: A new look at possible connections between solar activity, clouds and climate, *Geophys. Res. Lett.*, Vol. **29**, No. 23, 2107, dec, 2002.
16. Björck, S., Bennike, O., Rosén, P., Andresen, C. S., Bohncke, S., Kaas, E. & Conley, D. 2002: Anomalously mild Younger Dryas summer conditions in southern Greenland. *Geology* **30** (5), 427-430.
17. Schröder, T., Leroy, S., M. Stendel, E. Kaas, 2003: Validating the microwave sounding unit stratospheric record using GPS occultation, *Geophys. Res. Lett.*, Vol. **30**, No. **14**, 1734.
18. Kristjánsson, J. E., J. Kristiansen, and E. Kaas, 2004: "Solar activity, cosmic rays, clouds and climate - an update". DOI: 10.1016/j.asr.2003.02.040 *Adv. Space Res.*, **34** (2), 407-415.
19. Gleisner, H., P. Thejll, M. Stendel, E. Kaas and B. Machenhauer, 2005: Solar signals in tropospheric re-analysis data: comparing NCEP/NCAR and ERA40. *Journal of Atmospheric and Solar-Terrestrial Physics*. **67**, 785–791
20. Guldberg, A., E. Kaas, M. Dequé, S. Yang and S. V. Thorsen, 2005: Reduced systematic errors by empirical model corrections; impact on seasonal prediction skill. *Tellus*, **57A**, 575-588.
21. Lauritzen, P.H., E. Kaas, B. Machenhauer, 2006: A mass-conservative semi-implicit, semi-Lagrangian limited-area shallow water model on the sphere. *Mon. Wea. Rev.*, **134** (4), 1196–1212.
22. Lauritzen, P.H., E. Kaas, B. Machenhauer and K. Lindberg, 2008: A mass-conservative version of the semi-implicit semi-Lagrangian HIRLAM. *Quart. J. Roy. Meteor. Soc.*: **Vol. 134**, Issue 635, pp. 1583–1595, [[Abstract](#)], [[Pdf-version](#)].
23. Kaas, E., 2008: A simple and efficient locally mass conserving semi-Lagrangian transport scheme. *Tellus*, **60A**, 305-320.
24. Kaas, E., 2009: "Menneskeskabte klimaændringer". Ugeskrift for læger, **171/44**, 3165-3168. (in Danish).
25. Kaas, E., and J. R. Nielsen (2010): A mass conserving quasi-monotonic filter for use in semi-Lagrangian models. *Monthly Weather Review*, **138**, No. 5.
26. Rasmussen, T. A. S, N. Kliem , E. Kaas (2010) Modelling the sea ice in the Nares Strait. *Ocean Modelling*, **35**, No. 3, 2010, 161-172.
27. Rasmussen, T. A. S, N. Kliem , E. Kaas (2011) The effect of climate change on the sea ice

and the hydrography in the Nares Strait. *Atmosphere-Ocean*. doi:10.1080/07055900.2011.604404

28. Cvijanovic, I., Langen, PL, and Kaas, E (2011), 'Weakened atmospheric energy transport feedback in cold glacial climates', *Climate of the Past*, vol 7, pp. 1061-1073.
29. B. Hansen, J. Brandt, J. H. Christensen, and E. Kaas (2011): Semi-Lagrangian methods in air pollution models, *Geosci. Model Dev.*, 4, 511-541, doi:10.5194/gmd-4-511-2011.
30. Funder S, H. Goosse, H. Jepsen, E. Kaas, K. H. Kjær, N. J. Korsgaard, N. K. Larsen, H. Linderson, A. Lyså, P. Möller, J. Olsen, E. Willerslev (2011): A 10,000-Year Record of Arctic Ocean Sea-Ice Variability—View from the Beach, *Science*. 5 August 2011: 747-750. [DOI:10.1126/science.1202760].
31. Cvijanovic, I., P. L. Langen, E. Kaas, and Peter D. Ditlevsen (2013): Southward Intertropical Convergence Zone shifts and implications for an atmospheric bipolar seesaw. *J. Climate*, <http://dx.doi.org/10.1175/JCLI-D-12-00279.1>
32. Sørensen, B., E. Kaas, U. S. Korsholm (2013): A mass conserving and multi-tracer efficient transport scheme in the online integrated Enviro-HIRLAM model. *Geosci. Model Dev.* 6,1029-1042, doi:10.5194/gmd-6-1029-2013, <http://www.geosci-model-dev.net/6/1029/2013/gmd-6-1029-2013.pdf>
33. Rathmann, N. M., S. Yang and E. Kaas (2013): Tropical cyclones in enhanced resolution CMIP5 experiments. *Clim Dyn*, DOI 10.1007/s00382-013-1818-5.
34. Krueger, O., F. Feser, L. Bärring, E. Kaas, T. Schmitt, H. Tuomenvirta and H. von Storch, 2013: Comment on "Trends and low frequency variability of extra-tropical cyclone activity in the ensemble of Twentieth Century Reanalysis" by Xiaolan L. Wang, Y. Feng, G. P. Compo, V. R. Swail, F. W. Zwiers, R. J. Allan, and P.D. Sardeshmukh, *Climate Dynamics*, published online, DOI 10.1007/s00382-013-1814-9
35. Brandt, J., J. D. Silver, J. H. Christensen, M. S. Andersen, J. H. Bønløkke, T. Sigsgaard, C. Geels, A. Gross, A. B. Hansen, K. M. Hansen, G. B. Hedegaard, E. Kaas and L. M. Frohn (2013): Contribution from the ten major emission sectors in Europe and Denmark to the health-cost externalities of air pollution using the EVA model system – an integrated modelling approach. *Atmos. Chem. Phys.*, 13, 7725-7746. doi:10.5194/acp-13-7725-2013.
36. Brandt, J., J. D. Silver, J. H. Christensen, M. S. Andersen, J. H. Bønløkke, T. Sigsgaard, C. Geels, A. Gross, A. B. Hansen, K. M. Hansen, G. B. Hedegaard, E. Kaas and L. M. Frohn (2013): Assessment of past, present and future health-cost externalities of air pollution in Europe and the contribution from international ship traffic using the EVA model system. *Atmos. Chem. Phys.*, 13, 7747-7764, doi:10.5194/acp-13-7747-2013.
37. Kaas, E., B. Sørensen, C. C. Tscherning and M. Veicherts (2013): Multi-processing least squares collocation: Applications to gravity field analysis. *Journal of Geodetic Science*. Volume 3, Issue 3, Pages 219–223, DOI: [10.2478/jogs-2013-0025](https://doi.org/10.2478/jogs-2013-0025)
38. Kaas, E., B. Sørensen, P. H. Lauritzen and A. B. Hansen (2013): A hybrid Eulerian Lagrangian numerical scheme for solving prognostic equations in fluid dynamics. *Geosci. Model Dev.*, 6, 2023-2047, doi:10.5194/gmd-6-2023-2013.
39. Baklanov, A., K. H. Schluenzen, P. Suppan, J. Baldasano, D. Brunner, S. Aksoyoglu, G. Carmichael, J. Douros, J. Flemming, R. Forkel, S. Galmarini, M. Gauss, G. Grell, M. Hirtl, S. Joffre, O. Jorba, E. Kaas, M. Kaasik, G. Kallos, X. Kong, U. Korsholm,

- A. Kurganskiy, J. Kushta, U. Lohmann, A. Mahura, A. Manders-Groot, A. Maurizi, N. Moussiopoulos, S. T. Rao, N. Savage, C. Seigneur, R. Sokhi, E. Solazzo, S. Solomos, B. Sørensen, G. Tsegas, E. Vignati, B. Vogel, and Y. Zhang, (2014): Online coupled regional meteorology-chemistry models in Europe: current status and prospects. *Atmos. Chem. Phys.*, 14, 317–398, doi:10.5194/acp-14-317-2014
40. Lauritzen, P.H., P.A. Ullrich, C. Jablonowski, P.A. Bosler, D. Calhoun, A.J. Conley, T. Enomoto, L. Dong, S. Dubey, O. Guba, A.B. Hansen, E. Kaas, J. Kent, J.F. Lamarque, M.J. Prather, D. Reinert, V.V. Shashkin, W.C. Skamarock, B. Sørensen, M.A. Taylor, and M.A. Tolstykh (2014): A standard test case suite for two-dimensional linear transport on the sphere: results from a collection of state-of-the-art schemes. *Geosci. Model Dev.*, 7, 105–145, doi:10.5194/gmd-7-105-2014.
41. A. A. Acheampong, C. Fosu, L. K. Amekudzi, and E. Kaas (2015): Comparison of precipitable water over Ghana using GPS signals and reanalysis products. *J. Geod. Sci.*; Volume 5, Issue 1, ISSN (Online) 2081-9943, DOI: [10.1515/jogs-2015-0016](https://doi.org/10.1515/jogs-2015-0016), November 2015.
42. Lang, A., S. Yang, and E. Kaas (2017), Sea ice thickness and recent Arctic warming, *Geophys. Res. Lett.*, 44, 409–418, doi:10.1002/2016GL071274.
43. Baklanov, A, U. S. Korsholm, R. Nuterman, A. Mahura, K. P. Nielsen, B. H. Sass, A. Rasmussen, A. Zakey, E. Kaas, A. Kurganskiy, B. Sørensen, and I González-Aparicio (2017): Enviro-HIRLAM online integrated meteorology–chemistry modelling system: strategy, methodology, developments and applications (v7.2). *Geosci. Model Dev.*, DOI: 10.5194/gmd-10-2971-2017.
44. Olesen, M., J. H. Christensen, E. Kaas and F. Boberg (2018): On the robustness of high resolution regional climate projections for Greenland: A method for uncertainty distillation. *Climate Research*, <https://doi.org/10.3354/cr01536>.
45. Hintz, K. S, H. Vedel and E. Kaas (2019): Collecting and Processing of Barometric Data from Smartphones for Potential Use in NWP Data Assimilation. *Meteorological Applications*, <https://doi.org/10.1002/met.1805>
46. Hintz, K. S., K. O'Boyle, S. L. Dance, S. Al Ali, I. Ansper, D. Blaaboer, M. Clark, A. Cress, M. Dahoui, R. Darcy, J. Hyrkkänen, L. Isaksen, E. Kaas, M. Lavanant, G. Lebloa, E. Mallet, C. McNicholas, J. Onvlee-Hooimeijer, B. Sass, V. Siirand, H. Vedel, J. A. Waller, X. Yang, (2019): Collecting and utilising crowdsourced data for numerical weather prediction: Propositions from the meeting held in Copenhagen, 4-5 December 2018. *Atmospheric Science Letters*. <https://doi.org/10.1002/asl.921>
47. Hintz, K. S, H. Vedel, E. Kaas and N. W. Nielsen (2020): Estimation of wind speed and roughness length using smartphones: Method and quality assessment. *Journal of Atmospheric and Oceanic Technology*, <https://doi.org/10.1175/JTECH-D-19-0037.1>
48. Kurganskiy, A, C. A. Skjøth, A. Baklanov, M. Sofiev, A. Saarto, E. Severova, S. Smyshlyayev, and E. Kaas (2020): Incorporation of pollen data in source maps is vital for pollen dispersion models, *Atmospheric Chemistry and Physics (ACP)*. 20, 2099–2121.
49. Ringgaard, I. M; S. Yang; E. Kaas; J. H. Christensen (2020): Barents-Kara sea ice and European winters in the coupled model EC-Earth. *Climate Dynamics*. **54**, pages 3323–3338.

50. Jach, L., K. Warrach-Sagi, J. Ingwersen, E. Kaas, V. Wulfmeyer(2020): Land Cover Impacts on Land-Atmosphere Coupling Strength in Climate Simulations with WRF over Europe. *JGR – atmospheres*, Volume 125, Issue 18, <https://doi.org/10.1029/2019JD031989>
51. Ukkonen, P, R. Pincus, R. J. Hogan, K. P. Nielsen, E. Kaas (2020): Accelerating radiation computations for dynamical models with targeted machine learning and code optimization. *Journal of Advances in Modeling Earth Systems*. Submitted.

Reviewed scientific book chapters

Machenauer, B., E. Kaas, and P. H. Lauritzen, 2008: "Finite volume methods in meteorology". Chapter of 119 pages in "COMPUTATIONAL METHODS FOR THE ATMOSPHERE AND THE OCEANS" published by Elsevier. Editors: Roger Teman, Joe Tribbia and Philippe Ciarlet. 784 pages. ISBN 978-0-444-51893-4.

Three sub-chapters in "Sea level change and coastal processes. Implications for Europe", pages 110-119. European Commission. ISBN 92-828-9023-6:

- Kaas, E., H. von Storch and I. Lozano, 2000: "Wind driven sea level variations in the past and in the future";
- Kaas, E. and H. von Storch, 2000: "Wind and pressure forcing and the implications for sea level".
- Sánchez-Archilla, A, P. Hoekstra, J.A. Jiménez, E. Kaas and A. Maldonado, 2000: "Climate change implications for coastal processes".

Kaas, E. 2000: Numerical modelling in meteorology and climate research - an overview. Pages LII-LXIV (52-64) in "Modelling of Casting, Welding and Advanced Solidification Processes - IX", Editors: P. R. Sahm, P. N. Hansen and J. G. Conley. SHAKER Verlag, ISBN 3-8265-7230-0.

Other scientific book chapters

Kaas, E. and U. Andersen, 2000: Scenarios for extra-tropical storm and wave activity: Methodologies and results. Pages 49-65 in "Climate Scenarios for Water-Related and Coastal Impacts", ECLAT-2 workshop report no. 3. Editor: J. Beersma. ISBN 0-902170-45-7.

Other scientific reports, proceedings and articles (extracts)

Kaas, Eigil, 1987. "The Construction of and Tests with a multilevel, semi-Lagrangian and semi-Implicit Limited Area Model". A HIRLAM technical report and Master degree thesis. Available from the Research Department at the Danish Meteorological Institute and from University of Copenhagen.

Kaas, Eigil, 1992: The Relationship between Zonally Averaged Fields and Blocking Activity. CAS/JCS Working Group on Numerical Experimentation: Research Activities in Atmospheric and Oceanic Modelling, Editor G. J. Boer, Report No. **17**, 7.23-7.25.

Kaas, Eigil, 1993: "Solar constant sensitivity experiment with the Danish climate model". CAS/JCS Working Group on Numerical Experimentation: Research Activities in Atmospheric and Oceanic Modelling, Editor G. J. Boer, Report No. **18**, 7.9-7.10.

Kaas, Eigil, 1993: "Greenhouse induced climate change in the Nordic Countries as simulated with the Hamburg climate model. Part 1: Direct model output". *DMI Scientific Report No. 93-2*, 20 pp. (Available from the Danish Meteorological Institute, Lyngbyvej 100, DK-2100 Copenhagen).

Kaas, Eigil, 1993: "Greenhouse induced climate change in the Nordic Countries as simulated with the Hamburg climate model. Part 2: Statistical interpretation". *DMI Scientific Report No. 93-3*, 85 pp. (Available from the Danish Meteorological Institute, Lyngbyvej 100, DK-2100 Copenhagen).

Kaas, E. 1993: Ultra low-frequency, large scale flow patterns and local blocking of the westerlies in the northern winter hemisphere. Ph.D thesis. *DMI Scientific Report No. 93-6*, 141 pp. (Available from the Danish Meteorological Institute, Lyngbyvej 100, DK-2100 Copenhagen).

Feddersen, H, and E. Kaas, 1994: Spectral Library, *DMI Technical Report No. 94-24* (Available from the Danish Meteorological Institute, Lyngbyvej 100, DK-2100 Copenhagen O).

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" No. EPOC-0003-C (MB). *DMI Scientific Report No. 94-4* (Available from the Danish Meteorological Institute, Lyngbyvej 100, DK-2100 Copenhagen O).

Kaas, E., P. Lopez and A. Guldberg, 1995: A new quasi-Lagrangian advection scheme for transport of water constituents. CAS/JSC Working Group on Numerical Experimentation, Research Activities in Atmospheric and Oceanic Modelling, Report No. **21**, WMO/TD-No. 665, Feb. 1995

Lopez, P., E. Kaas, A. Guldberg, 1998: The full Particle-In-Cell advection scheme in spherical geometry. DMI report no. 98-9.

Kaas, E., U. Andersen, R. Flather, J. Williams, P. Lionello, P. Malguzzi, A. Pfizenmayer, H. von Storch, J. de Ronde, M. Philippart, S. Holtermann, M. Reistad, K. Helge Midtbø, O. Vignes, H. Haakenstad, B. Hackett and I. Fossum, 2000: STOWASUS 2100, Regional Storm, Wave and Surge Scenarios for the 2100 Century: Progress report for the second project year. *DMI Technical Report No. 00-01*.

Kaas, E., A. Guldberg, B. Machenhauer et. al., 2000: "POTENTIALS - Project On Tendency Evaluations using New Techniques Atmospheric Long-term Simulations: Progress report for the second project year (1/1 1999 - 31/12 1999)". *DMI Technical Report No. 00-01*. (<http://intranet.dmi.dk/f+u/publikation/Tr00-16.pdf>).

Floury, N, E. Kaas, m.fl., 2001: WATS - Water Vapour and Temperature in the Troposphere and Stratosphere. ESA-report for Assessment of "The five candidate Earth Explorer core missions". ISBN 92-9092-628-7, 97 pp, oktober 2001.

Cappelen, J., O B Christensen, N Hansen, E Kaas, S Olsen, M H Ribergaard, M Stendel The Day

after Tomorrow-uniformitaristernes mareridt? Geologisk Nyt 01/2004

Kaas, E. 2009: Energy – environment – health. An integrated approach. In "Public Service Review: European Union: issue 20". 568-570. ISSN 1472-3395

Baklanov, A., E. Kaas, T. Sigsgaard, J. H. Bønløkke, R. Nuterman, U. S. Korsholm, B. Amstrup, J. Brandt, A. Gross, L. M. Frohn, J. H. Christensen, A. B. Hansen, K. M. Hansen, C. Geels, M.-L. Siggaard-Andersen, B. Sørensen, K. Karrlson, O. Balyk, H. Brønnum-Hansen, E. M. Flachs, J. Sørensen, M. Kruse, B. Sætterstrøm, 2010: CEEH scientific report No 1, Centre for Energy, Environment and Health (CEEH) report series. pp. 68. ISSN 1904-7495.
[www.ceeh.dk\CEEH_Reports\Report_1](http://www.ceeh.dk/CEEH_Reports/Report_1)

Brandt, J., J. D. Silver, J. H. Christensen, M. S. Andersen, J. Bønløkke, T. Sigsgaard, C. Geels, A. Gross, A. B. Hansen, K. M. Hansen, G. B. Hedegaard, E. Kaas and L. M. Frohn, 2011: Assessment of Health-Cost Externalities of Air Pollution at the National Level using the EVA Model System, CEEH Scientific Report No 3, Centre for Energy, Environment and Health Report series, March 2011, pp. 98. ISSN 1904-7495.

http://www.ceeh.dk/CEEH_Reports/Report_3/CEEH_Scientific_Report3.pdf

E. M. Flachs, J. H. Bønløkke, T. Sigsgaard, R. Nuterman, A. Baklanov, B. Amstrup, J. Brandt, L. M. Frohn, E. Kaas, M.-L. Siggaard-Andersen, J. Sørensen, M. Kruse, B. Sætterstrøm, H. Brønnum-Hansen 2012: Description of the HIA line in the CEEH integrated modelling chain, CEEH Scientific Report No. 5, Centre for Energy, Environment and Health (CEEH) report series, September 2012, pp. 60.

http://www.ceeh.dk/CEEH_Reports/Report_5/CEEH_Report5_version_17_09_2012.pdf

Educational articles / book chapters / material:

Kaas, E., Kaj Mantzius Hansen, Wilhelm May, Henrik Voldborg, Maryanne Kmit, Martin Stendel, Jan-Peter Schulz, Ole Bøssing Christensen, Jens Hesselbjerg Christensen, Sirpa Kilund, Annette Guldberg and Uffe Andersen, 2000: An interactive system for animating the greenhouse induced change in different weather parameters: "Climate of the Future".
Exhibition at the Experimentarium, Copenhagen, DK. Background text also available at:
<http://www.dmi.dk/pub/STOWASUS-2100/Experimentarium/>

Egil Kaas: 2006: "Vejr, klima og klimaændringer". Kap. 5 i "Naturgeografi, udgivet på Geografforlaget", side 145-184.

Egil Kaas, 2008: "Hvad sker der med Jordens klima i disse år – og hvorfor?" I "Klimaændringerne – Menneskehedens hidtil største udfordring", side 11-21. Red: Hans Meltofte, Forlag: Hovedland, ISBN 978-87-7070-125-9.

Kaas, E., 2009: "Okritiskt datafiske bakom kritik mot IPCC", In "Osäkrat klimat – laddad utmaning", pp 133-148, ISBN 978-91-540-6036-8 (In the series "Formas Fokuserar").

Kaas, E., 2009: "Uncritical data mining behind criticism of the IPCC", In "Climate challenge – the safety's off", pp 139-155, ISBN 978-91-540-6038-2 (In the series "Formas Fokuserar").

Seminar and conference presentations:

In the order of 390 oral presentations at international conferences, seminars, workshops and symposia. Approximately 30 invited talks.