

Roger Pielke Jr.

University of Colorado -- Boulder, Colorado 80309

pielke@colorado.edu<http://rogerpielkejr.com>[@RogerPielkeJr](#)**CURRENT POSITION at the UNIVERSITY OF COLORADO, Boulder**

Professor, 2004- Environmental Studies Program

Deputy Director, 2020- Consortium for Capacity Building

OTHER PROFESSIONAL APPOINTMENTS**Current**

2019- Science & Economics Advisor, Environmental Progress (Berkeley, CA)
 2017- Research Associate, Risk Frontiers (Sydney, Australia)
 2016- Distinguished Fellow, Institute of Energy Economics (Tokyo, Japan)
 2009- Distinguished Visiting Scholar, Arizona State University, Consortium for Science, Policy, and Outcomes (Washington, DC)

Past

2017-2020 Faculty Affiliate, Center for Science and Technology Policy Research
 2017-2019 President, Board of Directors, FC Boulder
 2015-2019 Member, Board of Directors, FC Boulder
 2016-2019 Director, Sports Governance Center, CU Athletics
 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, Saïd Business School, Oxford Institute for Science, Innovation and Society
 2007 Visiting Fellow, Oxford University, Saïd 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<https://scholar.google.com/citations?user=WtqpmDIAAAJ>

<i>Citation indices</i>	<u>All</u>	<u>Since 2015</u>
Citations	22,084	8,523
h-index	61	44

EDUCATION

- 1994 Ph. D., Political Science, University of Colorado Boulder
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 Boulder
Thesis: **The Space Shuttle Program: A Policy Appraisal**
- 1990 B.A., Mathematics, University of Colorado Boulder

AWARDS and RECOGNITION

- 2019 Service Commendation, CU System Privilege & Tenure Committee
- 2018 Shortlisted Finalist, John Maddox Prize, Sense About Science (London)
- 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 honoris 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, *Natural Hazards Review*
- 2006-2013 Member, Editorial Board, *Global Environmental Change: Human and Policy Dimensions*
- 2008-2011 Member, Editorial Board, *Wiley Interdisciplinary Reviews: Climate Change*
- 2001-2007 Member, Editorial Board, *Bulletin of the American Meteorological Society*
- 2003-2005 Member, Editorial Board, **International Encyclopedia of Science, Technology and Ethics**

NATIONAL and INTERNATIONAL BOARD and COMMITTEE SERVICE

2017- Member, President's Leadership Council, Denver Museum of Nature and Science

2017- Member, Advisory Board, Institute for Science & Policy, Denver Museum of Nature and Science

2018-2019 Member, Play the Game 2019 program committee

2017-2019 Member, Enlightenment 2.0 steering committee, European Commission

2016-2017 Member, Play the Game 2017 program committee

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 (*italics* = presently active)

2020-	<i>ENVS Post-tenure Review Committee</i>
2020-	<i>Conference on World Affairs, Anti-Racism in America Committee</i>
2020-	<i>Member, ENVS Club Committee</i>
2020-	<i>Elected Member, BFA Intercollegiate Athletics Committee</i>
2020-	<i>Member, ENVS Honors Council</i>
2019	Member, CU System P&T Committee, Level 2 hearing panel
2019-2020	Member, Budget committee, Arts & Sciences Council
2019-2020	ENVS representative, Arts & Sciences Council
2019	Member, ENVS PUEC Committee (Steve Vanderheiden)
2019	Member, ENVS PUEC Committee (Jill Litt)
2019-2020	Chair, ENVS teaching evaluation committee
2016-2019	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-	<i>Member, Privilege & Tenure Committee, CU-System</i>
2014-	<i>Participant, CU-Boulder Fulbright Scholarship interview committee</i>
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, ENVS Graduate Program Policy Secondary Core
2002-2004	Director, ENVS 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
 2016-2017: Sports Governance Center, \$50,000 (various donations, R. George, PI)
 2020-2021: NSF, \$154k, EScape: Evaluation of Science Advice in a Pandemic Emergency, RAPID

PUBLICATIONS

Books

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

Sarewitz, D. (ed.) 2018. (Pielke, Jr., R. contributor). **New Tools for Science Policy, Volume I**, (CSPO: ASU).

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 (italics = currently active)

Editor, *ESCAPE Blog*, 2020-

Columnist, Sports, 2020 Forbes Sports

Columnist, Energy & Climate, 2019-2020, Forbes

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

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

Columnist, 2016 *The Daily Camera* (Boulder)

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

Columnist, 2014-2018 *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

Pielke, Jr., R. and S. Harris. 2021. (in press). Sport Research and the Policy Movement, *European Journal for Sport and Society*.

Pielke, Jr., R. 2021 (in press). Economic “Normalization” of Disaster Losses 1998-2020: A Literature Review and Assessment, *Environmental Hazards*.

Pielke, Jr., R. 2020. [A “Sedative” for Science Policy](#), *Issues in Science and Technology Policy*, Fall.

Pielke Jr., R., Catastrophes of the 21st Century (July 25, 2020). Available at SSRN: https://ssrn.com/abstract=papers.cfm?abstract_id=3660542

Burgess, M. G., Langendorf, R. E., Ippolito, T., & Pielke, R., Jr. (2020, July 9). Optimistically biased economic growth forecasts and negatively skewed annual variation. <https://doi.org/10.31235/osf.io/vndqr>

Saltelli, A., et al. (2020). Five ways to ensure that models serve society: a manifesto. *Nature*.

Pielke Jr, R., D. Collins, R. Crompton, P. Klotzbach, R. Musulin & J. Weinkle, 2020. Reply to: Improving normalized hurricane damages, *Nature Sustainability*, 8 June. (A reply to Martinez 2020)

Pielke, R. and Ritchie, J., Systemic Misuse of Scenarios in Climate Research and Assessment (April 21, 2020). Available at SSRN: <https://ssrn.com/abstract=3581777> or <http://dx.doi.org/10.2139/ssrn.3581777>

Burgess, M. G., J. Ritchie, J. Shapland, and R. Pielke, Jr. 2020. “IPCC Baseline Scenarios Over-project CO2 Emissions and Economic Growth.” *SocArXiv*. February 18. <https://osf.io/preprints/socarxiv/ahsxx/>

McAneney, J., B. Sandercock, R. Crompton, T. Mortlock, R. Musulin, R. Pielke, Jr., and A. Gissing. 2019. Normalised Insurance Losses from Australian Natural Disasters: 1966-2017, *Environmental Hazards*. <https://doi.org/10.1080/17477891.2019.1609406>

Pielke, Jr., R. 2019. [Caster Semenya ruling: sports federation is flouting ethics rules](#), *Nature*, doi: 10.1038/d41586-019-01606-8

Pielke, Jr., R. and M. Pape, 2019. [Science, Sport, Sex, and the Case of Caster Semenya](#), *Issues in Science and Technology*, Fall.

Pielke Jr., R. 2019. After Peak Football: Trends in and Scenarios for the Future of America’s Most Popular Sport. SportRxiv, <https://doi.org/10.31236/osf.io/t5qsd>

Pielke Jr., R., S. Harris, J. Adler, S. Sutherland, R. Houser and J. McCabe, 2019. An Evaluation of the Governance of US National Governing Bodies for Olympic Sport. *European Sport Management Quarterly*. <https://doi.org/10.1080/16184742.2019.1632913>

Pielke, Jr., R. and E. Boye, 2019. Scientific Integrity and Anti-Doping Regulation, *International Journal of Sport Policy and Politics*. <https://www.tandfonline.com/doi/full/10.1080/19406940.2019.1596968>

Pielke Jr., R. and B-O. Linnér, 2019. From Green Revolution to Green Evolution: A Critique of the Political Myth of Averted Famine, *Minerva*. <https://link.springer.com/article/10.1007/s11024-019-09372-7>

Pielke, Jr. R., R. Tucker and E. Boye, 2019. Scientific Integrity and the IAAF Testosterone Regulations, *International Sports Law Journal*. <https://link.springer.com/article/10.1007/s40318-019-00143-w>

- Pielke, Jr., R. 2019. Response to Briggle, *Issues in Science and Technology*, Winter. <https://issues.org/forum-41/>
- Pielke, Jr., R. 2019. Tracking Progress on the Economic Costs of Disasters Under the Indicators of the Sustainable Development Goals, *Environmental Hazards* 18:1-6. <https://doi.org/10.1080/17477891.2018.1540343>
- Pielke, Jr., R. 2019. Seven Things Everyone Should Know About Climate Policy, pp. 40-46 in IEEJ Energy Journal: Special Issue.
- Pielke, Jr. R. 2018. Opening Up the Climate Policy Envelope. *Issues in Science and Technology*, 34, no. 4 (Summer). <https://issues.org/opening-up-the-climate-policy-envelope/>
- Weinkle, J., R. Pielke, Jr., C. Landsea, D. Collins, R. Musulin, R. P. Crompton and P. J. Klotzbach, 2018. Normalized Hurricane Damage in the Continental United States: 1900-2017, *Nature Sustainability*. <https://www.nature.com/articles/s41893-018-0165-2>
- Pielke, R. 2018. Assessing Doping Prevalence is Possible. So What Are We Waiting For?. *Sports Medicine*, **48**:207-209.
- Sarewitz, D. and R. Pielke, Jr. 2018. The Neglected Heart of Science Policy: Reconciling Supply of and Demand for Science, pp. 3-42 in D. Sarewitz (ed), **The Rightful Place of Science: New Tools for Science Policy**, (ASU: CSPO).
- Pielke, Jr. R., D. Sarewitz and H. R. Byerly, Jr. 2018. Decision Making and the Future of Nature: Understanding and Using Predictions, pp. 71-108 in D. Sarewitz (eds), **The Rightful Place of Science: New Tools for Science Policy**, (ASU: CSPO).
- Weinkle, J. and R. Pielke, Jr. (2018). Weather and Climate Damage Studies, *Oxford Bibliographies: Geography*, DOI: 10.1093/OBO/9780199874002-0194.
- 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.
- Pielke, Jr., R. A., Wigley, T., and Green, C., 2008. Dangerous assumptions. *Nature*, **452**: 531-532.
- Pielke, Jr., R. A., 2008. Climate predictions and observations. *Nature Geoscience*, **1**:206.
- Pielke, Jr., R.A., Gratz, J., Landsea, C.W., Collins, D., Saunders, M., and Musulin, R., 2008. Normalized Hurricane Damages in the United States: 1900-2005. *Natural Hazards Review*. **9**(2):29-42.
- Pielke, Jr., R. A., 2007. Who has the ear of the president?, *Nature*, **450**: 347-48.
- Pielke, Jr. R. A. 2007. Vulnerability to natural disasters, Chapter 10 in B. Lomborg, (ed.) **Solutions for the World's Biggest Problems** (Cambridge University Press), pp. 178-196.
- Pielke, Jr. R. A. 2007. The case for a sustainable climate policy: Why costs and benefits must be temporally balanced, *University of Pennsylvania Law Review*, **155**:1843-1857.
- Pielke, Jr. R. A. 2007. Mistreatment of the Economic Impacts of Extreme Events in the Stern Review Report on the Economics of Climate Change, *Global Environmental Change*. **17**:302-310.
- Pielke, Jr. R. A. 2007. Future Economic Damage from Tropical Cyclones: Sensitivity to Social and Climatic Changes, *Philosophical Transactions of the Royal Society*, **365** (1860):1-13.
- Pielke, Jr., R.A., Prins, G., Rayner, S. and Sarewitz, D., 2007. Lifting the taboo on adaptation. *Nature*, **445**:597-598.
- Bouwer, L. M., R.P. Crompton, E. Faust, P. Höpfe, and R. A. Pielke, Jr., 2007. Confronting Disaster Losses, *Science*, **318**:753.
- Sarewitz, D. and R. A. Pielke, Jr., 2007. The Steps Not Yet Taken. **Controversies in Science and Technology, Volume 2**, edited by Daniel Lee Kleinman, Karen Cloud-Hansen, Christina Matta, and Jo Handelsman, pp. 329-351.
- Sarewitz, D. and R. A. Pielke, Jr. 2007. The Neglected Heart of Science Policy: Reconciling the Supply of and Demand for Science, *Environmental Science and Policy*, **10**:5-16.
- Pielke, Jr., R. A., 2006. Disasters, Death, and Destruction: Making Sense of Recent Calamities, *Oceanography*, **19**:138-147.
- Pielke, Jr., R. A., C.W. Landsea, M. Mayfield, J. Laver, R. Pasch, 2006. Reply to Hurricanes and Global Warming Potential Linkages and Consequences, *Bulletin of the American Meteorological Society*, **87**:628-631.

- Pielke, Jr., R. A. 2005. Misdefining Climate Change: Consequences for Research and Action, *Environmental Science and Policy*, **8**:48-61.
- Pielke, Jr., R. A., 2005. Science Policy, in C. Mitcham (ed.), **International Encyclopedia of Science, Technology and Ethics** pp. 1699-1705.
- Pielke, Jr., R. A., 2005. Sensitivity Analysis, in C. Mitcham (ed.), **International Encyclopedia of Science, Technology and Ethics**, 1751-1752.
- Pielke, Jr., R. A. 2005. What Future for the Policy Sciences?, *Policy Sciences* **37**:209-225.
- Pielke, Jr., R. A. 2005. Rejoinder to Commentaries on What Future for the Policy Sciences, *Policy Sciences*, **37**:255-258.
- Pielke, Jr., R. A., C. Landsea, M. Mayfield, J. Laver and R. Pasch, Hurricanes and global warming, *Bulletin of the American Meteorological Society*, **86**:1571-1575.
- Pielke, Jr., R.A., S. Agrawala, L. Bouwer, I. Burton, S. Changnon, M. Glantz, W. Hooke, R. Klein, K. Kunkel, D. Mileti, D. Sarewitz, E. Thompkins, N. Stehr, and H. von Storch, 2005. Clarifying the Attribution of Recent Disaster Losses: A Response to Epstein and McCarthy, *Bulletin of American Meteorological Society*, **86**:1481-1483.
- Downton, M. and Pielke, Jr., R. A. 2005. How Accurate are Disaster Loss Data? The Case of U.S. Flood Damage, *Natural Hazards* **35**:211-228.
- Downton, M., J. Z. B. Miller and R. A. Pielke, Jr. 2005. Reanalysis of the U.S. National Flood Loss Database, *Natural Hazards Review*, **6**:13-22
- Pielke, Jr., R. A. and R. Klein, 2005. Distinguishing Tropical Cyclone-Related Flooding in U.S. Presidential Disaster Declarations: 1964-1997, *Natural Hazards Review*, May:55-59.
- Pielke, Jr., R. A. and D. Sarewitz, 2005. Bringing Society back into the Climate Debate, *Population and Environment*, **26**:255-268.
- Pielke, Jr., R. A. 2004. Abortion, Tornadoes and Forests: Thinking about Science, Politics and Policy, Chapter 9 in J. Bowersox and K. Arabas (eds.) **Forest Futures: Science, Policy and Politics for the Next Century** (Rowman and Littlefield), pp. 143-152.
- Pielke, Jr., R. A. 2004. When Scientists Politicize Science: Making Sense of Controversy over *The Skeptical Environmentalist*, *Environmental Science and Policy*, **7**:405-417.
- Pielke, Jr., R. A. 2004. What is Climate Change? *Issues in Science and Technology* **20**(4):31-34.
- Stewart, T. S., R. A. Pielke, Jr., and R. Nath. 2004. Understanding user decision making and value of improved precipitation forecasts: Lessons from a case study, *Bulletin of the American Meteorological Society* **85**:223-225.
- Anderson-Berry, L., T. Keenan, J. Bally, R. A. Pielke, Jr., R. Leigh, and D. King, 2004. The Societal, Social, and Economic Impacts of WWRP S2000 FDP, *Weather and Forecasting* **19**:168-178.
- Pielke, Jr., R. A., 2003: Il significato della scienza, chapter (in Italian) in P. Dongi (ed.) **Il governo della scienza**, Laterza, Rome, Italy, pp. 85-105.

Pielke, R.A. Jr. 2003. The role of models in prediction for decision. pp. 111-135 in Canham, C.D., J.J. Cole, and W.K. Lauenroth, editors. **Models in Ecosystem Science**. Princeton (NJ): Princeton University Press.

Pielke, Jr., R. A. and T. Stohlgren, 2003. Section E3 “Contrast between predictive and vulnerability approaches,” pp. 678-685 in R. A. Pielke, Sr. and L. Bravo de Guenni, Eds., 2003. Part E:How to evaluate the vulnerability in changing environmental conditions. in P. Kabat, Chief Editor, **Vegetation, Water, Humans and the Climate: A New Perspective on an Interactive System**. A Synthesis of the ICBP Core Project, Biospheric Aspects of the Hydrologic Cycle.

Pielke, R. A. Sr., G. Petschel-Held, P. Kabat, B. Bass, M. F. Hutchinson, V. Gupta, R. A. Pielke, Jr., M. Claussen, and D. Shoji Ojima, Section E2 “Predictability and Uncertainty,” pp. 671-677 in R. A. Pielke, Sr. and L. Bravo de Guenni, Eds., 2003. Part E:How to evaluate the vulnerability in changing environmental conditions. in P. Kabat, Chief Editor, **Vegetation, Water, Humans and the Climate: A New Perspective on an Interactive System**. A Synthesis of the ICBP Core Project, Biospheric Aspects of the Hydrologic Cycle.

Pielke, Jr., R. A. 2003. Public-Private Provision of Weather and Climate Services: Defining the Policy Problem, Appendix B, pp. 87-102 in *Fair Weather: Effective Partnerships in Weather and Climate Services*, National Academies Press, Washington, DC.

Pielke, Jr. R. A. 2003. Supply of and Demand for Atmospheric Sciences Professionals, *Bulletin of the American Meteorological Society* **84**:170-173.

Pielke, Jr., R. A. 2003. Supply and Demand for Atmospheric Sciences Professionals: A Rejoinder to Vali and Anthes (2003), *Bulletin of the American Meteorological Society* **84**:1164-1165.

Pielke Jr., R. A., J. Abraham, E. Abrams, J. Brock, R. Carbone, D. Chang, S. Cranford, K. Droegemeier, K. Emanuel, E.W. Friday, Jr., R. Gall, J. Gaynor, R.R. Getz, T. Glickman, B. Hoggatt, W.H. Hooke, E.R. Johnson, E. Kalnay, J. Kimpel, P. Kocin, B. Marler, R. Morss, R. Nathan, S. Nelson, R. Pielke Sr., M. Pirone, E. Prater, W. Qualley, K. Simmons, M. Smith, J. Thomson, and G. Wilson, 2003. Report of the U.S. Weather Research Program Workshop on The Weather Research Needs of the Private Sector, *Bulletin of the American Meteorological Society* July:ES53-ES67.

Pielke, R. A., Jr. and R. T. Conant, 2003. Best practices in prediction for decision making: lessons from the atmospheric and earth sciences, *Ecology* **84**:1351-1358.

Pielke, Jr., R. A., J. Rubiera, C. Landsea, M. Molina, and R. Klein, 2003. Hurricane Vulnerability in Latin America and the Caribbean, *Natural Hazards Review* **4**:101-114.

Pielke, Jr., R. A. and D. Sarewitz, 2003. Wanted: Scientific Leadership on Climate, *Issues in Science and Technology*, Winter, pp. 27-30.

Alley, R. B., J. Marotzke, W. D. Nordhaus, J. T. Overpeck, D. M. Peteet, R. A. Pielke Jr., R. T. Pierrehumbert, P. B. Rhines, T. F. Stocker, L. D. Talley, and J. M. Wallace, 2003. Abrupt Climate Change, *Science*, **299**:2005-2010.

Frodeman, R., C. Mitcham, and R. A. Pielke, Jr. 2003. Humanities Policy – and a Policy for the Humanities, *Issues in Science and Technology* Spring:29-34

Sarewitz, D. R. A. Pielke, Jr. and M. Keykyah., 2003. Vulnerability and Risk: Some Thoughts from a Political and Policy Perspective, *Risk Analysis* **23**:805-810.

Pielke, Jr., R. A. 2002. Prospects for reducing vulnerability to hurricanes, Chapter 7 in R. Anthes, R. Simpson, and M. Garstang (eds.). **Coping with hurricanes: A review of 20th century progress**, (AGU: Washington, DC).

- Pielke, Jr., R. A. 2002. Policy, politics and perspective. *Nature*, **416**:368.
- Pielke, Jr., R. A., and R. Carbone, 2002. Weather Forecasts, Impacts and Policy: An Integrated Perspective, *Bulletin of the American Meteorological Society* **83**:393-403.
- Klein, R.A. and R.A. Pielke, Jr., 2002: Bad Weather? Then Sue the Weatherman! A review of legal liability for predictions and forecasts: Part I, Public Sector. *Bulletin of the American Meteorological Society* **83**:1791-1799.
- Klein, R.A. and R.A. Pielke, Jr., 2002: Bad Weather? Then Sue the Weatherman! A review of legal liability for predictions and forecasts: Part II, Private Sector. *Bulletin of the American Meteorological Society* **83**:1800-1807.
- Pielke, Jr., R. A., 2001. Room for doubt, *Nature* **410**:151.
- Clark, J. S. Clark, S. R. Carpenter, M. Barber, S. Collins, A. Dobson, J. A. Foley, D. M. Lodge, M. Pascual, R. Pielke Jr., W. Pizer, C. Pringle, W. V. Reid, K. A. Rose, O. Sala, W. H. Schlesinger, D. H. Wall, and D. Wear, 2001. Ecological Forecasts: An Emerging Imperative, *Science* **293**: 657-660.
- Downton, M. and R. Pielke, Jr. 2001. Discretion Without Accountability: Climate, Flood Damage and Presidential Politics, *Natural Hazards Review* **2**:157-166.
- Sarewitz, D. and R. A. Pielke, Jr., 2001. Extreme events: a research and policy framework for disasters in context, *International Geology Review*, **43**:406-418.
- Pielke, Jr., R. A. 2000. Flood impacts on society: Damaging floods as a framework for assessment, Chapter 21 in D. Parker (ed.), **Floods** (London: Routledge Press).
- Pielke, Jr., R. A. and M. W. Downton, 2000. Precipitation and damaging floods: Trends in the United States, 1932-1997, *Journal of Climate* **13**:3625-3267.
- Pielke, Jr., R. A. 2000. Policy history of the U.S. Global Change Research Program: Part I, Administrative development, *Global Environmental Change* **10**: 9-25.
- Pielke, Jr., R. A. 2000. Policy history of the U.S. Global Change Research Program: Part II, Legislative process, *Global Environmental Change* **10**:133-144.
- Pielke, Jr., R. A. 2000. Policy responses to the 1997/1998 El Niño: Implications for forecast value and the future of climate services, Chapter 7 in S. Changnon (ed.) **The 1997/1998 El Niño in the United States** (New York: Oxford University Press).
- Pielke, Jr., R. A., R. Klein, and D. Sarewitz, 2000. Turning the big knob: An evaluation of the use of energy policy to modulate future climate impacts, *Energy and Environment* **11**: 255-276.
- Pielke, Jr., R. A., D. Sarewitz, and R. Byerly, 2000. Decision making and the future of nature: Understanding, using, and producing predictions, Chapter 18 in D. Sarewitz, D., R. A. Pielke, Jr., and R. Byerly (eds.), **Prediction: Decision Making and the Future of Nature** (Washington, DC: Island Press).
- Hooke, W. H. and R. A. Pielke, Jr., 2000. Short-term weather prediction: an orchestra in search of a conductor, Chapter 5 in D. Sarewitz, R. A. Pielke, Jr., and R. Byerly (eds.), **Prediction: Decision Making and the Future of Nature** (Washington, DC: Island Press).

Sarewitz, D., R. A. Pielke, Jr., R. Byerly, 2000. Introduction: Death, taxes, and environmental policy, Chapter 1 in D. Sarewitz, R. A. Pielke, Jr., and R. Byerly (eds.), **Prediction: Decision Making and the Future of Nature** (Washington, DC: Island Press).

Pielke, Jr., R. A. and R. A. Pielke, Sr. 2000. Introduction to storms, Chapter 1 in Pielke, Jr., R. A. and R. A. Pielke, Sr. (co-editors) **Storms**, a volume in the nine-volume series of **Natural Hazards & Disasters Major Works** published by Routledge Press as a contribution to the International Decade for Natural Disaster Reduction.

Changnon, S., R. A. Pielke, Jr., D. Changnon, D., R. T. Sylves, and R. Pulwarty, 2000. Human factors explain the increased losses from weather and climate extremes, *Bulletin of the American Meteorological Society* **81**: 437-442.

Changnon, S., R. A. Pielke, Jr., D. Changnon, and L. Wilkins, 2000. Summary: Surprises, lessons learned, and legacy of El Niño 1997/1998, Chapter 8 in S. Changnon (ed.) **The 1997/1998 El Niño in the United States** (New York: Oxford University Press).

Meehl, G. A., T. Karl, D. R. Easterling, S. Changnon, R. Pielke, Jr., D. Changnon, J. Evans, P. Y. Groisman, T. R. Knutson, K. E. Kunkel, L. O. Mearns, C. Parmesan, R. Pulwarty, T. Root, R. T. Sylves, P. Whetton, and F. Zwiers, 2000. An introduction to trends in extreme weather and climate events: Observations, socioeconomic impacts, terrestrial ecological impacts, and model projections, *Bulletin of the American Meteorological Society* **81**: 413-416.

Pielke, Jr., R. A. 1999. Who Decides? Forecasts and responsibilities in the 1997 Red River floods, *Applied Behavioral Science Review* **7**: 83-101.

Pielke, Jr., R. A. 1999. Nine Fallacies of floods, *Climatic Change* **42**:413-438.

Pielke, Jr., R. A. and M. Downton, 1999. U.S. Trends in Streamflow and Precipitation: Using Societal Impact Data to Address an Apparent Paradox, *Bulletin of the American Meteorological Society* **80**: 1435-1436.

Pielke, Jr., R. A. and C. W. Landsea, 1999. La Niña, El Niño, and Atlantic hurricane damages in the United States, *Bulletin of the American Meteorological Society* **80**: 2027-2033.

Pielke, Jr., R. A., C. W. Landsea, R. Musulin, and M. Downton, 1999. A methodology for the evaluation of catastrophe models, *Journal of Insurance Regulation* **18**: 177-194.

Pielke, Jr., R. A., D. Sarewitz, R. Byerly, and D. Jamieson, 1999. Prediction in the earth sciences: Use and misuse in policy making, *EOS: Transactions of the American Geophysical Society* **80**: 9 ff.

Kunkel, K., R. A. Pielke, Jr., S. Changnon, 1999. Trends in societal impacts related to weather and climate extremes in the United States," *Bulletin of the American Meteorological Society* **80**: 1077-1098.

Landsea, C. L., R. A. Pielke, Jr., A. Mestas-Núñez, and J. Knaff, 1999. Atlantic Basin hurricanes: Indices of climate changes, *Climate Change* **42**: 9-129, reprinted at pp. 89-130 in T. Karl, N. Nicholls, and A. Ghazi (eds.), **Weather and Climate Extremes: Changes, Variations, and a Perspective from the Insurance Industry** (1999, Kluwer Academic Publishers, Dordrecht, The Netherlands).

Sarewitz, D. and R. A. Pielke, Jr. 1999. Prediction in science and policy, *Technology in Society* **21**: 121-133.

Pielke, Jr., R. A. 1998. Rethinking the role of adaptation in climate policy, *Global Environmental Change* **8**(2): 159-170.

Pielke, Jr., R. A. and R. Byerly, Jr. 1998. Beyond basic and applied, *Physics Today* **51**(2): 42-46.

- Pielke, Jr., R. A. and C. W. Landsea 1998. Normalized hurricane damages in the United States: 1925-1995, *Weather and Forecasting*, **13**:351-361.
- Betsill, M. M. and R. A. Pielke, Jr. 1998. Blurring the boundaries: Domestic and international ozone politics and lessons for climate change,” *International Environmental Affairs*, **10**:147-172.
- Pielke, Jr., R. A. 1997. Asking the right questions: Meteorological research and societal needs, *Bulletin of the American Meteorological Society*, **78**: 255-264.
- Pielke Jr., R. A. 1997. Reframing the U.S. hurricane problem, *Society and Natural Resources* **10**: 485-499.
- Pielke, Jr., R. A. and M. M. Betsill, 1997. Policy for science for policy: Ozone depletion and acid rain revisited, *Research Policy* **26**: 157-168.
- Pielke Jr., R. A. and R. A. Pielke Sr., 1997. Societal vulnerability to hurricanes: Considerations on the use of long-range forecasts, pp. 147-184 in H. Diaz and R. Pulwarty (ed.), **Hurricanes: Climatic Change and Socioeconomic Impacts: A Current Perspective** (Berlin: Springer-Verlag).
- Pielke Jr., R. A. 1995. Usable information for policy: An appraisal of the U.S. Global Change Research Program, *Policy Sciences*, **38**: 39-77.
- Pielke Jr., R. A. and M. H. Glantz, 1995. Serving science and society: Lessons from Large-Scale Atmospheric Science Programs, *Bulletin of the American Meteorological Society* **76**:2445-2458.
- Byerly, R., Jr. and R. A. Pielke Jr., 1995. The changing ecology of United States science, *Science*, **269**: 1531-1532, reprinted as Chapter 18 in A. H. Teich, S. D. Nelson, and C. McEnaney (eds.) *AAAS Science and Technology Yearbook 1996/97* Washington, DC: AAAS).
- Pielke Jr., R. A. 1994. Scientific information and global change policymaking, *Climatic Change*, **28**:315-319.
- Pielke Jr., R. A. 1994. Data on and methodology for calculating Space Shuttle programme costs, *Space Policy*, February, 78-80.
- Pielke Jr., R. A. 1993. A reappraisal of the Space Shuttle program, *Space Policy*, May, 133-157.
- Pielke Jr., R. A. 1992. Reappraising the Space Shuttle program, *Proceedings of SPACE '92*, American Society of Civil Engineers, Washington, DC.
- Pielke Jr., R. A., and R. Byerly Jr., 1992. The Space Shuttle program: Performance versus promise, in *Space Policy Alternatives*, edited by R. Byerly, Westview Press, Boulder, 223-245.
- Brunner, R., R. Byerly Jr., and R. A. Pielke Jr., 1992. The future of the Space Station program, in *Space Policy Alternatives*, edited by R. Byerly, Westview Press, Boulder, 199-222.
- Segal, M., R. A. Pielke Jr., and Y. Ookouchi, 1988. On optimizing solar collectors orientation under daily nonrandom cloudiness conditions, *Journal of Solar Energy Engineering*, **110**: 346-348.
- Professional Correspondence
- Pielke, Jr., R. A. 2014. Fifa must not be allowed to remain impervious to change. *The Financial Times* July 12.
- Pielke, Jr., R. A. 2013. Claims at odds with IPCC report. *The Financial Times*, October 21.

- Pielke, Jr., R. A. 2013. Going to the moon was easy by comparison. *The Financial Times*, August 4.
- Pielke, Jr., R. A. 2012. Erroneous claim of a stair-step decline, *Financial Times*, 5 October.
- Pielke, Jr., R. A. 2011. Challenging convention. *Nature Climate Change* **1** (70) , doi: 10.1038/nclimate1090
- Hulme, M., M. Mahony, S. Beck, C. Görg, B. Hansjürgens, J. Hauck, C. Nesshöver, A. Paulsch, M. Vandewalle, H. Wittmer, S. Bösch, P. Bridgewater, M. Chimère Diaw, P. Fabre, A. Figueroa, K.L. Heong, H. Korn, R. Leemans, E. Lövbrand, M. Norowi Hamid, C. Monfreda, R. Pielke Jr., J. Settele, M. Winter, A.B.M. Vadrot, S. van den Hove, and J.P. van der Sluijs, 2011. Science-Policy Interface: Beyond Assessments. *Science* **333** no. 6043 , doi: 10.1126/science.333.6043.697
- Pielke, Jr., R.A., 2009. Decarbonization figures for India and China unconvincing, *Nature*, **462**.
- Pielke, Jr., R. A., 2009. The Nonscientist Science Adviser, *Science*, **323**: 1010.
- Pielke, Jr., R.A., 2008. Europe's climate policy may be more about appearances. *The Financial Times*, December 24.
- Pielke, Jr., R. A., 2008. Political realities will undermine energy pricing, *Financial Times*, July 21.
- Pielke, R. A., 2005. Attribution of Disaster Losses, *Science*, **310**:1615. (Science published a correction on 27 Jan 2006 due to omitting page proof changes)
- Pielke, Jr., R.A., 2005. Hurricanes and climate change, *The Chronicle of Higher Education*, 28 October 2005, **52**:A71.
- Pielke, Jr., R. A. 2005. Consensus about climate change? *Science*, **308**: 952-953.
- Pielke, Jr., R. A., R. Klein, G. Maricle, and T.Chase, 2003. Water vapor and fuel cells, *Science* **302**:1329.
- Pielke, Jr., R. A. 2003. Another epidemic of politics, *Science*, **300**:1092-1093.
- Pielke, Jr., R. A. and R. Harriss, 2000. Science Policy and the NASA Triana Mission, *Science*, **288**: 271.
- Sarewitz, D. and R. A. Pielke, Jr., 2000. Reply. *The Atlantic Monthly*, September.
- Pielke, Jr., R. A. 1999. Hurricane forecasting, *Science*, **284**: 1123.
- Pielke, Jr., R. A. 1999. Seismic Warning, *The Economist*, 27 February.
- Pielke, Jr., R. A. and R. Byerly, Jr. 1998. Reply, *Physics Today*, August.
- Pielke, Jr., R. A. and R. Byerly, Jr. 1996. Effective U.S. Science Continued, *Science* **271**:1218-1219.
- Policy-related testimony, analyses, reports, briefings, etc.
2019. Pielke, Jr., R. 2019. Statement. Hearing on Scientific Integrity in Federal Agencies, House of Representatives, Committee on Science, Space and Technology ([PDF](#)), 17 July.
2019. Pro bono expert witness, Court of Arbitration for Sport (Lausanne), *Caster Semenya/ASA vs. IAAF*

2018. Let's Discuss Arts and Sciences Divisions, response paper prepared for A&S reorganization exercise, https://drive.google.com/file/d/1V93QMChK9cVG6_RNZx1VD3xRN7nwk2E/view
2018. The Absence of a Public Policy Program is a Major Obstacle to the Academic Futures Vision, response paper prepared for CU Academic Futures, https://drive.google.com/file/d/1thHicMcMWqcCWn9ZKtwzpYLUgaiK27_W/view
2017. Submission to European Athletics on World Record Revision Proposal, *European Athletics*.
2017. Statement of Dr. Roger Pielke, Jr. to the Committee on Science, Space, and Technology of the United States House of Representatives. Hearing on Climate Science: Assumptions, Policy Implications, and the Scientific Method, 29 March.
2013. Statement of Dr. Roger Pielke, Jr. to the Subcommittee on Environment of the Committee on Science, Space, and Technology of the United States House of Representatives. Hearing on A Factual Look at the Relationship of Climate and Weather, December 11.
2013. Statement of Roger Pielke, Jr. to the Committee on Environment and Public Works of the United States Senate. Hearing on 'Climate Change: It's Happening Now' July 18.
2010. Statement to the InterAcademy Council Review of the IPCC, Washington, DC, 3 June.
2010. Statement to the Air Quality Control Commission, State of Colorado, Decarbonization of the Colorado Economy, Denver, CO, 18 February.
2009. Presentation on "A Few Observations on Decarbonization and Mitigation Policy," Tokyo, METI, Tokyo, Japan, 22 January.
2008. "Making Climate Science Useful," A report prepared for the Dutch Government program "Knowledge for Climate," September 4.
2007. Statement to the House Committee on Science and Technology of the United States House of Representatives, The State of Climate Change Science 2007: The Findings of the Fourth Assessment Report by the Intergovernmental Panel on Climate Change (IPCC), Working Group III: Mitigation of Climate Change, 16 May.
2007. Statement to the Committee on Government Reform of the United States House of Representatives, Hearing on Political Interference in the Work of Government Climate Change Scientists, 30 January.
2006. Statement to the Committee on Government Reform of the United States House of Representatives, Hearing on Climate Change: Understanding the Degree of the Problem, 20 July.
2005. Talk, "Beyond Kyoto: A Third Way on Climate Change," U.S. Environmental Protection Agency, Washington, DC, 7 March.
2004. Congressional Staff Briefing, "Climate Change, Extreme Events, and Climate Science Policy," House Committee on Science, Washington, DC, 17 November.
2002. Statement to the Committee on Environment and Public Works of the United States Senate, Hearing on Economic and Environmental Risks Associated with Increasing Greenhouse Gas Emissions, 20 March.

2002. Weather Forecasts, Impacts, and Policy, Invited Expert Lecturer, WMO CAS XIII, Oslo, Norway, 13 February.
2001. Societal Vulnerability to Climate, NAS Senate Forum, 8 June.
1999. Talk on “Six Heretical Notions about Weather Policy,” Interdepartmental Committee on Meteorological Services and Supporting Research, 7 December, White House Conference Center, Washington, DC.
1999. Lunch Seminar, “Societal Impacts of Weather and Climate Extremes: Implications for Research and Policy,” Office of Management and Budget, Science and Space Division, 10 August, Washington, DC.
1999. Congressional Staff Briefing on “Floods! Climate, Society, and Policy,” UCAR Series on Weather and Climate Impacts on Society, Russell Senate Office Building, 9 June.
1999. R. A. Pielke, Jr. and M. W. Downton, Comment on Proposed Rule RIN 3067-AC94, Disaster assistance: factors considered when evaluating a Governor’s request for a major disaster declaration,” Federal Emergency Management Agency, 26 April.
1999. Briefing on “Societal Impacts and Forecast Value,” North American Atmospheric Observing System Council, Eleventh Session, 28 January, National Weather Service, Silver Spring, MD.
1998. Seminar on “Weather Impacts and Services of the 21st Century,” National Weather Service Headquarters, 14 October, Silver Spring, MD.
1998. Congressional Staff Briefing on “The Nation’s Growing Vulnerability to Hurricanes,” *Coastal Hazards: America’s Risks and America’s Choices*, UCAR, NASULGC, IBHS, and CSO, 10 February, U.S. Capitol.
1997. Invited participant, Early Career Scientist Science Policy Study Roundtable, Committee on Science, U.S. House of Representatives, 8 December, Washington, DC.
1997. Invited participant, Science Policy Study Kickoff Luncheon and Roundtable, Committee on Science, U.S. House of Representatives, 23 October, Washington, DC.
1997. Congressional Staff Briefing, organizer and moderator, “Extreme weather and the insurance industry,” UCAR Series on Weather and Climate Impacts on Society, U.S. Capitol SC6, 17 September.
1997. Congressional Staff Briefing, “Disasters, Death, and Destruction: What are the Facts?,” UCAR Series on Weather and Climate Impacts on Society, Cannon 121 and Russell 188, 14 July.
1997. R. A. Pielke, Jr. and C. W. Landsea, Normalized Hurricane Damages in Florida, 1925-1995, Report to the State of Florida, Commission on Hurricane Loss Projection Methodology, 1 July.

Book Reviews

2019. The Uninhabitable Earth — future imperfect, a book review, *Financial Times*, 8 March.
- 2017 at The Honest Broker, A review of **The Retreat of Western Liberalism**, <https://thehonestbroker.org/2017/06/04/book-review-the-retreat-of-western-liberalism/>
- 2015 in *Nature*, Science under the political steamroller. *Nature* **519**:290.
- 2015 in *Real Clear Books*, Malthusians v. Cornucopians. Book review of **The End of Doom** by Ronald Bailey.

October 2020

2014 in *Nature*, retrospective, In Retrospect: The Social Function of Science. *Nature* **518**:427-428.

2014 at *The Least Thing*, Wheelmen: A Book Review. The Least Thing, Published January 5.

2013 at The Breakthrough Institute, Should Scientists Rule? A Review of **The Geek Manifesto** by Mark Henderson, Published January 7. <http://thebreakthrough.org/index.php/voices/roger-pielke-jr/should-scientists-rule/>

2012 at The Breakthrough Institute, The Politics of Prediction: A Review of Nate Silver's **The Signal and the Noise**. September 17. <http://thebreakthrough.org/index.php/voices/roger-pielke-jr/the-politics-of-prediction/>

2010 in *Nature*, book review: Tales from the climate-change crossroads. A review of books by Stephen Schneider, James Hansen and Al Gore, **464** 352-353, Published 18 March 2010.

2010 in *Nature*, retrospective, "In Retrospect – *Science: The Endless Frontier*, A Report to the US Government, Vannevar Bush, 1945.

2009 in *Review of Policy Research*, **26**:494-495, book review of **Innovation Policy in Europe - Measurement and Strategy**, Edited by C. Nauwalers and R. Wintjes, , pp. 494-495.

2009 in *Nature Reports Climate Change*. A third way, book review of **The Politics of Climate Change** by Anthony Giddens, June 18.

2008 in *American Scientist*, **96**: 32, The Rise and Fall of the Space Shuttle. Review of **Final Countdown: NASA and the End of the Space Shuttle Program** by Pat Duggins,.

2008 in *Nature Reports: Climate Change*, Trading technologies. Review of **Earth: The Sequel** (WW Norton) by Fred Krupp and Miriam Horn, 29 May 2008.

2007 in *Nature*, **447**: 35-36, When the numbers don't add up. Review of **Useless Arithmetic: Why Environmental Scientists Can't Predict the Future** (Columbia University Press) by Orrin Pilkey & Linda Pilkey-Jarvis.

2006 in *Nature*, **443**:753-75. What just ain't so: It is all too easy to underestimate the challenges posed by climate change. Review of **Kicking the Carbon Habit: Global Warming and the Case for Renewable and Nuclear** (Columbia University Press) by William Sweet.

2005 in *Nature* **434**:139-140, A part of but apart from politics: Can Scientists advise policy-makers without compromising their objectivity?, Review of Nature's **Experts: Science, Politics, and the Environment** by Stephen Bocking, Rutgers University Press: 2004.

2003. in *Science* **301**:1483-1483, Review of **Our Final Hour: A Scientists Warning How Terror, Error and Environmental Disaster Threaten Humankind's Future in This Century**, Martin Rees, Cambridge University Press 2003, 168 pp.

2002. in *Policy Sciences* **35**:311-315, Review of **Solar Energy, Technology Policy, and Institutional Values**, Frank N. Laird, Cambridge University Press, 2001, 248 pp.

2002. in *Nature* **419**:434-435, Better safe than sorry: Does the precautionary principle provide a useful guide to action? Review of P. Harremoës et al. (eds) **The Precautionary Principle: Late Lessons from Early Warnings** (Earthscan, 2002) 268 pp.

October 2020

2002. in *Environment* **44**(7):43, Review of **Better Environmental Policy Studies**, by L. E. Susskind et al., 2001, 188pp.

1999. in *Science* **268**: 456, Review of **Disasters and Democracy**, by R. Platt, 1999, Island Press, Washington, DC.

1999. in *Bulletin of the American Meteorological Society* **80**: 1440-1444. with M. Betsill, M. Downton, J. Firor, D. Jamieson, R. Katz, M. Lahsen, J. Magistro, L. Mearns, and K. Miller, Review of **Human Choice and Climate Change**, S. Rayner and E. Malone (eds.) 1998, Batelle Press, Washington, DC.

1998. in *EOS: Transactions of the American Geophysical Union*, **79**: 283, Review of **The Endangered Atmosphere: Preserving a Global Commons**, by M. S. Soroos, 1997, University of South Carolina Press, Columbia, SC.

1998. in *Bulletin of the American Meteorological Society*, **79**: 472-474. Review of **Does the weather really matter? The social implications of climate change**, by W. J. Burroughs, 1997, Cambridge University Press, Cambridge, UK.

1997. in *Climatic Change*, **35**: 531-535, Review of **The Great Flood of 1993: Causes, Impacts, and Responses**, S. A. Changnon, (ed..) Westview Press: Boulder, CO, 1996.

1996. in *Bulletin of the American Meteorological Society*, **77**: 1867-1870. Review of **As Climate Changes: International Impacts and Implications**, K. M. Strzepek and J. B. Smith. (eds.) New York: Cambridge University Press, 1995.

Invited, Contributed and Other Non-Peer Reviewed Articles and Commentary

Pielke, Jr. R. 2020. [The Mudfight Over ‘Wild-Ass’ Covid Numbers Is Pathological](#), *WIRED*, 22 April.

Pielke, Jr. R. 2020. [Fealty Trumps Truth](#), 19 April.

Pielke, Jr., R. 2020. [Did the Trump Administration Delay the WHO Emergency Declaration?](#) 15 April.

Pielke, Jr. R. 2020. [Eight Weeks Behind: Clarifying the Early U.S. Coronavirus Testing Failure](#), 13 April.

Pielke, Jr., R. 2020. [Why Isn’t the White House Using the Nation’s Pandemic Experts?](#) *Slate*, 10 April.

Pielke, Jr., R. 2020. [How Billionaires Tom Steyer And Michael Bloomberg Corrupted Climate Science](#), *Forbes*, 2 January.

Pielke, Jr., R. 2020. [Three Rules for Accepting “Event Attribution” Studies](#), *Forbes*, 6 January.

Pielke, Jr. R. 2020. [The Inconvenient Facts on Australian Bushfires](#), *Forbes*, 14 January.

Pielke, Jr. R. 2020. [The Best News on Climate You’ve Never Heard](#), *Forbes*, 18 January.

Pielke, Jr. R. 2020. [On Par With Doping: The First Person To Miss The Olympics For Wearing The Wrong Shoes](#), *Forbes*, 21 January.

Pielke, Jr., R. 2020. [The Decline of Football is Real and It’s Accelerating](#), *Forbes*, 25 January.

Pielke, Jr. R. 2020. [Why You Can’t Trust The Insurance Industry’s Secret Science On Climate Catastrophes](#), *Forbes*, 25 January.

October 2020

Pielke, Jr. R. 2020. [Understanding the Great Climate Science Scenario Debate](#), *Forbes*, 3 February.

Pielke, Jr., R. 2020. [How Academic ‘Blacklists’ Impede Serious Work On Climate Science](#), *Forbes*, 9 February.

Pielke, Jr., R. 2020. [How Universities Are Changing Their Approach To Recruiting Student Athletes With Troubled Pasts](#), *Forbes*, 11 February.

Pielke, Jr. R. 2020. [Good News And Bad News As Carbon Dioxide Emissions Grow More Slowly Than Models Predict](#), *Forbes*, 18 February.

Pielke, Jr., R. 2019. [Here’s How to Compensate College Athletes](#), *New York Times*, 30 October.

Pielke, Jr., R. 2019. [CU Regents should start over on president search](#), *The Daily Camera*, 18 April.

Pielke, Jr., R. 2019. On Super Bowl weekend, it’s worth considering whether male-focused sports are out of step, *USA Today*, 3 February.

Pielke, Jr, R. 2019. [When Is Climate Change Just Weather? What Hurricane Dorian Coverage Mixes Up, On Purpose](#), *Forbes*, 4 September.

Pielke, Jr, R. 2019. [Democrat Climate Policies Are Ambitious But Fail The Reality Test](#), *Forbes*, 9 September.

Pielke, Jr., R. 2019. [The Case For A Goldilocks Carbon Tax](#), *Forbes*, 13 September.

Pielke, Jr., R. 2019. [The Yawning Gap Between Climate Rhetoric and Climate Action](#), *Forbes*, 19 September.

Pielke, Jr., R. 2019. [It’s Time To Get Real About The Extreme Scenario Used To Generate Climate Porn](#), *Forbes*, 26 September.

Pielke, Jr., R. 2019. [Net-Zero Carbon Dioxide Emissions By 2050 Requires A New Nuclear Power Plant Every Day](#), *Forbes*, 30 September.

Pielke, Jr., R. 2019. [It’s Time To Move Beyond The Toy Models that Guide Climate Policy](#), *Forbes*, 7 October.

Pielke, Jr., R. 2019. [If Climate Scenarios Are Wrong For 2020. Can They Get 2100 Right?](#), *Forbes*, 21 October.

Pielke, Jr., R. 2019. [The Biggest Threat To Climate Science Comes From Climate Advocates](#), *Forbes*, 23 October.

Pielke, Jr. R. 2019. [The World Is Not Going To Halve Carbon Emissions By 2030, So Now What?](#), *Forbes*, 27 October.

Pielke, Jr., R. 2019. [Surprising Good News on the Economic Costs of Disasters](#), *Forbes*, 31 October.

Pielke, Jr., R. 2019. [The Impact Of Flooding Depends More On Societal Change Than Climate Change](#), *Forbes*, 5 November.

Pielke, Jr., R. 2019. [Everything You Hear About Billion-Dollar Disasters Is Wrong](#), *Forbes*, 7 November.

Pielke, Jr., R. 2019. [The Surprising Energy Math Behind U.S. Climate Policy Failure](#), *Forbes*, 10 November.

October 2020

Pielke, Jr., R. 2019. [No, Hurricanes Are Not Bigger, Stronger and More Dangerous](#), *Forbes*, 15 November.

Pielke, Jr., R. 2019. [Just The Facts On Hurricanes](#), *Forbes*, 24 November.

Pielke, Jr., R. 2019. [U.S. Hurricanes By President Since 1900: Trump Tops Obama But Bush Beats Them Both](#), *Forbes*, 26 November.

Pielke, Jr. 2019. [Global Carbon Dioxide Emissions Are On The Brink Of A Long Plateau](#), *Forbes*, 30 November.

Pielke, Jr. 2019. [The Incredible Story Of How Climate Change Became Apocalyptic](#), *Forbes*, 6 December.

Pielke, Jr. 2019. [Why Climate Advocates Need To Stop Hying Extreme Weather](#), *Forbes*, 14 December.

Pielke, Jr. 2019. [In 2020 Climate Science Needs To Hit The Reset Button, Part One](#), *Forbes*, 22 December.

Pielke, Jr. 2019. [In 2020 Climate Science Needs To Hit The Reset Button, Part Two](#), *Forbes*, 23 December.

Pielke, Jr., 2019. [Think You Know Energy And Climate? Take My 2020 Quiz And See If You Do](#), *Forbes*, 24 December.

Pielke, Jr., R. 2018. Some Good News—About Natural Disasters, of All Things, *Wall Street Journal*, 4 August.

Pielke, Jr., R. 2018. IAAF Opens up on Testosterone: Some Reactions, *Sports Integrity Initiative*.

Pielke, Jr., R. 2018. A Call for Bermon and Garnier (2017) to be Retracted, *Sports Integrity Initiative*

Pielke, Jr., R. 2018. Donald Trump isn't waging a war on science. He just doesn't care, *The Guardian*

Pielke, Jr., R. 2018. Weather-related natural disasters 2017: was this a reversion to the mean? *Risk Frontiers*

Pielke, Jr., R. 2018. Science Communication as Intellectual Hospitality, *The Honest Broker*.

Pielke, Jr. R. 2017. Weather-related Natural Disasters: Should we be concerned about a reversion to the mean? *Risk Frontiers*

Pielke, Jr. R. 2017. Has the United States reached peak (American) football? *Play the Game*

Pielke, Jr. R. 2017. Is Youth Football Past its Prime? *The Conversation*

Pielke, Jr. R. 2017. Nike two-hour marathon project reveals technological inequities in sport, *The Guardian*

Pielke, Jr. R. 2017. Experts respond to Trump's climate blitzkrieg, *Bulletin of the Atomic Scientists*.

Pielke, Jr. R. (with J. Stilgoe) 2017. After April's March for Science, what next for anti-Trump scientists? *The Guardian*

Pielke, Jr. R. 2017. Amateur Sports' Last Stand? *Play the Game*

Pielke, Jr. R. 2017. Possible scenarios for the future of US college sports *Play the Game*

Pielke, Jr. R. 2017. Putin "was at heart of Russian drug scandal" *Mail on Sunday*

October 2020

- Pielke, Jr. R. 2017. A Litigious Climate Threatens Scientific Norms, *Wall Street Journal*
- Pielke, Jr. R. 2017. The Hurricane Lull Couldn't Last, *Wall Street Journal*
- Pielke, Jr., R. 2016. Can anti-doping bodies maintain their scientific integrity? The answer is troubling, *The Guardian*.
- Pielke, Jr., R. 2016. Get ready for the coming wave of technologically enhanced athletes, *The Guardian*.
- Pielke, Jr., R. 2016. Science will never settle the question of sex and gender in sport, *The Guardian*.
- Pielke, Jr., R. 2016. Yes, Caster Semenya Should be Allowed to Run at Rio, *The Mail on Sunday*.
- Pielke, Jr., R. 2016. Why Not a College Degree in Sports?, *The New York Times*.
- Pielke, Jr., R. 2016. Why an Irish Sprinter Serving a Doping Ban Deserves a New Hearing, *Newsweek*.
- Pielke, Jr., R. 2016. Sporting autonomy stands in the way of fair play, *Public Finance International*.
- Pielke, Jr. R. 2016. The key sports law issues in the USA in 2016, *Law in Sport*.
- Pielke, Jr., R. & S. Harris. 2016. Who needs independent experts? *Global Sports Impact Report*.
- Pielke, Jr., R. 2016. CU hoping to bring sports governance into spotlight, *The Daily Camera*.
- Pielke, Jr., R. 2016. Why college athletics are not facing financial bubble, *The Daily Camera*.
- Pielke, Jr., R. 2016. College athletes actually can get paid, *The Daily Camera*.
- Pielke, Jr., R. 2016. Top-level college athletes need to be schooled on going pro, *The Daily Camera*.
- Pielke, Jr., R. 2016. College athletes' experience doesn't mirror non-athletes, *The Daily Camera*.
- Pielke, Jr., R. 2016. My Unhappy Life as a Climate Heretic, *Wall Street Journal*.
- Pielke, Jr., R. 2016. Mehr Saft, Bitte!, *Welt-Sichten*.
- Stilgoe, J. & R. Pielke, Jr., 2016. They may not like it, but scientists must work with Donald Trump, *The Guardian*.
- Pielke Jr., R. 2016. Can anti-doping bodies maintain their scientific integrity? The answer is troubling, *The Guardian*, 25 July.
- Pielke, Jr., R. 2016. Can doping ever be eradicated from cycling? An expert q\Q&A, *Cycling Weekly*, 2 June.
- Pielke, Jr., R. 2016. The NFL Needs Distance from Its Brain –Injury Funding, *Wall Street Journal*, 21 February.
- Tucker, R. and R. Pielke, Jr. 2016. IAAF, Adidas, Doping and Internal Contradictions of WADA Report, *Sporting Intelligence*, 25 January.
- Pielke, Jr., R. A. 2016. Presidential Race Profile: Gianni Infantino, *Sporting Intelligence*, Published November 16 2015.

October 2020

Pielke, Jr., R. A. 2016. Presidential Race Profile: Michel Platini, *Sporting Intelligence*, Published November 16 2015.

Pielke, Jr., R. A. 2015, FIFA paid \$88.6m in salaries in 2014. We can guesstimate Blatter's take at \$6m+. *Sporting Intelligence* , Published March 20 2015.

Pielke, Jr., R. A. 2015, EPO in cycling, GHG in the NFL – The complicated truths of cheating. *Sporting Intelligence*, Published March 12 2015.

Pielke, Jr., R. A. 2015, I am Under 'Investigation'. *Financial Post*, Published February 25 2015.

Pielke, Jr., R. A. 2015, Psephological Pseudoscience. *The Guardian*, Published May 9 2015.

Pielke, Jr., R. A. 2015, Fooling ourselves with science: Hoaxes, retractions and the public. *The Guardian*, Published June 2 2015.

Pielke, Jr., R. A. 2015, U.S. anti-doping agency is falling down on the job. *Denver Post*, Published September 19 2015.

Pielke, Jr., R. A. 2015, Is science policy a theological matter?. *The Guardian* , Published June 23 2015.

Pielke, Jr., R. A. 2015, What is wrong with US universities producing millionaire sportsmen for the NFL?. *Sporting Intelligence*, Published September 15 2015.

Pielke, Jr., R. A. 2015, Why Discrediting Controversial Academics Such as Bjørn Lomborg Damages Science. *The Guardian*, Published April 23 2015.

Pielke, Jr., R. A. 2015, Analysis: U.S. Soccer raises more questions than answers in Senate hearing. *USA Today*, Published July 17 2015.

Pielke, Jr., R. A. 2015, 'Sprinters don't improve after 30. Gatlin's feats are ... incredible'. *Sporting Intelligence*, Published July 20 2015.

Pielke, Jr., R. A. 2015, If we discover extraterrestrial life, what happens next?. *The Guardian*, Published July 23 2015.

Pielke, Jr., R. A. 2015, How do organisations clean up after corruption scandals?. *Transparency International*, Published July 24 2015.

Pielke, Jr., R. A. 2015, Who Should Be Allowed to Compete as a Female Athlete?. *New York Times*, Published July 29 2015.

Pielke, Jr., R. A. 2015, Keeping score at FIFA. *Transparency International*, Published August 10 2015.

Pielke, Jr., R. A. 2015, FIFA presidential candidate seeking true reform? Here's your checklist. e , Published August 3 2015.

Pielke, Jr., R. A. 2015. What makes a 'super club' ? ... And are these the world's biggest?. *Sporting Intelligence Global Sports Salaries Survey* , 61 pp., Published May 2015.

Pielke, Jr., R. A. 2014. A doping conundrum: Just \$6m a year on developing new tests, \$350m on testing. *Sporting Intelligence*, Published July 21 2014.

October 2020

Pielke, Jr., R. A. 2014. A Lack of Reliable Doping Data Puts the Spirit of Sport in Peril. *Sporting Intelligence*, Published September 30 2014.

Pielke, Jr., R. A. 2014. An Obama Advisor Is Attacking Me for Testifying That Climate Change Hasn't Increased Extreme Weather. *The New Republic* March 5.

Pielke, Jr., R. A. 2014. Bankers and bookies oust FIFA as best bets for World Cup forecasts. *Sporting Intelligence* , Published June 24.

Pielke, Jr., R. A. 2014. Can FIFA's Corruption Be Stopped?. *Foreign Policy* , Published November 16.

Pielke, Jr., R. A. 2014. Disasters Cost More Than Ever - But Not Because of Climate Change. *FiveThirtyEight.com* , Published March 19.

Pielke, Jr., R. A. 2014. Dutee Chand, science and the spirit of sport: Why IAAF policy is deeply flawed. *Sporting Intelligence* , Published October 20.

Pielke, Jr., R. A. 2014. Fifa has bigger problems than corruption alone. *Soccernomics* , Published May 7.

Pielke, Jr., R. A. 2014. FIFA Has New Problems, But It Hasn't Addressed Its Old Ones. *FiveThirtyEight.com* , Published June 3 2014.

Pielke, Jr., R. A. 2014. Following Up on Disasters And Climate Change. *FiveThirtyEight.com* , Published March 21.

Pielke, Jr., R. A. 2014. Germany: Deserving, obvious World Cup winners (almost nobody predicted). *Sporting Intelligence* , Published July 16.

Pielke, Jr., R. A. 2014. Government Science Advice: Where are the Honest Brokers?. *The Guardian* , Published August 26.

Pielke, Jr., R. A. 2014. Hurricane luck will run out. Protect America with structural integrity. *USA Today* June 9.

Pielke, Jr., R. A. 2014. Measuring the 'Tiger effect' – doubling of Tour prizes, billions into players' pockets. *Sporting Intelligence* August 6, 2014 .

Pielke, Jr., R. A. 2014. Science advisors should be supported, not sacked. *The Guardian* July 24.

Pielke, Jr., R. A. 2014. Sport does not exist in a vacuum. Fifa has a responsibility to act on Russia. *Sporting Intelligence* July 29.

Pielke, Jr., R. A. 2014. Technology, not carbon caps, will reduce emissions. *Financial Times* June 5 2014

Pielke, Jr., R. A. 2014. The data's clear: Soccer is becoming more significant in the US sporting landscape. *Sporting Intelligence* , Published September 12.

Pielke, Jr., R. A. 2014. The Decline of Tornado Devastation. *Wall Street Journal* , Published April 24 2014.

Pielke, Jr., R. A. 2014. The top 20 teams in England pay \$2.9BN in wages a year. All of MLS pays \$129.5m. *Sporting Intelligence* , Published October 30 2014.

Pielke, Jr., R. A. 2014. There's Income Inequality in Golf, Too. *FiveThirtyEight.com* , Published April 13 2014.

October 2020

- Pielke, Jr., R. A. 2014. Thoroughbreds Are Running as Fast as They Can. *FiveThirtyEight.com* , Published May 3 2014.
- Pielke, Jr., R. A. 2014. Upsets, giant-killings, adios, bye-bye: FIFA rankings STILL ahead in predicting results. *Sporting Intelligence* , Published June 20 2014.
- Pielke, Jr., R. A. 2014. When Picking a Bracket, It's Easier to Be Accurate Than Skillful. *FiveThirtyEight.com* , Published March 24 2014.
- Pielke, Jr., R. A. and D. Sarawitz 2014. Climate policy robs the world's poor of their hopes. *Financial Times* March 26.
- Pielke, Jr., R. A. 2013. Dear Expert, Please Cook the Books. *Wall Street Journal* January 29.
- Pielke, Jr., R. A. 2013. Guest column: The flood next time. *Daily Camera*, September 25.
- Pielke, Jr., R. A. 2013. A Deeper Look at FIFA's Reform Scorecard. *Play the Game* , October 28.
- Pielke, Jr., R. A. 2013. Have the climate sceptics really won?. *The Guardian* , May 24.
- Pielke, Jr., R. A. 2013. How innovations such as goal-line technology make sport better. *The Guardian* , June 5.
- Pielke, Jr., R. A. 2013. A Report Card on FIFA Reform. *Play the Game* , Published June 19 2013.
- Pielke, Jr., R. A. 2013. Why Monbiot's attack on Walport misses the mark. *The Guardian* , April 30.
- Sarewitz, D., and R. Pielke, Jr., 2013. Learning to Live With Fossil Fuels. *The Atlantic*
- Pielke, Jr., R. A. 2013. Which way for Sunil Gulati on the FIFA ExCo? *Play the Game*, June 3.
- Linnér, B. and R. A. Pielke, Jr. 2013. Final Comment: The question is how global institutions should be governed (English version). *Dagens Nyheter*, October 8.
- Linnér, B. and R. Pielke, Jr. 2013. More authoritarian politics is not the solution to climate change (English version). *Dagens Nyheter* , September 27.
- Pielke, Jr., R. A. 2013. Providing Evidence to Policy Makers: an Integration of Expertise and Politics. *Bridges* 38, Published August 2013.
- Pielke, Jr., R. A. 2013. Overcoming the Tyranny of the Stylized Fact. *Bridges* 37, Published May 2013.
- Pielke, Jr., R. A. 2013. No, Europe's ETS definitely doesn't work. Lowy Institute for International Policy, *The Interpreter* , Published April 30.
- Pielke, Jr., R. A. 2013. Europe's ETS: Good branding, poor substance. Lowy Institute for International Policy, *The Interpreter* , Published April 22.
- Pielke, Jr., R. A. 2012. Hurricanes and Human Choice. *Wall Street Journal* October 31.
- Pielke, Jr., R. A. 2012. Technology was the key factor in saving the ozone layer. *China Dialogue*, Published November 6 2012. <http://www.chinadialogue.net/books/5297/en>

October 2020

Pielke, Jr., R. A. 2012. Climate of Failure. *Foreign Policy* August 6.

Pielke, Jr., R. A. 2012. Experten in Blogs. Positive und negative Aspekte. *Forschungsjournal* **25**:79-83, Published June 2012.

Pielke, Jr., R. A. 2012. Climate spin is rampant. *The Denver Post* October 12.

Pielke, Jr., R. A. 2012. Guest opinion: The enduring importance of higher education. *The Daily Camera* March 3.

Pielke, Jr., R. A. 2012. Chief scientists are not superheroes. *Research Fortnight*, Published March.
http://exquisitelife.researchresearch.com/exquisite_life/2012/03/chief-scientists-are-not-superheroes.html

Pielke, Jr., R.A. 2012. Why is support for climate action dropping? *The Interpreter*, Lowy Institute for International Policy , Published June 13 2012. <http://www.lowyinterpreter.org/post/2012/06/13/Why-is-support-for-climate-action-dropping.aspx>

Pielke, Jr., R. A. 2012. Mad Cows, Hurricane Sandy, and Why We Need Strong Science Assessors. *Bridges* 36 , Published December 2012.

Pielke, Jr., R. A. 2012. Science, Sex, and the Olympics. *Bridges* 34 , Published July 2012.

Pielke, Jr., R. A. 2012. The Origins of “Basic Research”. *Bridges* 35 , Published October 2012.

Pielke, Jr., R.A. 2012. The Great American Manufacturing Battle. *Bridges* 33 , Published May 25 2012

Pielke, Jr., R. A. 2011. Politics is about acting alike, not thinking alike. *Bulletin of the Atomic Scientists*, Published December 15.

Pielke, Jr., R. A. 2011. When politicians distort science. *Bulletin of the Atomic Scientists*, Published October 27.

Pielke, Jr., R. A. 2011. Can World Soccer Root Out Corruption? Holding the Agency Accountable. *New York Times*, Published July 20.

Pielke, Jr., R.A. 2011. Innovation Policy Lessons of the Vasa,. *Bridges* 32, Published December 2011.

Pielke, Jr., R.A. 2011.Lessons of the L’Aquila Lawsuit. *Bridges* 31, Published October 2011.

Pielke, Jr., R. A. 2011. Commentary: Pay-for-play in college athletics. *Boulder Daily Camera* , Published July 24.

Pielke, Jr., R. A. 2011. England Shows the Way for Members to Tackle FIFA Crisis. *Financial Times* June 1.

Pielke, Jr., R. A. 2011. Extreme Weather and Climate Change. *National Journal* , Published July 5.

Pielke, Jr., R.A. 2011. The Policy Afdvisor’s Dilemma, *Bridges* 30, Published July 2011.

Pielke, Jr., R. A. 2011, Klinsmann Will Find There Are No Points for Style. *New York Times*, Published August 6.

Pielke, Jr., R. A. 2011, The Problem With In-State Tuition. *Chronicle of Higher Education* , Published July 24, (subsequently republished in the *Dallas Morning News* and *The Denver Post*).

Pielke, Jr., R.A. 2011. Let There Be More Efficient Light. *New York Times* March 10.

October 2020

Pielke, Jr., R.A. 2011. The messy business of cleaning up carbon policy (and how to sell it to the electorate). *ABC News Australia*, Published April 1.

Pielke, Jr., R.A. 2011. Democracy's Open Secret,. *Bridges* 29, Published April 2011.

Pielke, Jr., R. A. 2010. Climate policy wars: People want affordable solutions. *Crosscut* August 20.

Pielke, Jr., R. A. 2010. Letter to the editor: RMS forecast methods. *Sarasota Herald Tribune* November 26 .

Pielke, Jr., R. A. 2010, Quel pasticciaccio brutto del clima. *Edizioni Riformiste* October 6.

Pielke, Jr., R. A. 2010, The iron law of climate policy. *National Post* October 5.

Pielke, Jr., R. A. 2010. Wacht endlich auf!. *Capital* November 26.

Pielke, Jr., R. A. 2010. Beyond the Annual Climate Confab. *Bridges* 28, Published December 2010.

Pielke, Jr., R. A. 2010. Success is not Guaranteed. *Bridges* 27 , Published October 2010.

Pielke, Jr., R. A. 2010. Sport: An Academic's Perfect Laboratory. *Bridges- OST's Publication on Science & Technology Policy* 26 , Published July 2010.

Pielke, Jr., R. A. 2010, Decelerating Decarbonization of the Global Economy. *Energy Tribune* , Published 7 July 2010.

Pielke, Jr., R. A. 2010, Inside the Black Box of Science Advisory Committee Empanelment. *Bridges- OST's Publication on Science & Technology Policy* 25 , Published April 2010.

Pielke, Jr., R. A. 2010. The simple mathematics of decarbonisation in Australia. *ABC News Australia*, <http://www.abc.net.au> 11 March .

Pielke, Jr., R. A. 2010. Major Change Is Needed If the IPCC Hopes to Survive. *Yale Environment* 360 , Published 25 February 2010.

Tol, R., R. A. Pielke, Jr., and H. von Storch, 2010. Save the Panel on Climate Change!. *Der Spiegel* 25 January.

Tol, R., R. A. Pielke, Jr., and H. von Storch 2010. VN-klimaatpanel moet drastisch hervormen. *NRC Handelsblad* 26 January

Pielke, Jr., R. A., 2009. Air capture update, *Nature Geoscience*, Vol. 2, December, p. 811.

Pielke, Jr., R. A., 2009. Does Geo-engineering Meet Criteria for a Successful Technological Fix?, *Seed Magazine*, November 17.

Pielke, Jr., R.A. 2009. The Carbon Dioxide Challenge, Simplified. *Formiche* (Italy) VI (33) , November 11 2009.

Pielke, Jr., R.A. 2009. Post-Modern Judgments and Crazy Arithmetic. *Seed Magazine*, 13 August 2009.

Pielke, Jr., R.A. 2009. L'impossibile equazione, tra volere più energia e meno emissioni di CO2. *Il Nuovo Riformista*, 11 July.

October 2020

Pielke, Jr., R.A. 2009. Principio di precauzione? Mai Più. *La Stampa* , 1 July 2009.

Pielke, Jr., R.A. 2009. The changing politics of global climate policy. *Energy Forum* (Japan) , July 2009.

Pielke, Jr., R.A., 2009. The black box of risk, *Financial Post*, June 15.

Pielke, Jr., R.A., 2009. Understanding the Copenhagen Climate Deal: The Fix is In. Bridges- OST's Publication on Science & Technology Policy, Vol. 23, October.

Pielke, Jr., R.A. 2009. First Reflections from a Workshop on Science Policy Research and Science Policy Decisions. Bridges - OST's Publication on Science & Technology Policy 22 , Published July 2009.

Pielke, Jr., R.A., 2009. L'impossibile equazione, tra volere più energia e meno emissioni di CO2, *Il Nuovo Riformista*, July 11.

Pielke, Jr., R.A., 2009. Principio di precauzione? Mai Più, *La Stampa*, July 1.

Pielke, Jr., R.A., 2009. The Folly of 'Magical Solutions' For Targeting Carbon Emissions, *Yale Environment* 360, July 29.

Pielke, Jr., R.A., 2009. Collateral Damage from the Death of Stationarity, *GEWEX Newsletter*, May, pp. 5-7.

Pielke, Jr., R.A., 2009. Post-Modern Judgments and Crazy Arithmetic, *Seed Magazine*, August 13.

Pielke, Jr., R. A., 2009. Improving the contribution of experts in policy and politics, *www.publicservice.co.uk, PSCA International Ltd.*, November 17.

Pielke, Jr., R.A., 2009. First Reflections from a Workshop on Science Policy Research and Science Policy Decisions. Bridges- OST's Publication on Science & Technology Policy, Vol. 22, July.

Pielke, Jr., R.A., 2009. Ambiente, un'altra verità scomoda. *Formiche*, Vol. VI, No. 33. (English version: The Carbon Dioxide Challenge, Simplified.)

Pielke, Jr., R.A., 2009. Obama's Climate Policy: A Work in Progress. Bridges- OST's Publication on Science & Technology Policy, Vol. 21, April.

Koetz, T., Bridgewater, P., Miller, C., Norgaard, R., and R. Pielke, 2009. Science-Policy Interfaces for more effective governance of biodiversity and ecosystem services: Institutional mismatches, shifting paradigms, obstructions, and opportunities, *Policy Brief on intergovernmental science-policy platform on biodiversity and ecosystem services*.

Prins, G. and R. Pielke, Jr. 2009. The changing politics of global climate policy, *Energy Forum* (Japan), July. (published version in Japanese).

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 , 15 pp., Published 6 July 2009.

Pielke, Jr., R. A. and C. Green, 2008. The cure for carbon., *Rocky Mountain News*, November 22.

October 2020

Pielke, Jr., R.A., 2008. An Interview with John H. Marburger, Outgoing US President's Science Advisor. Bridges - OST's Publication on Science & Technology Policy, Vol. 20, December.

Pielke, Jr., R. A., 2008. The Role of Risk Models in the Financial Crisis, Bridges - OST's Publication on Science & Technology Policy, Vol. 19, October.

Pielke, Jr., R. A., 2008. Has Technology Assessment Kept Pace with Globalization? Bridges - OST's Publication on Science & Technology Policy, Vol. 18, July.

Pielke, Jr., R.A., 2008. Science and Politics: Accepting a Dysfunctional Union. *Harvard International Review*, Summer, pp. 36-41.

Pielke, Jr., R. A., 2008. Scientists and the Next President of the United States, *Elements*, Volume 4, No. 3, June.

Pielke, Jr., R.A., Bouwer, L., Crompton, R., Faust, E., and Höppe, P., 2008. **Catastrophe Losses in the Context of Demographics, Climate, and Policy. Managing the Changing Landscape of Catastrophe Risk.** 10th Aon Re Australia Biennial Hazards Conference, September 16-18 2007. Queensland Australia.

Pielke, Jr., R. A., 2008. Blinded by Assumptions. Bridges - OST's Publication on Science & Technology Policy, Vol. 17, April.

Pielke, Jr., R. A., 2008. Has Technology Assessment Kept Pace with Globalization? Bridges - OST's Publication on Science & Technology Policy, Vol. 18, July.

Pielke, Jr., R. A., 2008. Overheated Claims. *Financial Post*, June 17.

Pielke, Jr., R. A., 2008. End of 2007 Hurricane-Global Warming Update, AIR Currents, January.
http://www.air-worldwide.com/_public/html/air_currentsitem.asp?ID=1394

Pielke, Jr. R. A. (with contributions from P. Hoeppe and S. McIntyre), 2008. Case studies in disaster losses and climate change, pp. 131-140 in the **Proceedings of the 15th 'Aha Huliko'a Winter Workshop on Extreme Events**, University of Hawaii, Honolulu, January 2007.

Pielke, Jr., R. A., 2007. NASA needs a new vision. San Francisco Chronicle, October 7, Pg. E-5.

Pielke, Jr., R. A., 2007. Technology Assessment and Globalization. Bridges - OST's Publication on Science & Technology Policy, Vol. 16, December.

Pielke, Jr., R. A., 2007. From "Is it True?" to "So What?". Bridges - OST's Publication on Science & Technology Policy, Vol. 14, July.

Pielke, Jr., R. A., 2007. The Honest Broker. Bridges - OST's Publication on Science & Technology Policy, Vol. 13, April.

Pielke, Jr., R. A., 2006. The 2006 US Midterm Elections and Science & Technology Policy. Bridges - OST's Publication on Science & Technology Policy, Vol. 12, December.

Pielke, Jr., R. A. 2006. Climate change is serious, but we have to have a realistic response, Guardian Unlimited, London, United Kingdom, 13 October.

Pielke, Jr., R.A., 2006. Self-Segregation of Scientists by Political Predispositions. Bridges - OST's Publication on Science & Technology Policy, Vol. 11, September.

October 2020

Pielke, Jr., R. A., 2006. How to Break up NASA. Bridges- OST's Publication on Science & Technology Policy, Vol. 10, June.

Pielke, Jr., R.A., 2006. When Scientists Politicize Science, *Regulation*, Spring, pp. 28-34.

Pielke, Jr., R. A., 2006. Science Policy without Science Policy Research. Bridges-OST's Publication on Science & Technology Policy, Vol. 9, April.

Pielke, Jr., R. A., 2006. Science, Politics and Press Releases, *The Albuquerque Journal*, 2 April.

Pielke, Jr., R.A., 2006. The Kyoto Protocol: What Next? in K. Sparks (ed.), *Encyclopaedia Britannica, 2006 Book of the Year*, pp. 194-195.

Pielke, Jr., R.A. 2006. The precautionary principle, in L. Ronconi (ed.) "Biblioteca: Dizionario per l'uso" (in Italian), Fondazione Sigma-Tau, Rome.

Pielke, Jr., R. A. 2006. UCB is a follower, not a leader, on academic earmarking, Letter to the editor, *Silver & Gold Record*, University of Colorado, 9 November.

Pielke, Jr. R. A. 2006. Watch this space, *Weather and Society Watch*, Institute for the Study of Society and Environment, National Center for Atmospheric Research, November.

Pielke, Jr., R.A. and D. Sarewitz, 2005. Managing the next disaster, *Los Angeles Times*, September 23.

Pielke, Jr., R. A. 2005. Scienza nuell'uragano politico, *Il Sole-24 Ore*, 27 November, page 36.

Pielke, Jr., R.A., 2005. Making Sense of Trends in Disaster Losses, Bridges-OST's Publication on Science & Technology Policy, Vol. 7.

Pielke, Jr. R. A. 2005. Science Academies as Political Advocates, *Bridges*, Volume 6, July, Office of Science & Technology at the Embassy of Austria in Washington, D.C.

Pielke, Jr., R.A., 2005. Katrina interroga l'America sul gap tra scienza e politica (Italian Version). *Darwin*, November/December, 76-82.

Pielke, Jr., R.A., 2005. Il paradoso di Lomborg e dei suoi nemici (Italian Version). *Darwin*, January/February, 64-69.

Pielke, Jr., R.A., 2005. Accepting Politics In Science. *Washington Post*, January 10.

Sarewitz, D., and R.A. Pielke, Jr., 2005. Rising Tide, *The New Republic*, January 6.

Pielke, Jr., R. A., 2004. The End of Research? A Perspective for the Consortium for Science, Policy, and Outcomes, <http://www.cspo.org>, Arizona State University, October.

Pielke, Jr., R.A., 2004: L'Apocalisse Prossima Ventura (in Italian). *Darwin*, May, 52-59.

Pielke, Jr., R. A. 2003. What is Climate Change? Policy consequences of differing political and scientific definitions, Workshop on Insights and Tools for Adaptation: Learning from Climate Variability, NOAA Office of Global Programs, 18-20 November.

October 2020

- Pielke, Jr., R. A. 2003. Pre-emptive politics ignores science, *Rocky Mountain News*, 18 August.
- Pielke, Jr., R. A. 2003. The Great American Weather War, *Natural Hazards Observer*, July, pp. 1-3.
- Pielke, Jr., R. A. 2003. When science gets political, *Newsday*, February 23.
- Pielke, Jr., R. A. 2003. Politics and science mix badly. *International Herald Tribune*, January 20.
- Pielke, Jr., R. A. and D. Sarewitz, 2003. Research as action on climate change, *Space News*, January 10.
- Pielke, Jr., R. A. and R. A. Pielke, Sr. 2003. Fundamentals of tropical cyclones, *Asian Disaster Preparedness Center Newsletter*, Vol. 9, No. 1.
- Pielke, Jr., R. A. and R. A. Pielke, Sr. 2003. Extreme events (Hurricanes), *Handbook of Weather, Climate and Water* (John Wiley: New York).
- Pielke, Jr., R. A. 2002. When we lose a shuttle, *Space News*, September 27.
- Pielke, Jr., R. A. 2002. When, not if, we lose another Shuttle, what then? *The Houston Chronicle*, September 15.
- Pielke, Jr., R. A. 2002. A Few Comments on “End-User Forecast Products,” a white paper prepared for the U.S. Weather Research Program Warm Season Precipitation Workshop, 5-7 March 2002, National Center for Atmospheric Research, Boulder, CO.
- Sarewitz, D. and R. A. Pielke, Jr. 2001. Climate changes, society has to learn to adapt, *The Albuquerque Journal*, August 5.
- Pielke, Jr., R. A. 2001. Weather Extremes and Climate Impacts, **Encyclopedia of Global Environmental Change**, (John Wiley: London).
- Downton, M. and R. A. Pielke, Jr. 2001. Politics and Disaster Declarations, *Natural Hazards Observer*.
- Pielke, Jr., R. A. 2000. A warning about seasonal forecasting, *The ENSO Signal*, Issue 13, p. 5, online at <http://www.esig.ucar.edu/signal/guest.html>
- Pielke, R. A., Jr. and D. Sarewitz, 2000. Winning and losing the global warming debate, *Earth Affairs*, February, <http://www.earthscape.org>
- Pielke, R. A., Jr. and D. Sarewitz, 2000, Global Warming Anyone? *The Washington Times*, 2 February.
- Sarewitz, D. and R. A. Pielke, Jr. 2000. Breaking the Global Warming Gridlock, *The Atlantic Monthly*, July.
- Sarewitz, D. and R. A. Pielke, Jr. Prediction: Science, decision making and the future of nature, *Eco-Compass: The Internet Guide to Environmental Information*, Island Press, Washington, DC. <http://www.islandpress.org/ecocompass/predictions.html>
- Sarewitz, D., R. A. Pielke, Jr., R. Byerly, 1999. Prediction as a Process, Not a Product, *Geotimes*, 44(4):29-31.
- Pielke, Jr., R. A. 1998. Trends in Flood and Hurricane Impacts in the U. S. — A Selected Review of Recent Research, *Elements of Change 1998*, pp. 334-341, Aspen Global Change Institute.

October 2020

Pielke, Jr., R. A. 1998. Forecasting danger: the science of disaster prediction, *Microsoft Encarta Encyclopedia*, December. encarta.msn.com/features/latestupdates/yearbook/feature/December98.shtm.

Pielke, Jr., R. A. 1998. Extreme weather and societal impacts: What are the facts? *C²GCR Quarterly* 98-3, pp. 5ff. McGill University, Montreal, Canada.

Pielke, Jr. R. A. 1998. The U.S. Global Change Research Program, *Oxford Historical Guide to American Government*, pp. 267-269, (Oxford University Press: New York).

Pielke, Jr. R. A. 1998. The National Center for Atmospheric Research, *Oxford Historical Guide to American Government*, pp. 74-75, (Oxford University Press: New York).

Pielke, Jr., R. A. 1997. Will we learn the lessons of Grand Forks? *National Coordinating Council on Emergency Management (NCCEM) Bulletin* **14**(10):7, 9.

Pielke, Jr., R. A. 1997. Trends in hurricane impacts in the United States, *Crop Insurance Today* **30**(3):8-10,18.

Pielke, Jr., R. A. 1997. Meeting the promise of flood forecasting, *Natural Hazards Observer* **22** (1):8-9.

Pielke, Jr. R. A. 1997. Will we learn the lessons of Grand Forks? *Disaster Research*, Number **227**, 3 July 1997.

Pielke, Jr., R. A. 1996. Exposing Exposure: Societal dimensions of hurricane risk, *Insurance Specialist* **2**(1):46-47.

Pielke Jr., R. A. 1995. Preparing for the Past: Global warming and responses to hurricanes in the U.S., *Insurance Specialist*, **1**(7):15-16.

Pielke Jr., R. A. 1995. Taming the wind, *The Geographical Magazine* **67** (10):17-20.

Pielke Jr., R. A. 1993. Goals, justification are shuttle program's fundamental flaws, *Spacewatch*, Vol 10, No. 11, United States Space Foundation.

Pielke Jr., R. A. 1993. The costs of the Space Shuttle program, *Aviation Week and Space Technology*, July, 26, 57-58.

Monographs

Tucker, R. and R. Pielke, Jr. 2016. Report of Investigation into Cross-US Run Attempt by Rob Young, SKINS.

Chetri, N., J. Lloyd, T. Nordhaus, R. Pielke, Jr., J. Roy, D. Sarewitz, M. Shellenberger, P. Teague and A. Trembath, 2016. Adaptation for a High-Energy Planet: Climate Pragmatism Project, ASU CSPO and The Breakthrough Institute, 40 pp., March.

Dirks, G, L. King, F. Laird, J. Lloyd, J. Lovering, T. Nordhaus, R. Pielke, Jr., M. Román, D. Sarewitz, M. Shellenberger, K. Singh, and A. Trembath 2014. High-Energy Innovation: A Climate Pragmatism Project. ASU CSPO and The Breakthrough Institute, 44 pp., Published December.

Caine, M., J. Lloyd, M. Luke, L. Margonelli, T. Moss, T. Nordhaus, R. Pielke, Jr., M., Roman, J. Roy, D. Sarewitz, M. Shellenberger, K. Singh, and A. Trembath 2014. Our High Energy Planet: A Climate Pragmatism Project. Breakthrough Institute and Consortium for Science, Policy & Outcomes at Arizona State University, 28 pp., Published April.

October 2020

McAneney, J., R. Crompton, D. McAneney, R. Musulin, G. Walker, G. and R. Pielke Jr. (2013), Market-based mechanisms for climate change adaptation: Assessing the potential for and limits to insurance and market based mechanisms for encouraging climate change adaptation. National Climate Change Adaptation Research Facility (Australia), Gold Coast, 129 pp., Published May 2013.

Prins, G., Galiana, I., Green, C., Grundmann, R., Hulme, M., Korhola, A., Laird, F., Nordhaus, T., Pielke, Jr., R., Rayner, S., Sarewitz, D., Shellenberger, M., Stehr, N., and H. Tezuka, 2010. The Hartwell Paper: A new direction for climate policy after the crash of 2009. Institute for Science, Innovation & Society, University of Oxford; LSE Mackinder Programme, London School of Economics and Political Science, 42 pp., Published May 2010.

Pielke, Jr., R. A. (ed.) 2004. **Report on the Misuse of Science in the Administrations of George W. Bush (1989-1993) and William J. Clinton (1993-2001)**. By the Students in ENV5 4800, Maymester 2004, University of Colorado, June.

Pielke, Jr., R. A. 2003. **Public-Private-Academic Roles and Responsibilities in the Atmospheric Sciences**, A Case Study Prepared for the 2001 American Meteorological Society Atmospheric Policy Colloquium, June.

Pielke, Jr., R.A., M.W. Downton, and J.Z. Barnard Miller, 2002. **Flood Damage in the United States, 1926-2000: A Reanalysis of National Weather Service Estimates**. Boulder, CO: UCAR.

Anderson-Berry, L, T. Keenan, J. Bally, R. Pielke, Jr., D. King, R. Leigh, 2002. **World Weather Research Program Sydney 2000 Forecast Demonstration Project: Social, Societal and Economic Impacts Assessment**. Bureau of Meteorology Research Report No 111.

Pielke, Jr., R. A., 2001. **The Development of the U.S. Global Change Research Program**, A Case Study Prepared for the 2001 American Meteorological Society Atmospheric Policy Colloquium, June.

Stewart, T. R., R. Nath, R. A. Pielke, Jr. 2001. **Societal Value of Improved Precipitation Forecasts: A Case Study in Surface Transportation**, Final report submitted to the Forecast Systems Laboratory, National Oceanic and Atmospheric Administration.

Pielke, Jr., R. A. 2001. **Extreme Weather Sourcebook 2001 Edition**, Environmental and Societal Impacts Group National Center For Atmospheric Research and the American Meteorological Society, January.

Pielke, Jr., R. A., M. Downton, J. Z. B. Miller, S. A. Changnon, K. E. Kunkel, and K. Andsager, 2000. **Understanding Damaging Floods in Iowa: Climate and Societal Interactions in the Skunk and Raccoon River Basins**, Environmental and Societal Impacts Group, National Center for Atmospheric Research, August.

Pielke, Jr., R. A., C. Simonpietri, and J. Oxelson 1999. **Thirty Years After Hurricane Camille: Lessons Learned, Lessons Lost**, Environmental and Societal Impacts Group, National Center for Atmospheric Research.

Pielke, Jr., R. A., B. Enosh, A. Gutierrez, and M. Mercer 1999. **Extreme Weather Sourcebook: An Educational Report on Damages in the United States Related to Tornadoes, Floods and Hurricanes**, Environmental and Societal Impacts Group National Center For Atmospheric Research, February.

Pielke Jr., R. A. 1996. **Midwest Flood of 1993: Weather, Climate, and Societal Impacts**, Environmental and Societal Impacts Group, National Center for Atmospheric Research, October 22, 159 pp.

Pielke Jr., R. A. 1995. **Hurricane Andrew in South Florida: Mesoscale Weather and Societal Responses**, Environmental and Societal Impacts Group, National Center for Atmospheric Research, June 1, 244 pp.

October 2020

Workshop Reports

Pielke, Jr., R. A. and E. Lövbrand, 2009. Report of the Workshop on Reconciling the Supply of and Demand for Research: Who benefits? When? How? And Why? Linköping, Sweden. Center for Science and Technology Policy Research, University of Colorado.

Pielke, Jr., R. A. and M. Jacob, 2009. Report of the Workshop on Reconciling the Supply of and Demand for the Science of Science and Innovation Policy (SciSIP), Oslo, Norway. Center for Science and Technology Policy Research, University of Colorado.

Pielke, Jr., R. A., R. Crompton, E. Faust, J. Gratz, M. Lonfat, Qian Ye, S. Raghavan, 2006. Report of Section 5.1, Factors contributing to human and economic losses, International Workshop on Tropical Cyclones VI, WMO Tropical Meteorology Research Programme Report Series..

Pielke, Jr., R. A. and P. Hoeppe (eds.) 2006. Report of the Workshop on Climate Change and Disaster Losses: Understanding and Attributing Trends and Projections, Center for Science and Technology Policy Research, University of Colorado, Boulder, CO.

McNie, E., R. A. Pielke, Jr., and D. Sarewitz, 2006. Report of the Workshop on RISA Science Policy, Center for Science and Technology Policy Research, University of Colorado, Boulder, CO.

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.

Pielke, Jr., R. A. and R. Klein 2003. Report of the Symposium on Science Technology and Security: Knowledge for a Post 9/11 World, Center for Science and Technology Policy Research, University of Colorado, Boulder, CO.

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.

Pielke, Jr., R. A. 1999. Background paper, "Hurricane and Flood Losses in the Mid-Atlantic Region: A Paper Prepared as a Contribution to the U.S. National Climate Assessment," prepared at the request of Ann Fischer, Pennsylvania State University, 5 January.

Pielke, Jr., R. A., D. Sarewitz, and R. Byerly, 1998. Report of the Workshop on Prediction in the Earth Sciences: Use and Misuse in Policy Making, Environmental and Societal Impacts Group, National Center for Atmospheric Research and The Geological Society of America, Boulder, CO, July.

Pielke, Jr., R. A., K. McGuffie, L. Avila, and C. Landsea, 1998. Report of Section 5.0, Societal Impacts, International Workshop on Tropical Cyclones IV, WMO Tropical Meteorology Research Programme Report Series, Report No. 59, WMO/TD - No. 875.

October 2020

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.

Contributing author to D. Malmquist (ed.), 1997. *Tropical Cyclones and Climate Variability: A Research Agenda for the Next Century* (Risk Prediction Initiative, Bermuda Biological Station for Research).

Pielke, Jr. R. A., J. Kimpel, C. Adams, J. Baker, S. Changnon, K. Heideman, P. Leavitt, R. N. Keener, J. McCarthy, K. Miller, A. Murphy, R. S. Pulwarty, R. Roth, E. M. Stanley, Sr., T. Stewart, T. Zacharias, 1997. Societal aspects of weather: report of the sixth prospectus development team of the U.S. weather research program to NOAA and NSF, *Bulletin of the American Meteorological Society* **78**:867-876.

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

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.

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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.

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

2020 Climate Science, Policy and Politics

This case uses the Kaya identity as the basis for understanding dynamics associated with population, GDP, energy intensity of the economy and carbon intensity of energy and how they contribute to carbon dioxide emissions from the burning of fossil fuels. A key focus of this course is to develop skills of quantitative analysis and reasoning.

2020 Science in Policy, Politics and Society, ENVS 5100

This course introduces students to academic literature and professional practices in science and technology policy, science and technology studies and quantitative methods of policy analysis.

2005, 2010-2012, 2019 Quantitative Methods of Policy Analysis, 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.

2016-2019 Introduction to Sports Governance, ETHN 3104

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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.

2012, 2018 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.

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.

2014 The Governance of Sport

This course, a part of the proposed 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.

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

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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.

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.

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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.

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

S. Muhammad	Ph.D. external evaluation committee, Hong Kong University, School of Energy and Environment, 2020
R. Simmons	Comprehensive exam committee member, ENVS 2019
R. Simmons	Ph.D. co-advisor (with B. Hale), ENVS, University of Colorado 2019
E. Longenecker	Ph.D. Committee Member, GEOG, University of Colorado 2019
O. Pearman	Comprehensive exam committee member, ENVS 2019
A. Tozier de la Poterie	Ph.D. Advisor, ENVS, University of Colorado, 2017

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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. Kötz	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. Briggles	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	Master's Thesis Committee Member, Public Policy, University of Colorado, 2002
D. Warn	Master's Thesis Committee Chair, Public Policy, University of Colorado, 2001
N. Rosmarino	Ph.D. Committee Member, Political Science, University of Colorado, 2001
C. Brooker	Master's Thesis Committee Member, Public Policy, University of Colorado, 2001
Z. Miller	Master's 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	Master's Thesis Committee Chair, Public Policy, University of Colorado, 1998
R. Klein	Master's Thesis Committee Member, Public Policy, University of Colorado 1998
C. Gent	Master's 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

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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)

Play the Game
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
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

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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
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

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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