

Anthony A. Leiserowitz

Research Scientist & Director, Yale Project on
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Education

University of Oregon	Environmental Science, Studies and Policy	Ph.D. 2003
University of Oregon	Environmental Studies	M.S. 1998
Michigan State University	International Relations	B.A. 1990

Positions Held

2007 – present Research Scientist & Director, Office of Strategic Initiatives & Yale Project on Climate Change Communication: School of Forestry & Environmental Studies, Yale University.

2004 – 2009 Principal Investigator: Center for Research on Environmental Decisions, Columbia University.

2007 Consultant: School of Forestry & Environmental Studies, Yale University.

2003 – 2007 Research Scientist: Decision Research, Eugene, Oregon.

2003 – present Courtesy Professor: Environmental Studies Program, University of Oregon.

2003 – 2004 Consultant: John F. Kennedy School of Government, Harvard University.

1999 – 2003 Research Assistant: Departments of Biology and Geography and the Environmental Studies Program, University of Oregon.

1998 – 2003 Instructor: Environmental Studies Program and Department of Geography, University of Oregon.

1997 – 2003 Graduate Teaching Fellow: Environmental Studies Program and Department of Geography, University of Oregon.

1995 – 1996 Executive Director: Michigan Museum of Surveying, Lansing, MI.

1991 – 1993 Education Coordinator: Aspen Global Change Institute, Aspen, CO.

1988 – 1990 Legislative Assistant: Michigan State Senator William Faust, Lansing, MI.

Peer-Reviewed Publications

- Leiserowitz, A., Maibach, E., Roser-Renouf, C., Smith, N., & Dawson, E. (in review) Climategate, public opinion, and the loss of trust. *American Behavioral Scientist*.
- Smith, N. & Leiserowitz, A. (in review) The rise of global warming skepticism: Exploring affective image associations. *Risk Analysis*.
- Maibach, E., Leiserowitz, A., Roser-Renouf, C., Mertz, C.K. (in press) Identifying like-minded audiences for climate change public engagement campaigns: An audience segmentation analysis and tool development. *PLoS ONE*.
- Zhao, X., Leiserowitz, A., Maibach, E., & Roser-Renouf, C. (in press). Attention to science/environment news positively predicts and attention to political news negatively predicts global warming risk perceptions and policy support. *Journal of Communication*.
- Liverman, D. (co-chair), Raven, P. (co-chair), Barstow, D., Bierbaum, R., Bromley, D., Leiserowitz, A., Lempert, R., Lopez, J., Miles, E., Moore, B., Newton, M., Ramaswamy, V., Richels, R., Scott, D., Tierney, K., Walker, C., and Wilson, S. (2010) *Informing an Effective Response to Climate Change*. Washington, D.C., America's Climate Choices Report, Panel on Informing Effective Decisions and Actions Related to Climate Change, National Academy of Sciences.
- Leiserowitz, A. & Barstow, D. (2010) Education and communication. Chapter 8 in Liverman et al., *Informing an Effective Response to Climate Change*. Washington, D.C., America's Climate Choices Report, Panel on Informing Effective Decisions and Actions Related to Climate Change, National Academy of Sciences.
- Akerlof, K., DeBono, R., Berry, P., Leiserowitz, A., Roser-Renouf, C., Clarke, K., Rogaeva, A., Nisbet, M., Weathers, M., and Maibach, E. (2010). Public perceptions of climate change as a human health risk: Surveys of the United States, Canada and Malta. *International Journal of Environmental Research and Public Health*, 7, 2559-2606.
- Leiserowitz, A. (2010) Climate change risk perceptions and behavior in the United States, in S. Schneider, A. Rosencranz, and M. Mastrandrea, eds. *Climate Change Science and Policy*. Island Press.
- Liu, Chung-En and Leiserowitz, A. (2009) Environmental attitudes and behavior in urban China. *Environment*, 51(4), 32-45.
- Hart, P. and Leiserowitz, A. (2009) Finding the teachable moment: An analysis of information-seeking behavior on global warming related websites during the release of The Day After Tomorrow. *Environmental Communication*, 3(3), 355-366.
- Maibach, E. W., Roser-Renouf, C., and Leiserowitz, A. (2008). Communication and marketing as climate change-intervention assets: A public health perspective. *American Journal of Preventive Medicine*, 35(5), 488-500.
- Leiserowitz, A. and Fernandez, L. (2008) Toward a new consciousness: Values to sustain human and natural communities. *Environment*, 50(5), 62-69.
- Marx, S., Weber, E., Orlove, B., Leiserowitz, A., Krantz, D., Roncoli, C., Phillips, J. (2007) Communication and mental processes: Experiential and analytic processing of uncertain

- climate information. *Global Environmental Change*, 17(1), 47-58.
- Broad, K., Leiserowitz, A., Weinkle, J., and Steketee, M. (2007) Misinterpretations of the “cone of uncertainty” during the 2004 Florida hurricane season. *Bulletin of the American Meteorological Society*, 88(6), 651-667.
- Leiserowitz, A., Kates, R., and Parris, T. (2006) Sustainability values, attitudes and behaviors: A review of multi-national and global trends. *Annual Review of Environment and Resources*, 413-444.
- Leiserowitz, A. (2006) Climate change risk perception and policy preferences: The role of affect, imagery, and values. *Climatic Change*, 77, 45-72.
- Lorenzoni, I., Leiserowitz, A., Doria, M., Poortinga, W., and Pidgeon, N. (2006) Cross-national comparisons of image associations with ‘global warming’ and ‘climate change’ among laypeople in the United States of America and Great Britain. *Journal of Risk Research*, 9 (3), 265-281.
- Leiserowitz, A. (2005) American risk perceptions: Is climate change dangerous? *Risk Analysis*, 25 (6), 1433-1442.
- Leiserowitz, A., Kates, R., and Parris, T. (2005) Do global attitudes and behaviors support sustainable development? *Environment*, 47(9), 22-38.
- Kates, R., Parris, T. and Leiserowitz, A. (2005) What is sustainable development? Goals, indicators, values and practice. *Environment*, 47(3), 8-21.
- Leiserowitz, A. (2005) The international impact of The Day After Tomorrow. *Environment*, 47(3), 41-44.
- Leiserowitz, A. (2004) Before and after The Day After Tomorrow: A U.S. study of climate change risk perception. *Environment*, 46(9), 22-37.
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Book Chapters

- Feldman, L., Leiserowitz, A., and Maibach, E. (in press) The science of satire: *The Daily Show* and *The Colbert Report* as sources of public attention to science and the environment, in Amarasingam, A. (Ed.), *Perspective on fake news: The social significance of Jon Stewart and Stephen Colbert*. Jefferson, NC: McFarland and Company.
- Leiserowitz, A., Kates, R., and Parris, T. (in press) Global attitudes and behavior regarding sustainable development, in P. Schlosser, ed. *Is Sustainable Development Feasible?*
- Maibach, E., Leiserowitz, A., Roser-Renouf, C., Akerlof, K. & Nisbet, M. (in press). Saving energy is a value shared by all Americans: Results of a global warming audience segmentation analysis. In Karen Ehrhardt-Martinez (Ed). *Human Resources for Climate Solutions: Energy Smart Behaviors, People Centered Policies, and Public Engagement*. Washington, DC: American Council for an Energy-Efficient Economy.
- Leiserowitz, A., Kates, R., and Parris, T. (2008) Sustainability values, attitudes and behaviors: A review of multi-national and global trends, in R. Mitchell, ed. *International Environmental*

Politics. New York, NY: Sage Press, 201-233.

Leiserowitz, A. and Fernandez, L. (2008) *Toward a new consciousness: Values to sustain human and natural communities*. New Haven, CT: Yale School of Forestry & Environmental Studies.

Leiserowitz, A. (2008) Climate change in the American mind, in C. Pumphrey, ed. *Global climate change: National security implications*. Carlisle, PA: Strategic Studies Institute, 213-226.

Leiserowitz, A. (2007) Global public perception, opinion, and understanding of climate change: Current patterns, trends, and limitations. Thematic paper for: *Human Development Report 2007: Climate Change and Human Development – Rising to the Challenge*. United Nations Development Program. http://hdr.undp.org/en/reports/global/hdr2007-2008/papers/leiserowitz_anthony.pdf

Leiserowitz, A. (2007) Communicating the risks of global warming: American risk perceptions, affective images and interpretive communities, in S. Moser and L. Dilling, eds. *Creating a climate for change: Communicating climate change and facilitating social change*. Cambridge: Cambridge University Press, 44-63.

Reports

Leiserowitz, A. (2010) *Global Warming's Six Americas and the Global Public*. Greening Korea 2010: Strengthening the Global Green Economy Conference. United Nations, Presidential Committee on Green Growth, and the National Research Council for Economics, Humanities, and Social Sciences. Seoul, South Korea.

Leiserowitz, A., Maibach, E., Roser-Renouf, C., & Smith, N. (2010) *Global Warming's Six Americas: June 2010*. Yale University and George Mason University. New Haven, CT: Yale Project on Climate Change. <http://environment.yale.edu/uploads/SixAmericasJune2010.pdf>

Leiserowitz, A., Maibach, E., Roser-Renouf, C. & Smith, N. (2010) *Americans' Actions to Conserve Energy, Reduce Waste, and Limit Global Warming: June 2010*. Yale University and George Mason University. New Haven, CT: Yale Project on Climate Change. <http://environment.yale.edu/uploads/BehaviorJune2010.pdf>

Leiserowitz, A., Maibach, E., Roser-Renouf, C., & Smith, N. (2010) *Climate change in the American Mind: Public support for climate & energy policies in June 2010*. Yale University and George Mason University. New Haven, CT: Yale Project on Climate Change. <http://environment.yale.edu/uploads/PolicySupportJune2010.pdf>

Leiserowitz, A., Maibach, E., Roser-Renouf, C., & Smith, N. (2010) *Climate change in the American Mind: Americans' global warming beliefs and attitudes in June 2010*. Yale University and George Mason University. New Haven, CT: Yale Project on Climate Change. <http://environment.yale.edu/uploads/AmericansGlobalWarmingBeliefs2010.pdf>

Leiserowitz, A. & Akerlof, K. (2010) *Race, ethnicity and public responses to climate change*. Yale University and George Mason University. New Haven, CT: Yale Project on Climate Change. <http://environment.yale.edu/uploads/RaceEthnicity2010.pdf>

- Feldman, L., Nisbet, M., Leiserowitz, A., Maibach, E. (2010) *The climate change generation? Survey analysis of the perceptions and beliefs of young Americans*. American University, Yale University, and George Mason University. New Haven, CT: Yale Project on Climate Change. <http://environment.yale.edu/uploads/YouthJan2010.pdf>
- Leiserowitz, A., Maibach, E., & Roser-Renouf, C. (2010) *Global Warming's Six Americas: January 2010*. Yale University and George Mason University. New Haven, CT: Yale Project on Climate Change. <http://environment.yale.edu/uploads/SixAmericasJan2010.pdf>
- Leiserowitz, A., Maibach, E., & Roser-Renouf, C. (2010) *Americans' Actions to Conserve Energy, Reduce Waste, and Limit Global Warming: January 2010*. Yale University and George Mason University. New Haven, CT: Yale Project on Climate Change. <http://environment.yale.edu/uploads/BehaviorJan2010.pdf>
- Leiserowitz, A., Maibach, E., & Roser-Renouf, C. (2010) *Climate change in the American Mind: Public support for climate & energy policies in January 2010*. Yale University and George Mason University. New Haven, CT: Yale Project on Climate Change. <http://environment.yale.edu/uploads/PolicySupportJan2010.pdf>
- Leiserowitz, A., Maibach, E., & Roser-Renouf, C. (2010) *Climate change in the American Mind: Americans' global warming beliefs and attitudes in January 2010*. Yale University and George Mason University. New Haven, CT: Yale Project on Climate Change. <http://environment.yale.edu/uploads/AmericansGlobalWarmingBeliefs2010.pdf>
- Maibach, E., Roser-Renouf, C., and Leiserowitz, A. (2009) *Global Warming's Six Americas 2009: An audience segmentation*. Yale University and George Mason University. New Haven, CT: Yale Project on Climate Change. <http://environment.yale.edu/uploads/6Americas2009.pdf>
- Leiserowitz, A., Maibach, E., and Roser-Renouf, C. (2009) *Climate change in the American mind: Americans' climate change beliefs, attitudes, policy preferences, and actions*. Yale University and George Mason University. New Haven, CT: Yale Project on Climate Change. <http://research.yale.edu/environment/uploads/CCAmericanMind.pdf>
- Leiserowitz, A., Maibach, E., and Roser-Renouf, C. (2009) *Saving energy at home and on the road: A survey of Americans' energy saving behaviors, intentions, motivations, and barriers*. Yale University and George Mason University. New Haven, CT: Yale Project on Climate Change. <http://environment.yale.edu/uploads/SavingEnergy.pdf>
- Leiserowitz, A., Maibach, E., and Roser-Renouf, C. (2008) *Global Warming's "Six Americas": An audience segmentation*. Yale University and George Mason University. New Haven, CT: Yale Project on Climate Change. <http://environment.yale.edu/uploads/SixAmericas.pdf>
- Leiserowitz, A., Maibach, E., and Roser-Renouf, C. (2008) *Global warming and the 2008 presidential election*. Yale University and George Mason University. New Haven, CT: Yale Project on Climate Change. <http://environment.yale.edu/uploads/2008Election.pdf>
- Feinberg, G., Leiserowitz, A., Auld G., and Cashore, B. (2008) *American and Canadian consumer attitudes toward environmentally-friendly products and eco-labeling*. The GfK Roper / Yale Survey on Environmental Issues. New Haven, CT: Yale School of Forestry & Environmental Studies. <http://environment.yale.edu/documents/downloads/a-g/GfK-Roper-Yale-Survey.pdf>

- Leiserowitz, A. and Broad, K. (2008) *Florida: Public opinion on climate change*. A Yale University / University of Miami / Columbia University Poll. New Haven, CT: Yale Project on Climate Change. <http://environment.yale.edu/uploads/FloridaGlobalWarmingOpinion.pdf>
- Leiserowitz, A., Shome, D., Marx, S., Hammer, S., and Broad, K. (2008) *The New York City global warming survey*. A Columbia University / Yale University Poll. New Haven, CT: Yale Project on Climate Change. <http://environment.yale.edu/climate/pdf/NYC-GlobalWarming.pdf>
- Leiserowitz, A. (2007) *Surveying the impact of Live Earth on American public opinion*. A Yale University / Gallup / ClearVision Institute Study. New Haven, CT: Yale School of Forestry & Environmental Studies. <http://environment.yale.edu/uploads/LiveEarthReport.pdf>
- Leiserowitz, A. and Feinberg, G. (2007) *American support for local action on global warming*. The GfK Roper / Yale Survey on Environmental Issues. New Haven, CT: Yale School of Forestry & Environmental Studies. <http://environment.yale.edu/news/5323/>
- Leiserowitz, A. (2007) *American opinions on global warming*. A Yale University / Gallup / ClearVision Institute Poll. New Haven, CT: Yale School of Forestry & Environmental Studies. <http://environment.yale.edu/news/5305/american-opinions-on-global-warming/>
- Gregory, R., Failing, L., and Leiserowitz, A. (2006) *Climate change impacts, vulnerabilities, and adaptation in Northwest Alaska*. Report No. 06-11, Eugene, OR: Decision Research.
- Leiserowitz, A. (2006) *Alaskan opinions on global warming*. Report No. 06-10, Eugene, OR: Decision Research.
- Leiserowitz, A., Kates, R., and Parris, T. (2004) *Sustainability values, attitudes and behaviors: A review of multi-national and global trends*. CID Working Paper No. (#113), Cambridge, MA: Center for International Development, Harvard University.
- Leiserowitz, A. (2003) *American opinions on global warming*. Report No. 554, Eugene, OR: Decision Research.
- Leiserowitz, A. (2001) *The nature and present state of environmental studies*. Environmental Studies Program Review: Self-Study Report, Eugene, OR: University of Oregon.
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Editorials

- Leiserowitz, A. (2009) Catalyzing the solar revolution. *Environment*. 51(2), 3.
- Leiserowitz, A. (2008) Preparing for the future. *Environment*. 50(6), 1.
- Cutter, S. L., DeFries, R. S., Leiserowitz, A. A., McGowan, A. H., and O’Riordan, T. (2008) Celebrating 50 years. *Environment*. 50(5), 1-2.
- Kates, R., Leiserowitz, A., and Parris, T. (2005) Accelerating sustainable development. *Environment*, 47(5), 1.
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Other Publications

- Leiserowitz, A. (2003) Ph.D. Thesis: *Global warming in the American mind: The roles of affect, imagery and worldviews in risk perception, policy preferences and behavior*. Eugene, OR: Environmental Science, Studies, and Policy Program and the Department of Geography, University of Oregon.
- Leiserowitz, A. (2003) Review of Bruce E. Johansen, *The Global Warming Desk Reference*, 2002. *Environment* 45(7), 41.
- Leiserowitz, A. (1998) Master's Thesis: *The "natures" of nature: An eco-critical analysis of the metaphors we use to understand the more-than-human world*. Eugene, OR: Environmental Studies Program, University of Oregon.
- Boyce, J., Hassol, S., Katzenberger, J., Kirpes, M., Leiserowitz, A., and Stapp, W. (1992) *Ground truth studies: Teacher handbook*. Aspen, CO: Aspen Global Change Institute.
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Grants

- 2010 - 2012 The National Science Foundation. PI: Maibach, E., Leiserowitz, A., Hoerling, M., Cobb, S. *Making the Global Local: Unusual Weather Events as Climate Change Educational Opportunities*. \$998,885.
- 2010 - 2011 The Shakti Foundation. PI: Leiserowitz, A. *Climate Change and the Indian Public*. \$100,000.
- 2010 The McCormick Foundation. PI: Leiserowitz, A. *Climate Change for Broadcast Meteorologists*. \$30,000.
- 2009 – 2010 The Geraldine R. Dodge Foundation. PI: Leiserowitz, A. *Visions of a Sustainable World*. \$10,000.
- 2008 – 2010 The National Science Foundation. PI: Staveloz, W., Leiserowitz, A., Bonney, R. *Communicating Climate Change*. \$2,998,311.
- 2008 – 2010 The 11th Hour Project. PI: Leiserowitz, A. *The U.S. Climate Change Target Audiences Project*. \$300,000.
- 2008 – 2012 The Grantham Foundation for Protection of the Environment. PI: Leiserowitz, A. *The Yale Forum on Climate Change & the Media* and *The News Executives Roundtable on Climate Change*. \$875,000.
- 2008 – 2010 The Surdna Foundation. PI: Leiserowitz, A. *The Yale Climate Change Attitudes, Behaviors, and Audiences Project*. \$100,000.
- 2008 - 2011 The Rice Family Foundation. PI: Brewster, A., Chertow, M., Esty, D., Lee, X., Leiserowitz, A. *The Asia Environment Fund*. \$2,000,000.
- 2008 – 2009 The Pacific Foundation. PI: Leiserowitz, A. *The U.S. Climate Change Target Audiences Project*. \$100,000.
- 2008 – 2009 The McCormick Foundation. PI: Leiserowitz, A. *The News Executives*

- Roundtable on Climate Change*. \$28,000.
- 2008 – 2009 The William and Flora Hewlett Foundation. PI: Leiserowitz, A. *The Yale Project on Climate Change*. \$25,000.
- 2007 – 2009 NOAA Sectoral Applications Research Program: Climate and Coastal. PI: Leiserowitz, A., Gorokhovich, Y. *Coastal Vulnerability to Sea Level Rise and Erosion in Northwest Alaska*. \$300,000.
- 2007 – 2008 The Lewis Foundation. PI: Leiserowitz, A. Conference support for *Toward a New Consciousness: Creating a society in harmony with nature*. \$100,000.
- 2007 – 2008 The Rockefeller Brothers Fund. PI: Leiserowitz, A. Conference support for *Toward a New Consciousness: Creating a society in harmony with nature*. \$25,000.
- 2007 – 2008 The Geraldine R. Dodge Foundation. PI: Leiserowitz, A. Conference support for *Toward a New Consciousness: Creating a society in harmony with nature*. \$10,000.
- 2007 – 2008 The Flora Family Foundation. PI: Leiserowitz, A. *The National Conversation on Climate Action*. \$150,000.
- 2006 – 2008 The National Science Foundation. PI: Leiserowitz, A., Broad, K. *The Role of Experience in Climate Change Detection, Risk Perception, and Behavior*. \$238,000.
- 2006 – 2007 The William and Flora Hewlett Foundation. PI: Leiserowitz, A., Abbasi, D. Support for *The Yale Project on Climate Change*. \$25,000.
- 2006 – 2007 The Surdna Foundation. PI: Leiserowitz, A., Abbasi, D. Support for *The Yale Project on Climate Change*. \$25,000.
- 2005 – 2008 The W.L. Lyons Brown Foundation. PI: Leiserowitz, A., Abbasi, D., Speth, G. Support for *Strategic Initiatives at The Yale School of Forestry & Environmental Studies*. \$250,000.
- 2005 – 2006 The Global Roundtable on Climate Change (Earth Institute) and the Center for Research on Environmental Decisions, Columbia University; The University of Miami. PI: Leiserowitz, A. *Vicarious Experience vs. Scientific Information in Climate Change Risk Perception and Behavior: A cross-cultural experiment in Argentina, Brazil, England, Mexico, and the United States*. \$30,000.
- 2004 – 2009 The National Science Foundation: Center for Research on Environmental Decisions, Columbia University. PI: Leiserowitz, A. *The Future is Now: Climate change detection, decision making and behavior in Alaska*. \$234,500.
- 2004 – 2005 NSF Human and Social Dynamics. PI: Leiserowitz, A., Slovic, P. *The Socio-Cultural Dynamics of Risk Perception*. \$100,000.
- 2004 – 2005 The National Science Foundation. PI: Leiserowitz, A. *Climate Change, Vicarious Experience and the Social Amplification of Risk*. \$98,000.
- 2002 – 2003 NSF Dissertation Improvement Grant. PI: Leiserowitz, A., Slovic, P. *Global Climate Change: Risk perceptions and behavior*. \$11,400.

Professional Service and Affiliations

- 2010 – present Member: National Research Council Climate Change Education Roundtable, National Academy of Sciences.
- 2010 – present Advisor: The Climate Literacy and Energy Awareness Network (CLEAN).
- 2009 – 2010 Panel Member: Addressing the Challenges of Climate Change through the Behavioral and Social Sciences, National Academy of Sciences.
- 2009 – 2010 Panel Member: Geo-engineering Options to Respond to Climate Change: Steps to Establish a Research Agenda, National Academy of Sciences.
- 2008 – 2010 Panel Member: America's Climate Choices: Panel on Informing Effective Decisions and Actions, National Academy of Sciences.
- 2008 – present Executive Editor: *Environment: Science and policy for sustainable development*.
- 2008 – present Associate Editor: *Weather, Climate, and Society*
- 2009 Member: Business-Expert Task Force on Low-Carbon Economic Prosperity, World Economic Forum.
- 2008 – 2009 Member: Global Agenda Council on Climate Change, World Economic Forum.
- 2008 – 2009 Research Advisor: Ministry of Social Policy, Malta.
- 2007 – present Director: *Roper / Yale Environment Poll*.
- 2007 – present Research Advisor: *Gallup World Poll*.
- 2007 – present Affiliated Research Scientist: Yale Center for Environmental Law and Policy.
- 2007 – present Affiliate Researcher: Center for Climate Change Communication, George Mason University.
- 2009 Advisory Committee: 2009 Behavior, Energy, and Climate Change Conference, Washington, D.C.
- 2007 – 2008 Contributing Editor: *Environment: Science and Policy for Sustainable Development*.
- 2005 – present Article Reviewer: *Science, Proceedings of the National Academy of Sciences; Global Environmental Change; Climatic Change; Journal of Risk Research; Environmental Research Letters; EOS; Media Psychology; Human & Ecological Risk Assessment; American Political Science Review*.
- 2005 – present Grant Reviewer: The U.S. National Science Foundation; Austrian National Science Fund; Netherlands Organisation for Scientific Research.
- 2007 Contributor: Workshop on future priorities for the U.S. Climate Change Science Program, U.S. National Academy of Sciences.
- 2005 Expert Reviewer: First order draft of the Intergovernmental Panel on Climate Change (IPCC) Working Group II Fourth Assessment Report: Climate Change

- 2007: Impacts, Adaptation and Vulnerability.
- 2005 – 2007 Scientific Advisor: Public Attitudes, Ethical Issues, and Decision-Making. Working Group IV of The Global Roundtable on Climate Change, Earth Institute, Columbia University.
- 2005 – 2007 Scientific Advisor: Communication. Working Group V of The Global Roundtable on Climate Change, Earth Institute, Columbia University.
- 2005 – 2007 Expert Member: Values and Ethics Working Group, The Great Transition Initiative.
- 2001 Student Delegate: 2001 World Climate Conference (COP 6.5). Bonn, Germany.
- 2000 Student Delegate: 2000 World Climate Conference (COP 6). The Hague, Netherlands.
- 1996 – 2000 Editor, *The Ecotone: The Journal of Environmental Studies*, University of Oregon.
- 1989 U.S. Ambassador: NATO "Future Leaders of the Alliance" Youth Seminar Aalborg, Denmark.
- 1988 – 1989 Michigan Senate Student Task Force on the Accessibility of Higher Education Lansing, MI.

Member of the Association of American Geographers. Specialty Groups: *Climate; Human Dimensions of Global Change; Environmental Perception and Behavioral Geography; Ethics, Justice and Human Rights*

Member of the Society for Risk Analysis. Specialty Group: *Risk Communication*

Member of the American Association for Public Opinion Research.

Outreach

- 2008 – present Director: *The Yale Roundtable on Climate Science and Journalism (journalism)*.
- 2007 – present Director: *The Visions of a Sustainable World Project*.
<http://environment.yale.edu/newconsciousness/>
- 2007 – present Publisher: *Yale Forum on Climate Change & the Media (journalism)*.
www.yaleclimatemediainitiative.org
- 2007 – present Co-organizer: *The National Conversation on Climate Action (cities)*.
www.climateconversation.org
- 2007 – present Co-sponsor: *The Roundtable on Renewable Energy and International Law (industry, government, academia, ngo's)*. <http://tinyurl.com/5s7u3h>
- 2007 – present Content Steering Committee: *The Climate Solutions Project (touring exhibition)*.
- 2007 – present Advisory Board: *The Harmony Project (entertainment industry)*.

- 2007 – present Advisory Board: The ClearVision Institute (*entertainment industry*).
- 2010 Advisory Board: *American the Best Conference*, EcoAmerica, Washington, DC.
- 2008 Co-organizer: *Governor’s Conference on Climate Change (states)*.
<http://www.yale.edu/climateleaders/>
- 2008 Co-chair: *The Public Health Response to Climate Change: Effective Health Communication and Marketing*. Center for Disease Control and Prevention and George Mason University.
- 2007 – 2008 Advisory Board: *The American Response to Climate Change Conference*, The Wild Center, NY.
- 2007 Co-sponsor: *The News Executive Roundtable on Climate Change (journalism)*.
- 2007 Co-organizer: *The Sustainable Governance Forum on Climate Risk (business)*.
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University Service

- 2010 – present Steering Committee, Yale Climate & Energy Institute, Yale University.
- 2010 – present Executive Committee, Yale Climate & Energy Institute, Yale University.
- 2008 Proposal Drafting Committee, The Yale Climate Institute, Yale University.
- 2008 Space Committee, School of Forestry & Environmental Studies, Yale University.
- 1999 Rockefeller Grant Review Committee, Center for the Study of Women and Society, University of Oregon.
- 1997 – 1999 Environmental Studies Executive Committee, University of Oregon.
- 1996 – 1997 Environmental Studies Graduate Admissions Committee, University of Oregon.
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Scholarships and Honors

- 2008 – 2009 Harmony Institute Fellowship.
- 2006 Selected Participant. Dissertation Initiative for the Advancement of Climate Change Research Symposium. Asilomar, California.
- 2004 Keynote Speaker. Environmental Studies Program Graduation Ceremony, University of Oregon.
- 1999 – 2002 University of Oregon General Scholarships (4).
- 1996 – 1997 Donald R. Barker Foundation Scholarship.
- 1996 – 1997 Nominated for University of Oregon Graduate Teaching Fellow of the Year.
- 1990 Phi Beta Kappa National Honor Society.
- 1990 Mortar Board National Honor Society.

- 1990 Golden Key National Honor Society.
- 1990 Sigma Iota Rho National Honor Society (International Relations).
- 1989 Selected Outstanding Senior of the Year by Michigan State University Senior Class Council and Michigan State University faculty.
- 1985 National Merit Scholar.
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Invited Presentations

- 2010 “Implications of a Green Economy Transition for Poverty Eradication and Sustainable Livelihoods” (Chair). Green Economy Expert Group Meeting. United Nations. Seoul, Korea.
- 2010 “Climate Change in the Public Mind.” Greening Korea 2010: Strengthening the Global Green Economy Conference. United Nations, Presidential Committee on Green Growth, and the National Research Council for Economics, Humanities, and Social Sciences. Seoul, South Korea.
- 2010 “Public Perceptions of Climate Science and Scientists.” Governing Council of the National Academy of Sciences. Woods Hole, MA.
- 2010 “Public Perceptions of Climate Science and Scientists.” Governing Board of the National Research Council. Woods Hole, MA.
- 2010 “Teachable Moments and Social Change.” The David Suzuki Foundation. Vancouver, Canada.
- 2010 “Climategate, Public Opinion, and the Loss of Trust.” Climate Change Perceptions, Risk Communication, and Public Engagement Conference. UK Economic and Social Research Council. Windsor, United Kingdom.
- 2010 “Segmentation and Climate Change Risk Perception.” Decision Research, Inc. Eugene, OR.
- 2010 “Climate Change in the American Mind.” Climate Change Science for Broadcast Meteorologists and Weathercasters Workshop. Yale Forum on Climate Change & the Media. Miami, FL.
- 2010 “Climate Change in the American Mind.” Center for Business & the Environment at Yale: Advisory Board Meeting. Yale University. New Haven, CT.
- 2010 “The Impact of Climate Change on the Inupiaq of NW Alaska.” Environmental (Dis)Locations Conference. Yale Divinity School. New Haven, CT.
- 2010 “Climate Change in the American Mind.” Yale Climate & Energy Institute Student Conference. New Haven, CT.
- 2010 “Geoengineering and Climate Change in the American Mind.” Asilomar International Conference on Climate Intervention Technologies. Asilomar, CA.
- 2010 “Climate Change in the American Mind.” 11th Hour Project. Palo Alto, CA.

- 2010 “Climate Change in the American Mind.” Climate, Mind, and Behavior Symposium. Garrison Institute, Garrison, NY.
- 2010 “Climate Literacy in the United States.” ASTC Communicating Climate Change Workshop. Ft. Lauderdale, FL.
- 2010 “Climate Literacy in the United States.” AAAS Conference on Promoting Climate Literacy through Informal Science Education. San Diego, CA.
- 2010 “Climate Change in the American Mind.” National Webinar for Interfaith Power & Light. New Haven, CT.
- 2009 “Climate Literacy in Global Perspective: Findings from the Gallup World Poll.” NOAA/NASA/NSF Side Event at Copenhagen Climate Summit (COP 15). Copenhagen, Denmark.
- 2009 “Climate Change, Energy, and the American Public.” Scientists’ Understanding of the Public: Workshop on the Risks and Benefits of Emerging Energy Technologies. American Academy of Arts and Sciences. Cambridge, MA.
- 2009 “Climate Change and Energy Savings: Attitudes, Behaviors, and Barriers in the U.S.” National Webinar for the Center for Business and the Environment at Yale. New Haven, CT.
- 2009 “Public Understanding of Climate Change.” Addressing the Challenges of Climate Change through the Social and Behavioral Sciences. U.S. National Academy of Sciences. Washington, DC.
- 2009 “The Climate Change Communication Project.” Advisory Board Meeting, Yale Center for Environmental Law & Policy. New Haven, CT.
- 2009 “Toward Copenhagen: Communicating Climate Change.” The Sacred Trust Forum on Religion and the Environment. Hartford, CT.
- 2009 “Climate Change and American Politics.” The League of Women Voters. New Haven, CT.
- 2009 “Global Warming’s Six Americas.” Briefing for the office of U.S. Senate Majority Leader Harry Reid (NV). Washington, DC.
- 2009 “Climate change in the American mind.” NASA Goddard Space Flight Center. Greenbelt, Maryland.
- 2009 “Climate change, behavior change: Leveraging social science to help reduce greenhouse gas emissions.” Briefing for the U.S. House of Representatives Subcommittee on Energy and Environment. Washington, D.C.
- 2009 “Climate Literacy in the United States.” Online presentation for the U.S. Climate Literacy Network.
- 2009 “Global Warming’s Six Americas.” Online presentation for the Climate and Energy Funders Group.
- 2009 “Climate change in the American mind.” Al Gore Summit on Behavioral Economics and Climate Change. Washington, D.C.

- 2009 “Climate change in the American mind.” The National Science Foundation, Arlington, Virginia.
- 2009 “Climate change in the public mind.” Institute for Resources, Environment, and Sustainability, University of British Columbia.
- 2009 “The Day After Tomorrow: Understanding public opinion and (in)action.” Online presentation sponsored by British Petroleum.
- 2008 “Climate change in the 2008 election.” Yale College Council. Yale University.
- 2008 “Climate change in the American mind.” Association of Science and Technology Centers Annual Conference. Philadelphia, Pennsylvania.
- 2008 “Climate change and human health.” The Public Health Response to Climate Change: Effective Health Communication and Marketing. U.S. Center for Disease Control and Center of Excellence in Climate Change Communication Research, George Mason University.
- 2008 “Mobilizing the masses.” Climate Change Think Tank, Rothbury Music Festival. Rothbury, Michigan.
- 2008 “Climate change in the American mind.” National Oceanic and Atmospheric Administration Science Advisory Board’s Climate Working Group 2008 Retreat on a National Climate Service. Vail, Colorado.
- 2008 “Climate change in the American mind.” A Meeting to Assess Public Attitudes about Climate Change, National Oceanic and Atmospheric Administration / National Aeronautics and Space Administration, Washington, D.C.
- 2008 “Climate change in the American mind.” Connecticut Climate Change Stakeholder Forum.
- 2008 “Climate change in the American mind.” Yale Interdisciplinary Risk Assessment Forum, Yale University.
- 2008 “Climate change in the American mind.” David Bradford Seminar in Science, Technology, and Environmental Policy, Princeton University.
- 2008 “Climate change, behavioral science, film and television.” The Harmony Project, Sundance Film Festival.
- 2008 “Weather and the imagination.” Philoctetes Center for the Multidisciplinary Study of the Imagination.
- 2007 “Assessing the public impact: *The Day After Tomorrow*, *An Inconvenient Truth*, and *Live Earth*.” Behavior, Energy & Climate Change Conference, Stanford University and the California Institute for Energy and Environment.
- 2007 “Climate change in the American mind.” Annual Advisory Board Meeting, Yale Center for Environmental Law and Policy, Yale University.
- 2007 “Climate change in the American mind.” School of Forestry and Environmental Studies, Yale University.
- 2007 “Climate change in the American mind.” The National Security Implications of

- Global Climate Change, Triangle Institute for Security Studies.
- 2007 “Alaskan perceptions of climate change.” Center for Research on Environmental Decisions, Columbia University.
- 2006 “Climate change in the American mind.” Congressional Briefing, Environmental Science Seminar Series, American Meteorological Society, Washington, D.C.
- 2006 “Does experience make a difference?: Alaskan risk perceptions of climate change.” Decision Center for a Desert City, Arizona State University.
- 2006 “Public environmental values.” Exploring the Boundaries of Nature: A Reflective Dialogue on the Environment, Aspen Global Change Institute.
- 2006 “Climate change detection, risk perception and behavior in Alaska and Florida.” Center for Research on Environmental Decisions, Columbia University.
- 2006 “Vicarious experience vs. scientific information in climate change risk perception and behavior.” Center for Research on Environmental Decisions, Columbia University.
- 2006 “Climate change in the American mind.” Climate Impacts Group, University of Washington.
- 2006 “Climate change in the American mind.” U.S. Department of Energy Carbon Sequestration Regional Partnership Program.
- 2005 “Climate change in the American mind.” The Environmental Policy Forum, Center for Environmental Science and Policy, Stanford University.
- 2005 “Perceptions of climate change in five countries.” Center for Research on Environmental Decisions, Columbia University.
- 2005 “Climate change and decision making in Alaska.” Center for Research on Environmental Decisions, Columbia University.
- 2005 “Climate change in the American mind.” Arctic Research Consortium of the United States Annual Meeting and Arctic Forum. Washington, D.C.
- 2004 “Affect, worldviews and American risk perceptions of climate change.” Global Warming: The Psychology of Long Term Risk. Princeton University.
- 2004 “Before and after *The Day After Tomorrow* in the United States.” Workshop on International Responses to *The Day After Tomorrow*. Potsdam Institute for Climate Impact Research, Potsdam, Germany.
- 2004 “Global values, attitudes and behaviors for sustainability.” “Where on Earth are We Going?": A symposium to honor Maurice Strong. Wesleyan University.
- 2004 “American risk perceptions of climate change.” Perspectives on Dangerous Climate Change Workshop. Tyndall Centre for Climate Change Research, University of East Anglia, United Kingdom.
- 2004 “Improving climate change communication: Know your audience.” Communicating Urgency – Facilitating Social Change: New Strategies for Climate Change. National Center for Atmospheric Research, Boulder, Colorado.

- 2002 "The ethics of global climate change." Examining Global Justice Conference. Warren Wilson College.
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Professional Presentations

- 2009 "Global Perspectives on Climate Change: Preliminary Findings from the Gallup World Poll." 2009 Behavior, Energy, and Climate Change Annual Conference. Washington, DC.
- 2009 "Global Warming's Six Americas." Association of Science & Technology Centers Annual Meeting, Fort Worth, TX.
- 2007 "Assessing the Public Impact: *The Day After Tomorrow*, *Live Earth* and *An Inconvenient Truth*." Behavior, Energy, and Climate Change Conference. Sacramento, California.
- 2007 "Climate change in the American mind." American Association for the Advancement of Science Annual Meeting. San Francisco, California.
- 2007 "Alaskan perceptions of global warming." Association of American Geographers Annual Meeting. San Francisco, California.
- 2006 "Interpretive communities of risk." Society for Risk Analysis Annual Meeting. Baltimore, Maryland.
- 2006 "Information-seeking behavior and The Day After Tomorrow" Society for Risk Analysis Annual Meeting. Baltimore, Maryland.
- 2006 "Alaskan perceptions of climate change." Association of Pacific Coast Geographers Annual Meeting. Eugene, Oregon.
- 2006 "Climate change in the American mind." Dissertation Initiative for the Advancement of Climate Change Research Symposium. Asilomar, California.
- 2005 "Climate change, vicarious experience and the social amplification of risk." Center for Research on Environmental Decisions Annual Meeting. Columbia University.
- 2004 "Climate change, vicarious experience and the social amplification of risk." Society for Risk Analysis Annual Meeting. Palm Springs, California.
- 2003 "Affective imagery and risk perceptions of global climate change." Society for Risk Analysis Annual Meeting. Baltimore, Maryland.
- 2001 "Risk perceptions of global warming." American Association of Public Opinion Research Annual Conference. Montreal, Canada.
- 2001 "Risk perceptions of global climate change." Taking Nature Seriously: Citizens, Science and Environment Conference. University of Oregon.
- 2001 "Theorizing environmental studies: Towards interdisciplinarity." Taking Nature Seriously: Citizens, Science and Environment Conference. University of Oregon.
- 2000 "Student-Industry debate." Formal debate on climate change policy with utility,

- fossil fuel and nuclear industry delegates at the World Climate Summit (COP6). The Hague, Netherlands.
- 2000 "The natures of nature: Metaphors and models." North American Interdisciplinary Conference on Environment and Community. University of Nevada-Reno.
- 1999 "Metaphors of nature." Crossing Boundaries Conference. Oregon State University.
- 1998 "The natures of nature." Environmental Studies Colloquium. University of Oregon.
- 1997 "The changing nature of Yosemite." Mesa Verde Colloquium. University of Oregon.
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Teaching Experience

- 2001 – 2003 Instructor: *Introduction to Environmental Studies: American Ideas of Nature* Environmental Studies Program, University of Oregon.
- 2001 Instructor: *The Human Dimensions of Global Climate Change* Environmental Studies Program, University of Oregon.
- 2001 Instructor: *The Human Dimensions of Global Climate Change* Department of Geography, University of Oregon.
- 1998 Instructor: *Worldviews and Nature* Environmental Studies Program, University of Oregon.
- 1997 – 2003 Graduate Teaching Fellow: Department of Geography, University of Oregon. *Views of the Environment; Environmental Alteration; Geography of the Middle East; Introduction to Cultural Geography.*
- 1997 – 1998 Graduate Teaching Fellow: Environmental Studies Program, University of Oregon. *Environmental Ethics; Ecological Dimensions of Perception and Language; Experiencing and Expressing Place; Environment and the Social Sciences; Environment and the Natural Sciences; Environment and the Humanities.*
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Guest Lectures

- 2009 "Climate Change in the American Mind." *Global Environmental Governance*, Program in Science, Technology, and Environmental Policy, Woodrow Wilson School, Princeton University and New York University School of Law.
- 2008 "Climate Change in the American Mind." *Climate Change: Scientific Basis, Policy Implications*, Geosciences Department, Princeton University.
- 2008 "Public Opinion and Climate Policy." *Global Environmental Governance*, Program in Science, Technology, and Environmental Policy, Woodrow Wilson

- School, Princeton University.
- 2008 “Climate change and global justice.” *Topics in Environmental Justice*, School of Forestry & Environmental Studies, Yale University.
- 2006 “Do global attitudes and behaviors support sustainable development?” *Population and the Environment*, Geography Department, University of Oregon.
- 2006 “Global attitudes towards sustainability and globalization.” *A Delicate Balance*, Environmental Studies Department, Green Mountain College.
- 2006 “The future is now: Global warming in Alaska.” *Images of Nature*, Environmental Studies Department, Green Mountain College.
- 2005 “Global warming in the American mind.” *Climate and Society: A multidisciplinary approach*, Rosenstiel School of Marine and Atmospheric Science, University of Miami.
- 2005 “Survey research as a tool for environmental decision-making.” *Tools for Environmental Decision-Making: The Human Perspective*, Center for Ecosystem Science and Policy, University of Miami.
- 2004 “Experiential vs. analytic processing of global climate risks.” *Decision Making*, Psychology Department, University of Oregon.
- 2002, 2003 “The human dimensions of global climate change.” *Global Environmental Change*, Geography Department, University of Oregon.
- 2002 “Equity issues in global climate change.” *Special Studies: Globalization*, Environmental Studies Program, University of Oregon.
- 2001, 2002 “Climate change: Causes, impacts and solutions.” *Introduction to Environmental Studies: The Social Sciences*, Environmental Studies Program, University of Oregon.
- 2001 “Affective imagery, framing and climate change.” *Environmental Studies: Senior Seminar*, Lewis and Clark College.
- 2001 “Global warming and the University of Oregon.” *Greening the Campus*, Environmental Studies Program, University of Oregon.
- 2001 “Bringing global warming down to earth.” *Environmental Cosmology*, Environmental Studies Program, University of Oregon.
- 1998 “The breath of life: Air in cultural context.” *Ecological Dimensions of Perception and Language*, Environmental Studies Program, University of Oregon.
- 1997 “Introduction to environmental ethics.” *Introduction to Environmental Studies: The Social Sciences*, Environmental Studies Program, University of Oregon.
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Advising

Post-Doctoral Fellow

Nicholas Smith (Yale University)

Doctoral Students

Jennifer Gaddis (Yale University)

Katherine Doherty (Antioch University)

Lucy Michaels (Ben Gurion University, Israel)

Ezra Markowitz (University of Oregon)

Masters Students

Darcy Dugan (Yale University)

John Chung En-Liu (Yale University)

Philip Solomon Hart (University of Oregon)

Roberto DeBono (University of Malta)

References

Available upon request.