

Roger A. Pielke Jr.

Professor of Environmental Studies
University of Colorado
Boulder, Colorado 80309
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CURRENT POSITIONS at the UNIVERSITY OF COLORADO, Boulder

Professor, 2004- Environmental Studies Program
Faculty Affiliate, 2017- Center for Science and Technology Policy Research
Director, 2016- Sports Governance Center, CU Athletics

OTHER PROFESSIONAL APPOINTMENTS

Current

2018- Science & Economy Advisor, Environmental Progress (San Francisco)
2017- Co-President, Board of Directors, FC Boulder
2017- Associate, Risk Frontiers (Sydney)
2016- Distinguished Fellow, Institute of Energy Economics, Japan (Tokyo)
2015- Member, Board of Directors, FC Boulder
2009- Distinguished Visiting Scholar, Arizona State University, Consortium for Science, Policy, and Outcomes

Past

2008-2018 Senior Fellow, The Breakthrough Institute
2011-2017 Research Fellow, Risk Frontiers, Macquarie University, Sydney, Australia
2013-2016 Director, CIRES Center for Science and Technology Policy Research
2003-2016 Director, Graduate Certificate Program in Science and Technology Policy
2001-2016 Fellow, Cooperative Institute for Research in the Environmental Sciences
2008-2016 Advisory Board Member, The Breakthrough Institute
2010-2012 Visiting Fellow, Mackinder Institute, London School of Economics, London, UK
2008-2009 Associate Fellow, Oxford University, Said Business School, Oxford Institute for Science, Innovation and Society
2007 Visiting Fellow, Oxford University, Said Business School, James Martin Institute for Science and Civilization
2004-2009 Affiliated Scholar, Arizona State University, Consortium for Science, Policy, and Outcomes
2004-2007 Affiliate Scientist, Institute for the Study of Society and Environment, National Center for Atmospheric Research
2001-2007 Director, Center for Science and Technology Policy Research, University of Colorado/CIRES
2002-2004 Associate Director, University of Colorado, Environmental Studies Program
2002-2004 Director of Graduate Studies, University of Colorado, Environmental Studies Program
1998-2004 Academic Advisory Board, Columbia University, Center for Science, Policy and Outcomes
1998-2001 Adjunct Scientist, University of Illinois, Illinois State Water Survey
2000-2004 Faculty Associate, Columbia University, Center for Science, Policy and Outcomes
1997-2000 Affiliate Professor, University of Colorado, Department of Political Science

GOOGLE SCHOLAR METRICS(as of 17 Dec 2018)

<https://scholar.google.com/citations?user=WtqpmDIAAAAJ>

<i>Citation indices</i>	All	Since 2013
Citations	17,600	8,071
h-index	57	42

EDUCATION

- 1994 Ph. D., Political Science, University of Colorado
 Dissertation: **Completing the Circle:
 Global Change Science and Usable Policy Information**
 Fields of Emphasis: Public Policy, American Politics, Methodology
- 1992 M.A., Public Policy, University of Colorado
 Thesis: **The Space Shuttle Program: A Policy Appraisal**
- 1990 B.A., Mathematics, University of Colorado

AWARDS and RECOGNITION

- 2017 C.J. "Pete" Silas Lecturer in Ethics and Leadership, Georgia Tech
 2017 Service Commendation, CU System Privilege & Tenure Committee
 2015 George Mitchell Lecturer, University of Maine
 2013 Fellow, Geological Society of America
 2012 Public Service Award, Geological Society of America
 2012 Doctorate honorus causa (Honorary Doctorate), Linköping University, Sweden
 2011 Visiting Scholar, Linköping University, Sweden
 2009 Distinguished Visiting Scholar, Aston University, Birmingham, UK
 2008 Bruno Kreisky Forum for International Dialogue Lectureship, Vienna, Austria
 2007 James Martin 21st Century Fellow, Oxford University
 2006 Eduard Brückner Prize for Outstanding Achievement in Interdisciplinary Climate Research, Munich, Germany
 2006 7th Annual Roger Revelle Commemorative Lecture, Ocean Sciences Board, National Research Council
 2002 Elected to Electorate Nominating Committee AAAS Section Y, General Interest in Science and Technology
 2002 International Association for Meteorological and Atmospheric Sciences Lecturer, Innsbruck, Austria
 2001 Outstanding Graduate Faculty Advisor, Department of Political Science, University of Colorado
 2000 Sigma Xi Distinguished Lecturer
 2000 Keunhast Lecturer, University of Minnesota
 1994 Robert Vernon Stover Scholarship, University of Colorado
 1994 Graduate Student Creative Work and Research Award, University of Colorado
 1993 Dayton McKean Paper Award, Department of Political Science, University of Colorado
 1993 NASA Earth Science Summer School Fellowship
 1993 University of Colorado Dissertation Grant
 1986 National Merit Scholar

EDITORIAL BOARD MEMBERSHIP

- 2007- Member, Editorial Board, *Minerva*
 2007- Member, Editorial Board, *Nature & Culture*
 2006-2015 Member, Editorial Board, *Environmental Hazards*
 2006-2015 Member, Editorial Board, *Water Resources Research*
 2004-2015 Member, Editorial Board, *Environmental Science and Policy*
 2004-2015 Member, Editorial Board, *Darwin*
 2001-2015 Member, Editorial Board, *Policy Sciences*

2001-2015	Member, Editorial Board, <i>Natural Hazards Review</i>
2006-2013	Member, Editorial Board, <i>Global Environmental Change: Human and Policy Dimensions</i>
2008-2011	Member, Editorial Board, <i>Wiley Interdisciplinary Reviews: Climate Change</i>
2001-2007	Member, Editorial Board, <i>Bulletin of the American Meteorological Society</i>
2003-2005	Member, Editorial Board, International Encyclopedia of Science, Technology and Ethics

NATIONAL and INTERNATIONAL BOARD and COMMITTEE SERVICE

2018-	Member, Advisory Board, Enlightenment 2.0, European Commission
2017-	Member, Advisory Board, Institute for Science & Policy, Denver Museum of Nature and Science
2009-2016	Member, Science Advisory Board, CliSAP, University of Hamburg, Germany
2011-2015	Member, Committee on Responsible Science, National Research Council
2010-2015	Member, Scientific Advisory Board, RELKLIM, University of Innsbruck, Austria
2008-2009	Member, Committee on Science for Policy, Bipartisan Policy Center, Washington, DC
2007-2010	Member, International Advisory Board, QUEST, University of Bristol, UK
2006-2008	Member, Steering Committee, The Nation's Coasts: A Vision for the Future, H. John Heinz III Center for Science, Economics and the Environment
2005-2007	Member, Advisory Committee, Societal Impacts Group, National Center for Atmospheric Research
2003-2005	Advisory Panel, Program on Societal Dimensions of Engineering, Science and Technology, National Science Foundation
2003-2008	Member, Advisory Committee, Pacific ENSO Applications Center
1998-2003	Member, Science Steering Committee, World Weather Research Programme, World Meteorological Organization
2001-2003	Consultant, National Academy of Sciences, Board on Environment and Natural Resources, Committee on Public-Private Partnerships in Weather and Climate Services
2001-2003	Member, Expert Social Science Review Panel, National Oceanic and Atmospheric Administration Science Advisory Board
2001-2006	Member, Board of Directors, WeatherData, Inc.
2001	Chair, Review Committee of National Oceanic and Atmospheric Administration, Office of Global Programs, CLIMAS Program
2000-2001	Member, National Academy of Sciences, Board on Ocean Sciences Committee on Abrupt Climate Change
1999-2002	Member, Board on Atmospheric Sciences and Climate, National Academy of Sciences
1999	Member, Program Review Team, Battelle Pacific Northwest National Laboratory Climate and Global Change Program, 10-11 June, 1999, Washington, DC.
1999	Member, National Center for Environmental Prediction/University Corporation for Atmospheric Research Review Team of the NCEP Storm Prediction Center, 24-25 February, 1999, Norman, Oklahoma.
1998-2002	Member, Climate and Global Change Review Panel, Office of Global Programs National Oceanic and Atmospheric Administration, Member of Executive Committee (2000-2002)
1999-2002	Chair, Committee on Societal Impacts, American Meteorological Society
1999-2001	Member, Diversity Task Force, University Corporation for Atmospheric Research
1998-1999	World Meteorological Organization Member, Science Steering Committee, Joint U.S.-Chinese Symposium on Climate, Environmental Change, and Regional Impacts and Workshop on the Impacts of Ocean Variability and Climate, NOAA/CMA/COA
1998-2000	Chair, U.S. Weather Research Program, Weather Impacts and Use Assessment Committee
1998-1999	Member, Scientific Steering Committee, Symposium on Climate, Environmental Change, and Regional Impacts, National Oceanic and Atmospheric Administration and Chinese Meteorological Agency
1998	Member, Workshop Organizing Team, NASULGC/BOA, NOAA, UCAR, and IBHS Workshop

- on Developing and Effectively Using Tools to Reduce Our Vulnerability to Coastal Hazards, April, Washington, DC
- 1997-2000 Member, Science Steering Committee, U.S. Weather Research Program
- 1997-1999 Member, Panel on Risk, Vulnerability, and the True Costs of Coastal Hazards, The H. John Heinz III Center for Science, Economics, and the Environment
- 1997-1999 Member, Task Committee on Mitigating Hydrological Disasters, American Society of Civil Engineers
- 1997 Member, Workshop Organizing Team, U.S. Weather Research Program, Workshop on Hurricane Landfall, Miami, FL.
- 1997 Member, National Weather Service Disaster Survey Team on Flooding on the Red River of the North, North Dakota/Minnesota.
- 1997 Member, Program Committee, U.S. National Assessment of Climate Change, Southeast Regional Workshop on Climate Variability and Water Resources, Nashville, TN
- 1996-1999 Member, Committee on Societal Impacts, American Meteorological Society

UNIVERSITY SERVICE

- 2016- Director, Sports Governance Center
- 2016-2018 Chair, SGC Professional Master's Degree Planning Committee
- 2016 Chair, SGC Strategic Planning Core Team
- 2016 Chair, CIRES Innovative Research Program Committee
- 2016-2017 Member, Student Athlete Working Group
- 2015- Member, Privilege & Tenure Committee, CU-System
- 2014- Participant, CU-Boulder Fulbright Scholarship interviews
- 2013-2016 Member, Advisory Board, Ethnic Studies Undergraduate Certificate Program in Critical Sports Studies
- 2013-2014 Member, CIRES Career Track Committee
- 2013-2014 Member, CIRES ESOC Director Search Committee
- 2013-2014 Member, ENVS PUEC Committee (Max Boykoff)
- 2013 Chair, ENVS Policy Secondary Core Review Committee
- 2012 ENVS Program By-Laws Revision
- 2012 Member, ENVS PUEC Committee (Max Boykoff)
- 2012 CIRES GRA Fellowship Committee
- 2011 Chair, ENVS Self-Study Committee
- 2011 Member, ENVS PUEC Committee (Ben Hale)
- 2011 Chair, ENVS PUEC Committee (Jill Litt)
- 2010 ENVS Graduate Committee
- 2009-2011 Steering Committee, Geosciences Initiative
- 2008-2009 Chair, CIRES Science Policy Faculty Search Committee
- 2008-2010 CIRES Executive Committee
- 2008 (fall) Interim Director, ENVS Graduate Program
- 2007-2011 ENVS Executive Committee
- 2006-2007 Chair, CIRES/ENVS Science Policy Faculty Search Committee
- 2006-2007 CIRES New Fellows Committee
- 2006 CIRES External Review Committee
- 2006 Environmental Studies Graduate Curriculum Committee
- 2005-2006 CIRES PRP Committee
- 2004-2006 ENVS-PSCI Faculty Search Committee
- 2004-2005 CIRES Career Track Committee
- 2004-2005 CIRES Anthropogenic Perturbations Faculty Search Committee
- 2004-2005 CIRES Director Search Committee
- 2004-2006 Chancellor's Federal Relations Advisory Committee

2004-2005	Environmental Studies Curriculum Committee
2003-2004	Chair, CIRES Visiting Fellows Committee
2003-2005	Director's Advisory Committee for the CU-Boulder Environmental Program
2003	University of Colorado Homeland Security Taskforce
2003	University of Colorado Environmental Awards Committee
2003-	CIRES Integrating Activities Theme Leader
2002-	Director, ENVIS Graduate Program Policy Secondary Core
2002-2004	Director, ENVIS Graduate Program
2002-2004	CIRES Visiting Fellows Committee
2001-2005	Western Water Assessment Management Team
2001-2004	Environmental Studies Executive Committee
2001-2004	Environmental Studies Graduate Curriculum Committee
2002	CIRES Innovative Research Program Review Committee
2001-2003	Beverly Sears Graduate Student Grant Committee

EXTERNAL FUNDING

(note dates and amounts approximate, and unless otherwise noted, Pielke was PI)

- 1994: NSF \$300k, Atmosphere Sciences, Extreme Mesoscale Events and Impacts (Glantz PI)
- 1996: NSF \$100k, Atmospheric Sciences, U.S. Weather Research Program (note grant was \$100k per year on an on-going basis added to NCAR NSF base funding) for Societal Aspects of Weather
- 1997: NSF, \$100k Societal Dimensions of Engineering, Science, and Technology, Use and Misuse of Predictions in Decision Making (Sarewitz PI)
- 1998: NOAA: \$50k, Coastal Services Center, Hurricane Camille 30-Year Retrospective
- 1999: NOAA: \$150k, Office of Global Programs, Program on Climate Change Data and Detection, Reanalysis of economic data on damaging floods in the United States
- 2000: NSF: \$80k, Engineering, Extreme events: developing a research agenda for the 21st century (Sarewitz PI)
- 2000: NOAA: \$300k, Office of Global Programs, Program on Climate and Societal Interactions, Science and Technology Policy Center (Avery PI)
- 2000: NSF: \$80k, Research Experiences for Undergraduates, Global Climate Change and Society (Frodeman, PI)
- 2001: NSF: \$75k, Atmospheric Sciences, U.S. Weather Research Program, Atmospheric Sciences Policy Education and Network
- 2002: NOAA: \$125k, Office of Global Programs, Carbon Cycle Research Program, Carbon Cycle Supply and Demand
- 2002: NSF: \$150k, Societal Dimensions of Engineering, Science, and Technology, Ethnography of carbon cycle science (Lahsen PI)
- 2002: ICAT Managers (private company) \$50k, Evaluation of catastrophe models for insurance and reinsurance decision making
- 2004: MISTRA Foundation (Sweden), 3 million Swedish Krona (~\$420k), Climate Science and Policy 2012+ (Öberg PI)
- 2004: NSF, \$2.4M, Science Policy Assessment and Research on Climate, Decision Making Under Uncertainty
- 2004: NWS, \$30k, Policy Evaluation of Public-Private Partnership in Level II Radar Data
- 2006: NSF, \$36k, Decision Making Under Uncertainty and Pragmatism, Ethics and Values of Science, Engineering, and Technology
- 2008: NSF: \$50k, Scholar's Award, Basic Research as a Political Symbol, Science of Science and Innovation Policy
- 2008: NSF: \$40k, Joint US-Norway Workshop on the Role of SciSIP Research in Science Policy Decision Making, Science of Science and Innovation Policy
- 2009: NSF, \$250k, Science Policy Assessment and Research on Climate, Decision Making Under Uncertainty
- 2013: Nathan Cummings Foundation, \$100k, How Philanthropy can Improve its Effectiveness in Policy and Politics

PUBLICATIONSBooks

Pielke, Jr., R. (in preparation), **The Honest Broker in Practice: Making Use of Science in Policy and Politics**, (Cambridge University Press).

Pielke, Jr. R. 2018. **The Rightful Place of Science: Disasters and Climate Change, 2nd edition** (CSPO: ASU).

Lloyd, J. et al. 2017. (Pielke, Jr., R., contributor) **The Rightful Place of Science: Climate Pragmatism** (CSPO: ASU).

Pielke, Jr., R. 2016. **The Edge: The Quest for Competitive Advantage in the Cutthroat World of Elite Sports**, Roaring Forties Press (San Francisco, CA).

Pielke, Jr. 2015. **Pielke's Perspective: A Collection of Articles from Bridges, OST's Publication on Science & Technology Policy.**, 93 pp., Center for Science and Technology Policy Research, Published July 2015.

Pielke, Jr. R. 2014. **The Rightful Place of Science: Disasters and Climate Change** (CSPO: ASU).

Pielke, Jr., R. A. 2011 (paperback) and 2010 (hardback). **The Climate Fix: What scientists and politicians won't tell you about global warming** (Basic Books).

Pielke, Jr. R. A. and R Klein, (editors) 2010. **Science, Policy, and Politics in the White House: Conversations with Presidential Science Advisors 1964-2008** (Springer, The Netherlands)

Pielke, Jr., R. A. 2007. **The Honest Broker: Making Sense of Science in Policy and Politics**, (Cambridge University Press).

Pielke, Jr., R. A. 2005. **Scienza e Politica. La lotta per il consenso** (in Italian), (Rome: Latzera).

Pielke, Jr., R. A. and R. A. Pielke, Sr. (editors). 2000. **Storms**, a volume in the nine-volume series of **Natural Hazards & Disasters Major Works** published as a contribution to the International Decade for Natural Disaster Reduction (London: Routledge Press).

Sarewitz, D., R. A. Pielke, Jr., and R. Byerly, (editors) 2000. **Prediction: Science, Decision Making and the Future of Nature** (Washington, DC: Island Press).

Pielke, Jr., R. A. and R. A. Pielke, Sr. 1997. **Hurricanes: Their Nature and Impacts on Society** (London: John Wiley and Sons Press).

Columns, Newsletters and Blogs

Newsletter, 2017-2018, Pielke on Climate (quasi-monthly), <http://theclimatefix.wordpress.com>

Editor and contributor, 2016-2018, The Honest Broker Blog, <http://thehonestbroker.org>

Editor and contributor, 2012- 2018, The Least Thing Blog, <http://leastthing.blogspot.com>

Editor and contributor, 2016- Roger Pielke Jr. <http://rogerpielkejr.com>

Columnist, 2016 *The Daily Camera* (Boulder)

Columnist, 2013-2018, *The Guardian Political Science*, <https://www.theguardian.com/profile/roger-pielke-jr>

Columnist, 2014- *Sporting Intelligence*, <http://www.sportingtintelligence.com>

Contributor, 2014, *FiveThirtyEight*, <http://www.fivethirtyeight.com>

Columnist, 2012-2014 *The Breakthrough Journal* <http://www.thebreakthrough.org>

Columnist, 2005-2014 *Bridges* the Embassy of Austria's Office of Science and Technology Publication on Science & Technology Policy, Washington, DC. <http://www.ostina.org>

Editor and contributor, 2009-2014 Roger Pielke Jr.'s Blog, <http://rogerpielkejr.blogspot.com>

Editor, 2013-present and 2003-2007 *Ogmios*, Newsletter of the CIRES Center for Science and Technology Policy Research, University of Colorado, <http://sciencepolicy.colorado.edu/ogmios/archives/>

Editor and contributor, 2004- 2009 *Prometheus: The Science Policy Weblog*, CIRES Center for Science and Technology Policy Research, University of Colorado, <http://sciencepolicy.colorado.edu/prometheus>

Editor, *WeatherZine*, Newsletter of the Atmospheric Sciences Policy Education and Network (ASPEN) Program, 1996-2002.

Special Journal Issues

Pielke, Jr., R. A., 2011. Guest Editor, Special Issue: Science Policy Research in Science Policy Decision Making, *Policy Sciences*.

Pielke, Jr., R. A. and D. Sarewitz, 2007. Guest Editors, Special Issue: Reconciling the Supply of and Demand for Science: The Case of Carbon Cycle Research, *Environmental Science and Policy*, V. **10**, No. 1.

Pielke, Jr., R. A. and S. Rayner, 2004. Guest Editors, Special Issue: Science, Policy, and Politics: Learning from Controversy over The Skeptical Environmentalist, *Environmental Science and Policy*, V. **7**, No. 5.

Articles and Book Chapters

McAneney, J., B. Sandercock, R. Crompton, T. Mortlock, R. Musulin, R. Pielke, Jr., and A. Gissing, (under review). Normalised Insurance Losses from Australian Natural Disasters: 1966-2017, *Environmental Hazards*.

Pielke, Jr. R., R. Tucker and E. Boye, (under review). Scientific Integrity and the IAAF Testosterone Regulations, *International Journal of Sports Law*.

Pielke, Jr., R. and E. Boye (under review), Scientific Integrity and Anti-Doping Regulation, *Drug Science, Policy, and Law*.

Pielke, Jr., R. and Björn-Ola Linnér (under review), From Green Revolution to Green Evolution: A Case Study in Technology Assessment and Political Myth, *Minerva*.

Weinkle, J., C. Landsea, D. Collins, R. Musulin, R. P. Crompton an P. J. Klotzbach, R. Pielke Jr. 2018. Normalized Hurricane Damage in the Continental United States: 1900-2017, *Nature Sustainability*.

Klotzbach, P. J., Bowen, S. G., Pielke Jr, R., & Bell, M. 2018. Continental United States hurricane landfall

frequency and associated damage: Observations and future risks. *Bulletin of the American Meteorological Society*, July:1359-1377.

Weinkle, J. and R. Pielke, Jr. (2018). Weather and Climate Damage Studies, *Oxford Bibliographies: Geography*, DOI: 10.1093/OBO/9780199874002-0194.

Pielke, Jr., R. (2018). Tracking Progress on the Economic Costs of Disasters Under the Indicators of the Sustainable Development Goals, *Environmental Hazards*.

Pielke, Jr. R. (2018). Opening Up the Climate Policy Envelope. *Issues in Science and Technology*, 34, no. 4 (Summer).

Pielke, Jr., R., R. Tucker and E. Boye, (2018). Serious Problems Found in a Partial Replication of Bernier and Garnier (2017), *Science of Sport*.

Pielke, R. 2018. Assessing Doping Prevalence is Possible. So What Are We Waiting For?. *Sports Medicine*, **48**:207-209.

Pielke Jr, R. 2017. Sugar, spice and everything nice: how to end 'sex testing' in international athletics. *International Journal of Sport Policy and Politics*, 1-18.

Pielke, Jr. R. 2017. Climate Change as Symbolic Politics in the United States, *IEEJ Journal* (October, pp. 11-15).

Weinkle, J., & Pielke Jr, R. 2017. The Truthiness about Hurricane Catastrophe Models. *Science, Technology, & Human Values*, **42**:547-576.

Pielke, Jr. R. 2016. Catastrophes of the 21st Century, chapter prepared for R. Blong (ed.) **Beyond Tomorrow ...**, (Aon Benfield Australia, Sydney).

Pielke, Jr., R. 2016. Tracking Climate Progress: A Guide for Policy Makers and the Informed Public, *IEEJ Energy Journal: The 50th Anniversary Special Issue, Mapping the Energy Future*, pp. 50-53.

Pielke, Jr., R. 2015. Lessons from 50 Years of Science Advice to the US President, pp. 51-66, Chapter 3 in (in P. Weingart and G. Wagner eds.) **Wissenschaftliche Politikberatung im Praxistest**.

Pielke, R., 2015. Gather data to reveal true extent of doping in sport. *Nature* 517 (7536) 529-529.

Pielke, Jr., R. A. 2015. Anti-Doping Agencies Are Failing in Assessing the Scale of the Drugs Problem. *Sporting Intelligence* (This is published with a companion piece at: <http://www.nature.com/news/gather-data-to-reveal-true-extent-of-doping-in-sport-1.16798>), Published January 28 2015.

Pielke, Jr., R. A. 2015, Obstacles to Accountability in International Sports Governance. *Transparency International Global Corruption Report: Sport* , Published April 2015.

Stevenson, S. and R. A. Pielke, Jr. 2015. Assumptions of Spontaneous Decarbonization in the IPCC AR5 Baseline Scenarios. Center for Science and Technology Policy Research, CIRES/University of Colorado. Published July 2015.

Pielke, Jr., R. A. 2014. US immigration policy negatively impacts US Soccer. *Law in Sport* , Published January 12.

Pielke, Jr., R. A., S. Mohleji, 2014. Reconciliation of Trends in Global and Regional Economic Losses from Weather Events: 1980-2008. *Natural Hazards Review* 1-26.

Moss, T., R. Pielke, Jr., and M. Bazilian 2014. Balancing Energy Access and Environmental Goals in Development Finance: The Case of the OPIC Carbon Cap. *Center for Global Development Policy Paper* 038.

McAneney, J., R. Crompton, R. Musulin, G. Walker, D. McAneney and R. Pielke, Jr. 2014. Reflections on disaster loss trends, global climate change and insurance, pp. 26-33 in J. P. Plaliutikof et al. (eds.), **Applied Studies in Climate Adaptation** (John Wiley).

Bazilian, M. and R. Pielke, Jr. 2013. Making Energy Access Meaningful (full version with figures). *Issues in Science and Technology* Summer 74-79.

Pielke, Jr., R. A. 2013. Letter from America: A Memo to Sir Mark Walport. **Future Directions For Scientific Advice in Whitehall**, Ed. R. Doubleday and J. Wilsdon, pp. 122-133, University of Cambridge's Centre for Science and Policy; Science Policy Research Unit (SPRU) and ESRC STEPS Centre at the University of Sussex; Alliance for Useful Evidence; Institute for Government; and Sciencewise,

Pielke, Jr., R. A. 2013. How can FIFA be held accountable? *Sport Management Review*, 16:255-267, doi: 10.1016/j.smr.2012.12.007.

Simmons, K. M., D. Sutter, and R. Pielke, Jr. 2013. Normalized tornado damage in the United States: 1950–2011. *Environmental Hazards*, 12:132-147, doi: 10.1080/17477891.2012.738642.

Pielke, Jr. R. A. 2012. Basic Research as a Political Symbol. *Minerva* 50:339-361

Pielke, Jr., R. A. 2012. Post-Normal Science in a German Landscape. *Nature and Culture* 7:196-212.

Simmons, K., D. Sutter, R.A. Pielke, Jr. 2012. Blown away: monetary and human impacts of the 2011 U.S. tornadoes, pp. 107-120 in **Extreme events and insurance: 2011 annus horribilis** (Edited by C. Courbage and W.R. Stahel) The Geneva Reports: Risk and Insurance Research.

Weinkle, J., R. Maue and R. Pielke, Jr., 2012. Historical Global Tropical Cyclone Landfalls. *Journal of Climate*, 25:4729-4735

Pielke, Jr. R. A. 2011. An evaluation of the targets and timetables of proposed Australian emissions reduction policies. *Environ. Sci. Policy* 14:20-27

Pielke, Jr., R. A. and R. Byerly, 2011. Shuttle programme lifetime cost. *Nature* 472 (7341) 38.

Crompton, R.P., K.J. McAneney, K. Chen, R.A. Pielke, Jr., and K. Haynes, 2011. Reply to the Nicholls (2011) comment on Crompton et al. (2010), "Influence of location, population, and climate on building damage and fatalities due to Australian bushfire: 1925–2009". *Weather, Climate, and Society* 3:63-66.

Crompton, RP; R. A. Pielke, Jr. and K. J. McAneney, 2011. Emergence timescales for detection of anthropogenic climate change in US tropical cyclone loss data. *Environ. Res. Lett.* 6 (1), Art. No. 14003, doi: 10.1088/1748-9326/6/1/014003.

R. Jonassen and R. A. Pielke, Jr., 2011. Improving conveyance of uncertainties in the findings of the IPCC. *Climatic Change*, doi: 10.1007/s10584-011-0185-7.

Lovbrand, E; R. A. Pielke, Jr. and S. Beck, 2011. A Democracy Paradox in Studies of Science and Technology. *Sci. Technol. Hum. Values* 36:474-496.

Rick, U. K.; M. T. Boykoff, and R. A. Pielke, Jr. 2011., Effective media reporting of sea level rise projections: 1989-2009. *Environ. Res. Lett.* **6** (1) , Art. No. 14004, doi: 10.1088/1748-9326/6/1/014004

Crompton, R. P., K. J. McAneney, K. Chen, R. A. Pielke Jr., and K. Haynes. 2010. Influence of Location, Population and Climate on Building Damage and Fatalities due to Australian Bushfire: 1925-2009. *Weather, Climate, and Society* **2** 300-310, doi: 10.1175/2010WCAS1063.1.

Pielke, Jr., R. A., 2010. Creating useful knowledge: The role of climate science policy pp. 51-67 in P.J. Driessen, P. Leroy, and W. van Vierssen (Eds.) **From Climate Change to Social Change**, International Books, Utrecht, The Netherlands.

Pielke, Jr., R. A., 2010. Expert Advice and the Vast Sea of Knowledge. In A. Bogner, K.Katenhofer and H. Torgersen (Eds.) *Inter-und Transdisziplinaritat im Wandel?* 169-187, Nomos Verlagsgesellschaft.

Pielke, Jr., R.A., 2009. Mamizu Climate Policy: An Evaluation of Japanese Carbon Emissions Reduction Targets, *Environmental Research Letters*, Vol. **4**.

Pielke, Jr., R.A., 2009. A Perspective Paper on Climate Engineering, Including an Analysis of Carbon Capture as a Response to Climate Change, Copenhagen Consensus Center.

Pielke, Jr. R. A. 2009. United States Hurricane Landfalls and Damages: Can One to Five Year Predictions Beat Climatology?, *Environmental Hazards*, **8**:187-200.

Pielke, Jr., R. A., 2009. The British Climate Change Act: A Critical Evaluation and Proposed Alternative Approach, *Environmental Research Letters*, Vol. 4.

Pielke, Jr., R. A., 2009. An Idealized Assessment of the Economics of Air Capture of Carbon Dioxide in Mitigation Policy, *Environmental Science & Policy*, **12**: 216-225.

Pielke, Jr., R. A. and R. Klein, 2009. The Rise and Fall of the Science Advisor to the President of the United States. *Minerva*, DOI 10.1007/s11024-009-9117-3.

Dessai, S., Hulme, M., Lempert, R., and R. Pielke, Jr., 2009. Climate prediction: a limit to adaptation?, Chapter 5 in, *Adapting to Climate Change: Thresholds, Values, Governance*, W. N. Adger, I. Lorenzoni and K.L. O'Brien (eds.), Cambridge University Press, Cambridge, pp. 64-78.

Dessai, S., M. Hulme, R. Lempert, and R. Pielke, Jr. 2009. Do We Need Better Predictions to Adapt to a Changing Climate? *Eos*, 90 (13):111-112.

Hulme, M., Pielke, Jr., R., and S. Dessai, 2009. Keeping prediction in perspective, *Nature Reports Climate Change*, 29 October.

Klotzbach, P. J., Pielke, Sr., R. A., Pielke, Jr., R. A., Christy, J. R., and R. T. McNider, 2009. An alternative explanation for differential temperature trends at the surface and in the lower troposphere, *Journal of Geophysical Research*, Vol. 114, D21102.

Prins, G., Cook, M., Green, C., Hulme, M., Korhola, A., Korhola, E.R., Pielke, Jr., R., Rayner, S., Sawa, A., Sarewitz, D., Stehr, N., and H. von Storch, 2009. How to get climate policy back on course. Institute for Science, Innovation and Society, Oxford University and London School of Economics, The Mackinder Programme, LSE.

Vranes, K. and R. A. Pielke, Jr. 2009.. Normalized Earthquake Damage in the United States: 1900-2005, *Natural Hazards Review*, August: 84-101.

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Pielke, Jr., R. A., D. Sarewitz, L. Dilling, 2004. Report of the Workshop on Carbon Cycle Science: Reconciling Supply and Demand, Understanding and enhancing the linkages between decision making and carbon cycle research, Center for Science and Technology Policy Research, University of Colorado, Boulder, CO.

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Pielke, Jr., R. A. 2001. Report of the Workshop on Risk-Benefit Assessment of Observing System Decision Alternatives, National Aeronautics and Space Administration, June 2000, Boulder, CO.

Pielke, Jr., R. A. 2001. Report of the Workshop on the Weather Research Needs of the Private Sector, U.S. Weather Research Program, Palm Springs. CA, December 2000.

Sarewitz, D. and R. A. Pielke, Jr. 2000. Report of the Workshop on Extreme Events, Environmental and Societal Impacts Group, National Center for Atmospheric Research and Columbia University Center for Science, Policy and Outcomes, Boulder, CO, July.

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Pielke, Jr., R. A. and D. Sarewitz, 1997. Report of the Case Study Workshop on the Use and Misuse of Predictions in the Earth Sciences, Environmental and Societal Impacts Group, National Center for Atmospheric Research and The Geological Society of America, Boulder, CO, July.

Pielke, Jr., R. A. 1997. Report of the Workshop on the Social and Economic Impacts of Weather, Environmental and Societal Impacts Group, National Center for Atmospheric Research, Boulder, CO, May.

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Pielke Jr., R. A., 1995. Report of the Weather Impacts Assessment Workshop, 8-9 August, Environmental and Societal Impacts Group, National Center for Atmospheric Research, Boulder, CO, 11 September.

WORKSHOPS ORGANIZED

January 2019

Pielke, Jr. R. A. (with M. Garfinkel), 2010. **Gordon Research Conference on Science and Technology Policy**, Waterville Valley Resort, NH.

Pielke, Jr. R. A. (with Eva Lövbrand), 2009. **Workshop on Reconciling the Supply of and Demand for Research: Who benefits? When? How? And Why?** Linköping Universitet, Linköping, Sweden.

Pielke, Jr. R. A. (with M. Jacob). 2009. **Reconciling the supply of and demand for research in the science of science and innovation policy**, 12-14 May, University of Oslo and Norwegian Research Foundation, Oslo, Norway.

Pielke, Jr., R. A. (with J. Fisher). 2008. **Balanced Earth: A Conversation with Governors of Colorado, West Virginia, and Wyoming**, 14 September, University of Colorado.

Pielke, Jr., R. A. (with P. Hoeppe). 2006. **Climate Change and Disaster Losses: Understanding and Attributing Trends and Projections**, 25 and 26 May, Hokenhammer, Germany, sponsored by the National Science Foundation, Munich Re, GKSS Research Center, and the Tyndall Centre for Climate Change.

Pielke, Jr. and D. Sarewitz, 2005. **Science Policy Decisions in the NOAA RISA Programs**, 15-17 August, sponsored by the National Science Foundation, Honolulu, HI.

Pielke, Jr., R. A. (with D. Sarewitz). 2004. **Reconciling Supply of and Demand for Carbon Cycle Science**, 16-17 September 2004, Fort Collins, CO, sponsored by the National Oceanic and Atmospheric Administration.

Pielke, Jr., R. A. 2002. **Science, Technology and Security: Knowledge for a Post-9/11 World**, 10-11 October, Boulder CO, Sponsored by University of Colorado (Boulder, Denver, Colorado Springs, Health Sciences Center), Colorado State University, Denver University and the Alfred P. Sloan Foundation.

Pielke, Jr., R. A. 2001. **NASA Workshop on Risk-Benefit Assessment of Observing System Decision Alternatives**, 18-20 June, Boulder, CO. Sponsored by the National Aeronautics and Space Administration.

Pielke, Jr., R. A. 2000. **Weather Research Needs of the Private Sector**, 29 November – 1 December, Palm Springs, CA. Sponsored by the U.S. Weather Research Program.

Pielke, Jr., R. A., (with D. Sarewitz). 2000. **Extreme Events: Developing a Research Agenda for the 21st Century**, 7-9 June, Boulder, CO. Sponsored by the National Science Foundation.

Pielke, Jr., R. A., (with D. Sarewitz, R. Byerly, and D. Jamieson), 1998. **Workshop on the Use and Misuse of Prediction in the Earth Sciences for Policy Making**, 10-12 September, Estes Park, Boulder, CO. Sponsored by the National Science Foundation.

Pielke, Jr., R. A., (with D. Sarewitz), 1997. **Case Study Workshop on the Use and Misuse of Prediction in the Earth Sciences for Policy Making**, 10-12 July, National Center for Atmospheric Research, Boulder, CO. Sponsored by the National Science Foundation and the Geological Society of America.

Pielke, Jr., R. A., (with J. Kimpel), 1997. **Workshop on the Social and Economic Impacts of Weather** 2-4 April, National Center for Atmospheric Research, Boulder, CO. Sponsored by the U.S. Weather Research Program, Electric Power Research Institute, University Corporation for Atmospheric Research, American Meteorological Society, White House Subcommittee on Natural Disaster Reduction, and National Center for Atmospheric Research.

Pielke, Jr. R. A., (with J. Kimpel), 1996. **U.S. Weather Research Program Prospectus Development Team on Social and Economic Aspects of Weather**, 13-15 May, National Science Foundation, Arlington, VA. Sponsored by the U.S. Weather Research Program.

January 2019

Pielke Jr., R. A., 1995. **Weather Impacts Assessment Workshop**, 8-9 August, Environmental and Societal Impacts Group, National Center for Atmospheric Research, Boulder, CO. Sponsored by the Environmental and Societal Impacts Group at NCAR.

CLASSES TAUGHT

2016-2019 Introduction to Sports Governance (ETHN 3104)

This is the first course offered under the newly developed Sports Governance Center at the University of Colorado's Department of Athletics. The course had 84 students and included more than 20 different majors. The course focused on contemporary policy questions related to the governance of national and international sport. Issues discussed included technological augmentation, gender policies, doping, and the rights of college athletes. The course focused on critical thinking skills and an introduction to policy analysis. Guest speakers have included Lance Armstrong, Travis Tygart, Oliver Luck, Jack Graham, Mara Abbott and Kara Goucher.

2005, 2010-2012, 2019 Quantitative Methods of Policy Analysis, University of Colorado, ENVS 5120

A course focused on surveying and introducing a range of quantitative methods of policy analysis and their application in particular cases. Course included a focus on topics including microeconomics, linear programming, cost-benefit analysis, federal budgeting, statistics and probability, linear regression, uncertainty analysis, surveys, expert elicitation and the graphical display of information.

2018 (fall) Science and Society: An Introduction to Science and Technology Studies

A core course Graduate Certificate Program in Science and Technology Policy. This course focuses on the social science of science and technology, which is typically called "science and technology studies." This course provides an overview of key literature and debates in the STS literature.

2017 Olympic Sports Governance (SPTM 4250, co-taught with S. Harris at UCCS)

The aim of this course is to develop a critical understanding of the governance, structure and policies of International and Olympic Sport as well as examine a range of issues that challenge the governance of sport. The class focused on three areas of study: (i) the historical development of modern sport and the history, role and value of the Olympic movement, (ii) the governance, structure and policies of sport globally and within the United States, and (iii) a range of key issues that challenge the governance of international and Olympic sport.

2014 The Governance of Sport

This course, a part of the undergraduate certificate in Critical Sports Studies, focused on contemporary policy questions related to the governance of national and international sport. Issues discussed included technological augmentation, gender policies, doping, and the rights of college athletes. The course focused on critical thinking skills and an introduction to policy analysis.

2012 Science and Society: An Introduction to Science and Technology Studies

A core course Graduate Certificate Program in Science and Technology Policy. This course focuses on the social science of science and technology, which is typically called "science and technology studies." This course provides an overview of key literature and debates in the STS literature.

January 2019

2004-2007, 2010, 2012, 2015 Science and Technology Policy, University of Colorado, ENVS 5100-002

A core course Graduate Certificate Program in Science and Technology Policy. Course focuses on United States science and technology policies, including the topics such as the federal budget process, technology transfer, the role of the university, and science and technology policy careers.

2002-2011 Policy, Science and the Environment, University of Colorado ENVS 5000

Required introductory course to the University of Colorado Graduate Program in Environmental Studies. The courses focuses on an introduction to policy research, the roles of science in environmental policy making, and cases studies in applying the tools of the policy sciences to particular environmental issues. Course homepage at: <http://sciencepolicy.colorado.edu/pielke/envs5000/index.html>

2009 Making Sense of the Climate Debate, University of Denver, Denver , Colorado.

This course was an enrichment course for career professionals and others. It focused on mitigation, adaptation and the science and politics of the climate debate.

2008, 2009 Science, Policy and Politics of Climate Change, Zeppelin University, Friedrichshafen, Germany

This course focuses on understanding the basic dimensions of the climate issue with a focus on the carbon cycle, mitigation policy, adaptation policy, and the role of science in policy and politics. The course was offered as part of ZU's International Week to a class of approximately 25 upper level undergraduates from various German universities.

2007 Making Decisions in a Complicated World, University of Colorado, ENVS 4800

This course was designed to fulfill the critical thinking requirement for upper-level undergraduates. The course was focused on replicating the "Copenhagen Consensus" exercise in which students are divided into groups with a mandate to allocate \$50 billion among 12 of the world's most pressing problems. Students began by identifying the problems and then concluded the course with a presentation on the methodology that they used to prepare their allocations.

2004 The Use, Misuse, and Abuse of Science in Policy and Politics, University of Colorado, ENVS 4800

A new course focused on developing and applying criteria for understanding the misuse of science in decision making focused on the administrations of George H. W. Bush and William J. Clinton. The course focused on distinguishing policy and politics, and the various roles of science in each.

2003-2004 Introduction to the Policy Sciences: The Decision Process, University of Colorado, ENVS 5730

Designed and taught core graduate level seminar on public policy decision making. Course focuses on normative and functional aspects of decision.

1999 and 2000 Policy Responses to Global Environmental Change: University of Colorado, ARSC 5020

Co-designed and co-taught (with Kathleen Miller and Susan Avery) graduate level course on global environmental change as part of the University's Environmental Certificate Program. The course focused on climate change, ozone depletion, and the hydrologic cycle.

January 2019

1997-2000 Introduction to the Policy Sciences: The Decision Process, University of Colorado, PSCI 5036/7036

Designed and taught core graduate level seminar on public policy decision making. Course focuses on normative and functional aspects of decision.

1998 Policy Responses to Global Environmental Change: Post-Kyoto Perspectives on Climate Change, University of Colorado, ARSC 5020

Co-designed and co-taught (with Peter Webster) graduate level course on global environmental change as part of the University's Environmental Certificate Program. The course focused on lectures by prominent experts on the science and policy of climate change following the Third Conference of Parties held in Kyoto, Japan in December, 1997.

1997 Policy Responses to Global Environmental Change: Science, Values, and Institutional Dynamics in the Environmental Policy Process, University of Colorado, ARSC 5020

Co-designed and co-taught (with Lloyd Burton) graduate level course on global environmental change as part of the University's Environmental Certificate Program. Topics covered included Superfund implementation, ozone depletion, acid rain, global warming, energy policy, natural hazards, and international trade.

1996 Methods of Policy Analysis, Denver University, INTS 4967

Designed and taught a graduate-level survey course on quantitative methods for public policy analysis. Topics covered included basic probability and statistics, cost/benefit analysis, forecasting, budgeting, and policy problem structuring.

1995 Science, Climate, and the Policy Process, University of Colorado, ASRC 1510

Designed and taught seminar focused on environmental science and its use in various processes of decision. Students completed units on the policy implications of hurricanes, El Niño, and global climate change.

1995 Science and the Policy Process, University of Colorado, ASRC 1510

Designed and taught seminar focused on environmental science and its use in various processes of decision. Students completed units on the policy implications of stratospheric ozone depletion and El Niño.

1994 Introduction to Public Policy, University of Colorado, PS 2101.

Designed and taught course focused on policy problem definition and policy process analysis. Students completed the Kidney exercise and units on the federal budget and space policy.

1994 Introduction to American Politics, University of Colorado, PS 1101.

Teaching assistant, three recitation sections.

1993 Introduction to American Politics, University of Colorado, PS 1101.

Head teaching assistant, responsible for two recitation sections, coordination of four TAs, test preparation, and class grading.

January 2019

1993 Introduction to Public Policy, University of Colorado, PS 2101.

Designed and taught course focused on policy problem definition and policy process analysis. The course had three units: federal budget policy, space policy, and environmental policy.

1992-1993 Mentor/Tutor: Academic Counseling, Athletics Department,
University of Colorado

Subjects taught: all undergraduate mathematics and political science, various other subjects, and general academic skills.

GRADUATE STUDENT COMMITTEES

R. Simmonds	Ph.D Advisor, ENVS, University of Colorado 2022
A. Tozier de la Poterie	Ph.D. Advisor, ENVS, University of Colorado, 2017
E. Longenecker	Ph.D. Committee Member, GEOG, University of Colorado 2016
J. Weinkle	Ph.D Advisor, ENVS, University of Colorado, 2013
K. Hoyt	Ph.D. Committee Member, SOCY, University of Colorado, 2012
R. Crompton	Ph.D. co-Director, Earth Sciences, Macquarie University, Sydney, Australia, 2012
A. Tweedie	M.S. Advisor, ENVS, University of Colorado, 2012
M. Reisman	M.S./M.B.A. Advisor, ENVS University of Colorado, 2012
T. Kötzt	Ph.D. Committee Member, University of Barcelona, 2011
R. Meyer	Ph.D Committee Member, HSD of Science and Technology, Arizona State University, 2011
S. Moleji	Ph.D. Advisor, ENVS, University of Colorado, 2011
D. Cherney	Ph.D. Advisor, ENVS, University of Colorado, 2010
C. Lacasse	M.S. Advisor, ENVS, University of Colorado, 2010
J. Adler	Ph.D. Committee member, GEOG, University of Colorado, 2010
K. In-Seung	Ph.D. Qualifying Paper Committee, PSCI, University of Colorado, 2009
K. Stockton	Ph.D. Committee Member, ENVS, University of Colorado, 2009
E. McNie	Ph.D. Advisor, ENVS, University of Colorado, 2008
G. Maricle	Ph.D. Advisor, ENVS, University of Colorado, 2008
N. Logar	Ph.D. Advisor, ENVS, University of Colorado, 2008
J. Hague	M.S. Advisor, ENVS, University of Colorado, 2007
E. Mulligan	Ph.D. Committee member, Psychology, University of Colorado, 2006
J. Vogel	Ph.D. Committee member, ENVS, University of Colorado, 2006
A. Briggie	Ph.D. Committee member, ENVS, University of Colorado, 2006
E. Fisher	Ph.D. Committee member, ENVS, University of Colorado, 2006
J. Gratz	M.S. Advisor, ENVS, University of Colorado, 2006
E. Noble	M.S. Advisor, ENVS, University of Colorado, 2005
B Lowham	Ph.D. Committee Member, Political Science, University of Colorado, 2005
G. Maricle	M.S. Advisor, ENVS, University of Colorado, 2005
J. Lang	M.S. Advisor, ENVS, University of Colorado, 2004
E. Von Herberstein	M.S. Advisor, ENVS, University of Colorado, 2004
S. Tegen	M.S. Advisor, ENVS, University of Colorado, 2003
M. Boland	Ph.D. Committee Member, Geology, Colorado School of Mines, 2004
L. McCain	Ph.D. Committee Member, Political Science, University of Colorado, 2003
B. Gravell	Masters Thesis Committee Member, Public Policy, University of Colorado, 2002
D. Warn	Masters Thesis Committee Chair, Public Policy, University of Colorado, 2001
N. Rosmarino	Ph.D. Committee Member, Political Science, University of Colorado, 2001
C. Brooker	Masters Thesis Committee Member, Public Policy, University of Colorado, 2001

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Z. Miller	Masters Thesis Committee Chair, Public Policy, University of Colorado, 2001
T. Kestin	Ph.D., Dissertation Reader, Climatology, Monash University, Adelaide, Australia, 2000
D. Warn	EPA STAR Fellowship Advisor, Chemistry, University of Colorado, 2000
K. Ohman	Masters Thesis Committee Chair, Public Policy, University of Colorado, 1998
R. Klein	Masters Thesis Committee Member, Public Policy, University of Colorado 1998
C. Gent	Masters Thesis Committee Member, Political Science, University of Colorado 1998
E. Noble	SOARS Student, 2004, University of Colorado
P. Heard	SOARS Student, 2000, University of Indiana
N. Cofield	SOARS Student, 1998, Alabama A&M
Q. Franco	SOARS Student, 1996 and 1997, Harvard University

UNDERGRADUATE THESIS SUPERVISED

G. O'Brien	Environmental Studies, University of Colorado, 2007
J. Gratz	Meteorology, Pennsylvania State University, 2003

CONFERENCE AND WORKSHOP PRESENTATIONS, LECTURES AND TALKS

I have given hundreds and hundreds of presentations and talks around the world, at universities, for businesses and non-profits and to the general public. I stopped tracking these many years ago when the list grew to about fifteen pages as part of this vitae, but if there is interest I can provide a recent list of examples. Some of my recent talks can be found on YouTube and on my websites.

OTHER PROFESSIONAL SERVICE AND ACTIVITIES

Professional Affiliations (recent, may not be current)

International Network of Doping Research
Society for the Social Studies of Science
European Association for the Study of Science and Technology

Refereeing and Reviewing

Referee: *Aquatic Sciences*
Bulletin of the American Meteorological Society
Climatic Change
Climate Research
Environmental Hazards
Environmental Health Perspectives
Global Environmental Change
GSA Today
Journal of Applied Meteorology
Journal of the American Water Resources Association
Journal of Climate
Journal of Geophysical Research - Atmospheres
Journal of the Pennsylvania Academy of Science
Meteorological Applications
Minerva
National Weather Digest
Natural Hazards
Natural Hazards and Earth System Sciences
Natural Hazards Review

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Nature
Physics Today
Policy Sciences
Political Geography
Political Research Quarterly
Proceedings of the Royal Society
Risk Analysis
Science
Science and Public Policy
Sport Management Review
Sports Medicine
Tellus
Water International
Weather and Forecasting

Referee: American Geophysical Union
Cambridge University Press
Capstone Press
Columbia University Press
Earthwatch Press
Intergovernmental Panel on Climate Change
John Wiley & Sons Press
Kluwer Academic Publishers
Lehigh University Press
Massachusetts Institute of Technology Press
National Geographic Books
Routledge Press
Springer-Verlag Press
University of California Press
University of Toronto Press
Worldwatch
Yale University Press

Reviewer: Intergovernmental Panel on Climate Change, SREX, Special Report on Extreme Events
Intergovernmental Panel on Climate Change, AR4 Working Group II, Chapters 18 and 19
Intergovernmental Panel on Climate Change, TAR Working Group II, Financial
Services
Millennium Ecosystem Assessment
National Academy of Sciences, Board on Atmospheric Sciences and Climate
National Academy of Sciences, Climate Research Committee
National Academy of Sciences, Committee on Ecosystems, Infectious Disease, and Health
National Academy of Sciences, Committee on Weather Research for Surface Transportation: The
Roadway Environment
National Academy of Sciences, Ocean Studies Board
National Academy of Science, Water Sciences and Technology Board
National Science Foundation, Biocomplexity Panel Review
National Science Foundation, Education and Human Resources
National Science Foundation, Geography and Regional Science
National Science Foundation, Program on Science, Technology and Society
National Science Foundation, Division of Atmospheric Sciences
National Science Foundation, Program on Decision, Risk, and Management Sciences
National Science Foundation, Office of Integrative Activities

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National Science Foundation, Office of Polar Programs, Arctic Social Sciences Program
National Science Foundation, Societal Dimensions of Engineering, Science, and
Technology Program
National Science Foundation, Statistics and Probability Program
National Oceanic and Atmospheric Administration, Office of Global Programs, Climate Change
Data and Detection
National Oceanic and Atmospheric Administration, Office of Global Programs, Human
Dimensions Program
National Oceanic and Atmospheric Administration, Office of Global Programs, GAPP/GEWEX
Rand Corporation, Program on Science and Technology Policy
Social Science and Humanities Research Council of Canada

OTHER POSITIONS HELD

2001-2004 Associate Professor, University of Colorado, Environmental Studies Program
1993-2001 Environmental and Societal Impacts Group, National Center for Atmospheric Research, Boulder,
CO Scientist III (2000), Scientist II (1998), Scientist I (1996), Visiting Scientist (1994)
1995 Instructor, Graduate School of International Studies, Denver University, Denver, CO.
1993-2000 Instructor, Department of Political Science, University of Colorado
1991 Intern, Committee on Science, Space, and Technology, U.S. House of Representatives,
Washington, DC.
1990-1993 Graduate Research Assistant, Center for Public Policy Research and Center for Space and
Geosciences Policy, University of Colorado, Boulder, CO.
1990 Undergraduate Research Assistant, Center for Space and Geosciences Policy, University of
Colorado, Boulder, CO.
1988-1990 Undergraduate Research Assistant, Atmospheric Chemistry Division, National Center for
Atmospheric Research, Boulder, CO.
1986-1988 Undergraduate Research Assistant, Department of Atmospheric Science, Colorado State
University, Fort Collins, CO.

REFERENCES AVAILABLE UPON REQUEST