

Curriculum Vitae: Claudia Tebaldi

Biographical

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Date of birth February 10, 1966

Nationality US and Italian

Qualifications

<i>Undergraduate</i>	1992	Universita' Commerciale L. Bocconi, Milan, Italy	Laurea (<i>cum laude</i>) in Economics, with emphasis in Statistics
<i>Postgraduate</i>	1997	Duke University	Ph.D in Statistics

Honours, Awards, Prizes

2017	President's Invited Lecture at the 27th Annual Meeting of The International Environmetrics Society "Future Climate Change Projections through Statistical Analysis of Multi-model Ensembles: Challenges and Opportunities."
2016	Achievement Award by the International Meetings on Statistical Climatology "In recognition of her outstanding contributions in both statistics and climate that demonstrated novel and innovative applications of statistics to climatology leading to improved understanding of historical and future climate change, and for strengthening the engagement between these two disciplines."
2014	Tebaldi and Lobell, 2014, "Getting caught with our plants down" selected by the editors of Environmental Research Letters for inclusion in the "Highlights of 2014" collection.
2013	AGU 2013 Editor's Citation for Excellence in Refereeing for outstanding service to the authors and readers of Geophysical Research Letters.
2012	Tebaldi et al., 2012, "Modelling sea level rise impacts on storm surges along US coasts" selected by the editors of Environmental Research Letters for inclusion in the "Highlights of 2012" collection.

Current and former positions

2013 -	Project Scientist III, Climate & Global Dynamics Laboratory National Center for Atmospheric Research
2013 -	Research Fellow Climate Central Inc.
1997 - 2000	Post-doctoral Fellow, National Center for Atmospheric Research, Geophysical Statistics Project
2009 - 2011	Adjunct Professor, Department of Statistics, University of British Columbia
2008 - 2013	Visiting Scientist, Institute for Mathematics Applied to the Geosciences and Climate and Global Dynamics Division, National Center for Atmospheric Research
2006 - 2008	Visiting Scientist, Department of Global Ecology, Carnegie Institution, Stanford
2001 - 2007	Project Scientist, Institute for Mathematics Applied to the Geosciences and Climate and Global Dynamics Division, National Center for Atmospheric Research

Research Experience

- Detection and attribution of climate change, event attribution.
- Climate change projections and their uncertainty.
- Climate extremes, indices of climate extremes, statistical extreme value analysis.
- Statistical characterization of model output; multi-model ensembles interpretation; climate model emulators.
- Impacts of climate change through empirical models (e.g., changes in agricultural yields from warming; human mortality from heatwaves; changing flood risk from sea level rise and storm surges).

International roles and service

- Lead Author, IPCC-AR6 Working Group 1, Chapter 12, "Climate Information for Regional Impacts and Risk Assessment" (2018-).
- Member, Science Advisory Board, EUPHEME (EUropean Prototype demonstrator for the Harmonisation and Evaluation of Methodologies for attribution of extreme weather Events) project (2017-).
- Member, International Peer Review Panel, UK Climate Projections (UKCP18) (2016 - 2018).
- Member, UK Met Office Hadley Centre Science Review Group (2013-).
- Co-chair, CMIP6 Scenario-MIP, under the auspices of the World Climate Research Program (2013-).
- Member of the Scientific Steering Committee, CMIP6 Detection and Attribution MIP, under the auspices of the World Climate Research Program (2013-).
- Member of the Scientific Steering Committee, Ad-hoc International Detection and Attribution Group (IDAG) (2013-).
- Participant in IPCC scoping meeting for AR6 (2017).
- Member, World Meteorological Organization-Working Group on Coupled Models (2013-2017).
- Member, Science Advisory Board, EUCLEIA (EUropean CLimate and weather Events: Interpretation and Attribution) project (2013-2016).
- Participant in IPCC scoping meeting for Special Report on 1.5° target (2016).
- Lead Author, IPCC-AR5 Working Group 1, Chapter 12, "Long-term Climate Change: Projections, Commitments and Irreversibility". (2009-2013).
- Contributing Author, IPCC-AR4 Working Group 1, Chapter 10, "Global Climate Projections", and 11, "Regional Climate Projections" and Working Group 2, Chapter 2, "New Assessment Methods and the Characterisation of Future Conditions". (2003-2007).
- Reviewer of the UK Climate Projections Program 2009 (UKCP09), commissioned by the UK Department of the Environment.

National roles and service

- National Academy of Science, National Research Council, Reviewer of Summary and Assessment Products (SAPs) by Climate Change Science Program.
- Member, National Academies' Board on Atmospheric Sciences and Climate (2009-2016).
- Member, Scientific Steering Committee, US National Academy of Science Methods for Characterizing Risk in Climate Change Assessments: A Workshop (2015-2016).
- State Department Workshop on Risky Climate Change, presenter (June 2007).
- Testimony at US Senate, Science Committee Hearing on Impacts of Climate Change (2004).
- Member, Working Group of the of the California Ocean Protection Council Science Advisory Team (OPC-SAT), convened by the California Ocean Science Trust (2017).
- NOAA, DOE, NSF and Canadian Science Foundation Grant Proposal Reviewer.
- Member, Committee on Stabilization Targets for Atmospheric Greenhouse Gas Concentrations; National Research Council (2010-2011): Climate Stabilization Targets: Emissions, Concentrations, and Impacts over Decades to Millennia, The National Academies Press.
- Symposium organizer at AAAS meeting in Chicago, February 2009: "Risky business: assessing and dealing with extreme events in a changing climate".

Other service roles

- Member of the Executive Editorial Board, Environmental Research Letters (2018 -).
- Deputy Associate Editor, Climatic Change (2014 - 2018).
- Associate Editor, Annals of Applied Statistics. (2009 - 2011).
- Referee for J. American Statistical Association, Statistics and Computing, J. Royal Statistical Society, J. Computing and Graphical Statistics, Climate Research, Water Resources Research, Geophysical Research Letters, J. Geophysical Research, Proceeding of the National Academy of Sciences, International J. Climatology, American J. Epidemiology, Climatic Change, J. Climate, Advances in Water Resources, Nature, Nature Climate Change, Nature Communications, Geoscientific Model Development, Environmental Research Letters.

Selected teaching, mentoring and examining

"Statistical methods for climate change studies" graduate course. Stanford University Statistics Department (invited summer lecturer, June-August 2009) and UBC-Vancouver Statistics Department (regular term, January-April 2010).

"Spatial Statistics" graduate course. UBC-Vancouver Statistics Department (regular term, September-December 2010).

PhD committee member for Carolyn Snyder (Advisors: Stephen Schneider and Chris Field; Stanford University's Emmett Interdisciplinary Program in Environment and Resources, 2010)

PhD external examiner for Phil Sansom (University of Exeter, Mathematics, 2014)

PhD committee member and mentor while in residence at NCAR for Jordan Winkler (Advisor: Ian Sue-Wing; Boston University, Geography, 2014)

PhD external examiner for Aleksandra Borodina (Advisor: Reto Knutti; ETH Zurich, Department of Environmental Systems Science, 2017)

Principal mentor for Travis Aeronson (2017 and 2018) and Alex Armbruster (2017), summer interns in the Climate Change Research section at NCAR.

Selected research grants

DOE DE-SC0004956 (2010-2013): Detection and Attribution, New Frontiers and Applications.

NSF AGS 1049066 (2011-2013): Multiscale Climate Information for Agricultural Planning in Southeastern South America in the coming decades.

NIH-NIEHS R21ES020152 (2011-2013): Extreme Heat and Human Health: Characterizing Vulnerability in a Changing Climate.

EPA-G2011-STARD1 (2012-2013): Integrating Information from Climate Scientists and Resource Managers: Informing Preparedness and Adaptation to Extreme Event Impacts on Air and Water Quality in California

Selected peer-reviewed publications

A full list of refereed publications and metrics can be found via Researcher ID: E-3089-2013.

Otto, F., Wolski, P., Lehner, F., **Tebaldi, C.** et al. (2018) Anthropogenic influence on the drivers of the Western Cape drought 2015-2017. *Environmental Research Letters*, forthcoming.

Meehl, G.A, **Tebaldi, C.** et al. (2018) Future heat waves and surface ozone. *Environmental Research Letters*, 13(6), 064004.

Tebaldi C. and Knutti, R. (2018) Evaluating the accuracy of climate change pattern emulation for low warming targets" *Environmental Research Letters*, 13(5), 055006.

Tebaldi C. and Lobell D., (2018) Differences, or lack thereof, in wheat and maize yields under three low-warming scenarios. *Environmental Research*, 13(6), 065001.

Aeronson, T., **Tebaldi, C.**, Lamarque, J.F, and Sanderson, B. (2018) Changes in a suite of indicators of extreme temperature and precipitation under 1.5 and 2 degrees warming *Environmental Research Letters*, 13(3), 035009.

Jones, B., **Tebaldi, C.**, O'Neill, B.C., Oleson, K., and J. Cao (2018) Avoiding population exposure to heat-related extremes: Demographic change vs. climate change. *Climatic Change*, 146 (3-4), 423-437.

O'Neill, B.C., Done, J., Gettelman, A., Lawrence, P., Lehner F., Lamarque, J.F., Lin, L., Monaghan, A., Oleson, K., Ren, X., Sanderson, B., **Tebaldi, C.**, Weitzel, M., Xu, Y., Anderson, B., Fix, M., and S. Levis (2017) The Benefits of Reduced Anthropogenic Climate change (BRACE): A synthesis. *Climatic Change*, 146 (3-4) 287-301.

- Weaver, C.P., Moss, R., Ebi, K., Gleick, P., Stern, P., **Tebaldi, C.**, Wilson, R. and J. Arvai (2017) Reframing climate change assessments around risk: recommendations for the U.S. National Climate Assessment. *Environmental Research Letters*. doi: 10.1088/1748-9326/aa7494
- Meehl, G.A., **Tebaldi, C.** and D. Adams-Smith (2016), US daily temperature records past, present, and future. *Proceedings of the National Academy of Sciences*, doi: 10.1073/pnas.1606117113
- Buchanan, M.K., Kopp, R.E., Oppenheimer, M. and **C. Tebaldi** (2016), Allowances for evolving coastal flood risk under uncertain local sea-level rise. *Climatic Change*. doi: 10.1007/s10584-016-1664-7
- O'Neill, B.C., **Tebaldi, C.**, van Vuuren, D.P., Eyring, V., Friedlingstein, P., Hurtt, G., Knutti, R., Kriegler, E., Lamarque, J.-F., Lowe, J., Meehl, G.A., Moss, R., Riahi, K., and B.M. Sanderson (2016), The Scenario Model Intercomparison Project (ScenarioMIP) for CMIP6. *Geoscientific Model Development*, 9, 3461-3482. doi:10.5194/gmd-9-3461-2016
- Sanderson, B.M., O'Neill, B.C. and **C. Tebaldi** (2016), What would it take to achieve the Paris temperature targets? *Geophysical Research Letters*. doi: 10.1002/2016GL069563
- Alexeeff, S.E., Nychka, D., Sain, S.R. and **C. Tebaldi** (2016), Emulating mean patterns and variability of temperature across and within scenarios in anthropogenic climate change experiments. *Climatic Change*. doi:10.1007/s10584-016-1809-8
- Fix, M., Cooley, D., Sain, S. and **C. Tebaldi** (2016), A comparison of U.S. precipitation extremes under RCP8.5 and RCP4.5 with an application of pattern scaling *Climatic Change*. doi:10.1007/s10584-016-1656-7
- Tebaldi, C.** and M. Wehner (2016), Benefits of mitigation for future heat extremes under RCP4.5 compared to RCP8.5. *Climatic Change*, doi:10.1007/s10584-016-1605-5.
- Tebaldi, C.** and D. Lobell (2015), Estimated impacts of emission reductions on wheat and maize crops. *Climatic Change*, doi:10.1007/s10584-015-1537-5.
- Kopp R.E., Horton, B.P., Kemp, A.C. and **C. Tebaldi** (2015), Past and future sea-level rise along the coast of North Carolina, USA. *Climatic Change*, doi: 10.1007/s10584- 015-1451-x.
- Tebaldi, C.**, O'Neill, B.C. and J-F Lamarque (2015), Sensitivity of regional climate to global temperature and forcing. *Environmental Research Letters*, **10**, 074001, doi:10.1088/1748-9326/10/7/074001.
- Jones, B., O'Neill, B.C., McDaniel, L., McGinnis, S., Mearns, L.O. and **C. Tebaldi** (2015), Future population exposure to U.S. heat extremes. *Nature Climate Change* **5**, 652–655, doi:10.1038/nclimate2631.
- Johansson, D.J.A., O'Neill, B.C., **Tebaldi, C.** and O. Haggström (2015), Equilibrium climate sensitivity in light of observations over the warming hiatus. *Nature Climate Change* **5**, 449-453, doi:10.1038/nclimate2573.
- Lobell, D. and **C. Tebaldi** (2014), Getting caught with our plants down: the risks of a global crop yield slowdown from climate trends in the next two decades. *Environmental Research Letters*, **9**, 074003, doi:10.1088/1748- 9326/9/7/074003.
- Kopp, R. E., Horton, R.M., Little, C.M., Mitrovica, J.X., Oppenheimer, M., Rasmussen, D.J., Strauss, B.H. and **C. Tebaldi** (2014), Probabilistic 21st and 22nd century sea-level projections at a global network of tide-gauge sites, *Earth's Future*, doi:10.1002/2014EF000239.
- Tebaldi, C.** and J.M. Arblaster (2014), Pattern scaling: a review of its strengths and limitations, and an update on the latest model simulations, *Climatic Change*, **122**(3), 459-471. doi: 10.1007/s10584-013-1032-9
- Tebaldi, C.** and P. Friedlingstein (2013), Delayed detection of climate mitigation benefits due to climate inertia and variability. *Proceedings of the National Academy of Sciences*, **110**, 17229-34

- Hu, A., Xu, Y., **Tebaldi, C.** et al. (2013), Slowing down 21st century sea level rise through mitigation of short-lived climate pollutants. *Nature Climate Change*, **3**, doi:10.1038/nclimate1869.
- Meehl, G.A., Hu, A., **Tebaldi, C.** et al. (2012), Relative outcomes of climate change mitigation related to global temperature versus sea level rise. *Nature Climate Change*, **2**, 576-580.
- Meehl, G.A., Washington, W. M., Arblaster, J.M., Hu, A., Teng, H., **Tebaldi, C.** et al. (2012), Climate System Response to External Forcings and Climate Change Projections in CCSM4. *J. Climate*, **25**, 3661-3683.
- Tebaldi, C.**, Strauss, B.H. and C. E. Zervas (2012), Modelling sea level rise impacts on storm surges along US coasts. *Environmental Research Letters*, **7**, 014032, doi:10.1088/1748-9326/7/1/014032.
- Duffy, P.B. and **C. Tebaldi** (2012), Increasing prevalence of extreme summer temperatures in the U.S. *Climatic Change*, **111**, 487-495.
- Tebaldi, C.**, Arblaster, J.M and R. Knutti (2011), Mapping model agreement on future climate projections. *Geophysical Research Letters*, **38**, L23701.
- Mastrandrea, M.D., **Tebaldi, C.**, Snyder C.P., and S.H. Schneider (2011), Current and Future Impacts of Extreme Events in California. *Climatic Change*, **109**, 43-70.
- Hegerl, G., Zwiers, F. and **C. Tebaldi** (2011), Patterns of change: Whose fingerprinting is seen in global warming? *Environmental Research Letters*, **6**, 044025.
- Peng R.D., Bobb, J.F., **Tebaldi, C.** et al. (2011), Toward a Quantitative Estimate of Future Heat Wave Mortality under Global Climate Change. *Environmental Health Perspectives*, **119**, 701-706.
- Meehl, G.A., Hu, A. and **C. Tebaldi** (2010), Decadal prediction in the pacific region. *J. Climate*, **23**, 2959-2973.
- Knutti, R., Furrer, R., **Tebaldi, C.**, Meehl, G.A. and J. Cermak (2010), Challenges in combining projections from multiple climate models. *J. Climate*, **23**, 2739-2758.
- Meehl, G.A., **Tebaldi, C.**, Walton, G., Easterling, D. and L. McDaniel (2009), The relative increase of record high maximum temperatures compared to record low minimum temperatures in the U.S. *Geophysical Research Letters*, **36**, L23701, doi:10.1029/2009GL040736.
- Tebaldi, C.** and B. Sanso (2009), Joint projections of temperature and precipitation change from multiple climate models: a hierarchical Bayesian approach. *J. Royal Statistical Society A*, **172**, 83-106.
- Smith, R. L., **Tebaldi, C.**, Nychka, D. and L. O. Mearns (2009), Bayesian modeling of uncertainty in ensembles of climate models. *J. American Statistical Association*, **104**, 97-116.
- Manning, L. J., Hall, J.W., Fowler, H.J., Kilsby, C.G. and **C. Tebaldi** (2009), Using probabilistic climate change information from a multimodel ensemble for water resources assessment, *Water Resources Research*, **45**, W11411, doi: 10.1029/2007WR006674.
- Washington, W. M., Knutti, R., Meehl, G.A., Teng, H., **Tebaldi, C.**, Lawrence, D., Buja, L. and W. G. Strand (2009), How much climate change can be avoided by mitigation? *Geophysical Research Letters*, **36**, L08703, doi: 10.1029/2008GL037074
- Groves, D. G., Yates, D. and **C. Tebaldi** (2008), Developing and applying uncertain global climate change projections for regional water management planning, *Water Resources Research*, **44**, W12413, doi:10.1029/2008WR006964.
- Tebaldi C.** and D. B. Lobell (2008), Towards probabilistic projections of climate change impacts on global crop yields. *Geophysical Research Letters*, **35**, L08705, doi:10.1029/2008GL033423
- Lobell, D.B., Burke, M.B., **Tebaldi, C.**, Mastrandrea, M.D., Falcon, W.P. and R.L. Naylor (2008), Prioritizing climate change adaptation needs for food security in 2030. *Science*, **319**, 607-610.

- Meehl, G.A., **Tebaldi, C.**, Teng H. and T. C. Peterson (2007), Current and future U.S. weather extremes and El Nino. *Geophysical Research Letters*, **34**, L20704, doi:10.1029/2007GL031027.
- Meehl, G.A., Arblaster, J.M. and **C. Tebaldi** (2007), Contributions of natural and anthropogenic forcing to changes in temperature extremes over the U.S. *Geophysical Research Letters*, **34**, L19709, doi:10.1029/2007GL030948.
- Fowler, H.J., Blenkinsop, S. and **C. Tebaldi** (2007), Linking climate change modelling to impacts studies: recent advances in downscaling techniques for hydrological modeling. *International J. Climatology*, **27**, 1547-1578.
- Tebaldi, C.** and R. Knutti (2007), The use of the multimodel ensemble in probabilistic climate projections. *Philosophical Transactions of the Royal Society*, **365**, 2053-2075.
- Tebaldi, C.**, Hayhoe, K., Arblaster, J.M. and G. A. Meehl (2006), Going to the extremes: An intercomparison of model-simulated historical and future changes in extreme events. *Climatic Change*, **79**, 185-211.
- Lopez, A., **Tebaldi, C.**, New, M., Stainforth, D., Allen M. and J. Kettleborough (2006), Two approaches to quantifying uncertainty in global temperature changes. *J. Climate*, **19**, 4785-4796.
- Sharman, R., **Tebaldi, C.**, Wolff, J. and G. Wiener (2006), An Integrated Approach to mid- and upper-level turbulence forecasting. *Weather and Forecasting*, **21**, 268-287.
- Dobra, A., **Tebaldi, C.** and M. West (2006), Bayesian Inference in incomplete multi-way tables. *J. Statistical Planning and Inference*, **136**, 355-372.
- Meehl, G.A., Arblaster, J.M. and **C. Tebaldi** (2005), Understanding future patterns of increased precipitation intensity in climate models. *Geophysical Research Letters*, **32**, L18719, doi:10.1029/2005GL023680.
- Tebaldi, C.**, Smith, R. L., Nychka D. and L. O. Mearns (2005), Quantifying uncertainty in Projections of Regional Climate Change: a Bayesian Approach to the Analysis of Multimodel Ensembles. *J. Climate*, **18**, 1524-1540.
- Tebaldi, C.**, Mearns, L.O., Nychka, D. and R. L. Smith (2004), Regional probabilities of precipitation change: A Bayesian analysis of multimodel simulations. *Geophysical Research Letters*, **31**, L24213, doi:10.1029/2004GL021276.
- Meehl, G.A., **Tebaldi, C.** and D. Nychka (2004), Changes in Frost Days in Simulations of 21st Century Climate. *Climate Dynamics*, **23**, 495-512.
- Meehl, G.A. and **C. Tebaldi** (2004), More intense, more frequent and longer lasting heat waves in the 21st century. *Science*, **305**, 994-997.
- Meehl, G.A., Washington, W.M., Ammann, C.M., Arblaster, J.M., Wigley T.M. and **C. Tebaldi** (2004), Combinations of natural and anthropogenic forcings in 20th century climate. *J. Climate*, **17**, 3721-3727.
- Katz, R.W., Parlange, M. and **C. Tebaldi** (2003), Stochastic Modeling of the Effects of Large-Scale Circulation on Daily Weather in the Southeastern U.S., *Climatic Change*, **60**, 189-216.
- Nychka, D. and **C. Tebaldi** (2003), Comments on 'Calculation of Average, Uncertainty Range, and Reliability of Regional Climate Changes from AOGCM Simulations via the Reliability Ensemble Averaging (REA) Method. *J. Climate*, **16**, 883-884.
- Tebaldi, C.**, West, M. and A. Karr (2002), Short-Term Forecasting of Freeway Traffic Flows. *J. Forecasting*, **21**, 39-68.
- Tebaldi, C.**, Nychka, D., Brown, B.G. and R. Sharman (2002), Flexible Discriminant Techniques for Forecasting Clear-Air Turbulence. *Environmetrics*, **13**, 859-878.

Tebaldi, C., Nychka, D. and G. Branstator (2001), Non linearities and Multiple Equilibria in the Atmosphere. A Statistical Description. *First SIAM International Conference on Data Mining, Refereed Proceedings*.

Parmigiani, G., Berry, D., Winer, E., **Tebaldi, C.** and L. Prosnitz (1999), Is Axillary Node Dissection Indicated for Early Stage Breast Cancer? A Decision Analysis. *J. Clinical Oncology*, **17**, 1465-73.

Tebaldi, C. and M. West (1998), Bayesian Inference on Network Traffic Using Link Count Data. With discussion. *J. American Statistical Association*, **93**, 557-573.

Peer reviewed Book Chapters, Reports and Invited Publications

Griggs, G., Arvai, J., Cayan, D., DeConto, R., Fox, J., Fricker, H.A., Kopp, R. E., **Tebaldi, C.**, and E. A. Whiteman (2017) "Rising Seas in California: An Update on Sea-Level Rise Science." California Ocean Science Trust. <http://www.opc.ca.gov/webmaster/ftp/pdf/docs/rising-seas-in-california-an-update-on-sea-level-rise-science.pdf>

Collins, M., Knutti, R., Arblaster, J., Dufresne, J.L., Fichet, T., Friedlingstein, P., Gao, X., Gutowski, W.J., Johns, T., Krinner, G., Shongwe, M., **Tebaldi, C.**, Weaver, A.J., and M. Wehner (2013): Long-term Climate Change: Projections, Commitments and Irreversibility. 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* [Stocker, T.F., et al. (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA.

Alexander, L.A. and **C. Tebaldi** (2011), Climate and Weather Extremes: Observations, Modeling and Projections, in "Future of the World's Climate", Henderson Sellers and McGuffie Eds., Elsevier, pp. 253-288.

Tebaldi, C., Smith, R.L. and B. Sanso' (2010), Characterizing Uncertainty of Future Climate Change Projections Using Hierarchical Bayesian Models. in "Bayesian Statistics 9", J. M. Bernardo, M. J. Bayarri, J. O. Berger, A. P. Dawid, D. Heckerman, A. F. M. Smith and M. West eds. Oxford University Press.

Tebaldi, C. (2009), Climate Change Projections and their Uncertainty, chapter in "Climate change and food security: Adapting agriculture to a warmer world.", D. Lobell and M. Burke, eds. Springer.

Tebaldi, C. and R. L. Smith (2008). Characterizing the Uncertainty of Climate Change Projections Using Hierarchical Models, chapter in "The Handbook of Applied Bayesian Analysis", M. West and T. O'Hagan eds. Oxford University Press.

Tebaldi, C., Mastrandrea, M.D. and R. L. Smith (2008). Global Warming entry in "Encyclopedia on Quantitative Risk Assessment.", W. Piergosh ed., Wiley, NY.

Tebaldi, C. and G.A. Meehl. (2008) Beyond mean climate change: what climate models tell us about future climate extremes. Assessing, modeling and monitoring the impacts of extreme climate events, H. F. Diaz and R. J. Murnane eds., Cambridge University Press.

Tebaldi, C. and D. Nychka. (2004) Discussion of 'Calibrated Probabilistic Mesoscale Weather Field Forecasting' by Gel et al. *Journal of the American Statistical Association*.

Tebaldi, C., Nychka, D., Brown, B.G. and R. Sharman (2000) Forecasting Clear-Air Turbulence. In "Case studies in Statistics and the Atmospheric Sciences", Springer-Verlag.