

Ezra M. Markowitz

emarkowitz@eco.umass.edu | www.ezramarkowitz.com | 413.545.1237

Assistant Professor of Environmental Decision-Making
Department of Environmental Conservation
University of Massachusetts Amherst
Amherst, MA 01003

Education

- 2012 **Ph.D.** Environmental Sciences, Studies & Policy. University of Oregon.
Dissertation: Affective and moral roots of environmental stewardship:
The role of obligation, gratitude and compassion
- 2008 **M.S.** Psychology. University of Oregon.
Thesis: Did you just see that? Making sense of environmentally relevant behavior
- 2007 **B.A.** Psychology. Vassar College.

Appointments

- 2014- **Assistant professor.** University of Massachusetts Amherst.
2013-2014 **Postdoctoral research fellow.** Earth Institute. Columbia University.
2013-2014 **Visiting postdoctoral research associate.** PIIRS. Princeton University.
2013-2014 **Fellow.** FrameWorks Institute. Washington, DC.
2012-2013 **Postdoctoral research associate.** PIIRS. Princeton University.
2011-2012 **Scholar-in-residence.** School of Communication. American University.

Professional Experience

- 2014- **Technical advisor.** PolicyInteractive. Eugene, OR.
2012-2014 **Consultant.** FrameWorks Institute. Washington, DC.
2008-2013 **Senior staff.** PolicyInteractive. Eugene, OR.
2012-2013 **Consultant.** ecoAmerica. Washington, DC.
2010-2012 **Gallup research scholar.** Gallup. Princeton, NJ.
2010-2011 **Director.** Campus Conservation Corps. University of Oregon.
2008-2009 **Graduate intern.** Institute for a Sustainable Environment. Eugene, OR.

Teaching Experience

- 2014 Environmental Decision-Making, NRC 597ED. UMass Amherst.
2010 Psychology of Climate Change, ENV5 411. University of Oregon.

Grants

- 2014 "Early career climate communications and networking" (\$75,000).
Northeast Climate Science Center, USGS. (Awarded)
- 2014 "Organizational decision-making for sustainability: Translating research
into climate action" (\$80,000). National Science Foundation. (Submitted)
- 2014 "Understanding and informing family forest owner decisions of
intergenerational land transfer to ensure working forested landscapes"
(\$500,000). National Institute of Food and Agriculture, USDA. (Awarded)
- 2014 "Can farmers help diminish groundwater depletion? Tensiometer adoption
in Punjab, India" (\$31,940). Earth Institute Cross-Cutting Initiative Grant,
Columbia University. (Awarded)
- 2011 "Looking back to think ahead: Intergenerational reciprocity in the face of
future climate change" (\$3,000). Institute of Cognitive and Decision
Sciences Seed Grant, University of Oregon. (Awarded)
- 2007 "Testing the efficacy of ambiguous-unambiguous message presentation
techniques in behavior modification" (\$120,000). Graduate Research
Fellowship, National Science Foundation. (Awarded)

Awards, Honors, Scholarships

- 2014-2015 **Next Generation Hazards & Disasters Fellow.** NSF
2014-2015 **Civic Engagement & Service Learning Fellow.** UMass Amherst.
2013 **DISCCRS VIII Symposium** (invited, attended). DISCCRS.org.
2012 **Outstanding student paper award.** Amer. Psych. Assoc. Divisions 9 & 34.
2011 **Best paper award.** 9th Biennial Conference on Environmental Psychology.
2011 **Betty Foster McCue Dissertation Fellowship.** University of Oregon.
2011 **Marthe E. Smith Memorial Science Scholarship.** University of Oregon.
2011 **Gregores Graduate Student Award.** University of Oregon.
2007-2012 **Donald and Coeta Barker Foundation Awards.** University of Oregon.
2010 **Clarence & Lucille Dunbar Scholarship.** University of Oregon.
2007-2012 **National Science Foundation Graduate Research Fellowship.** NSF.

Journal and Chapter Publications

- Grasso, M. & Markowitz, E.M. (In press). The moral complexity of climate change and the need for a multidisciplinary perspective on climate ethics. *Climatic Change*.
- Zaval, L., Markowitz, E.M., & Weber, E.U. (In press). How will I be remembered? Conserving the environment for legacy's sake. *Psychological Science*.
- Nisbet, M.C. & Markowitz, E.M. (in press). Experts in an age of polarization: Evaluating scientists' engagement with politics and civic life. *Annals of the American Academy of Political and Social Science*.
- Nisbet M.C. & Markowitz E.M. (2014). Understanding public opinion in debates over biomedical research: Looking beyond political partisanship to focus on beliefs about science and society. *PLoS ONE 9*(2).
- Corner, A., Markowitz, E.M., Pidgeon, N. (2014). Public engagement with climate change: The role of human values. *WIRE Climate Change*.
- Markowitz, E.M., Slovic, P., Vastfjall, D. & Hodges, S.D. (2013). Compassion fade and the challenge of environmental conservation. *Judgment & Decision Making, 8*, 397-406.
- Howe, P.D., Markowitz, E.M., Lee, T., Ko, C., Leiserowitz, A. (2013). Global perceptions of local temperature change. *Nature Climate Change, 3*, 352-356.
- Markowitz, E.M. & Bowerman, T. (2012). How much is too much? Examining the public's beliefs about consumption. *Analyses of Social Issues and Public Policy, 12*, 167-189.
- Bowerman, T. & Markowitz, E.M. (2012). The attitude-action gap: Toward a better understanding of "how much is enough." *Analyses of Social Issues and Public Policy, 12*, 230-238.
*Response to invited commentary on Markowitz & Bowerman (2012, ASAP).
- Nisbet, M.C., Markowitz, E.M., Kotcher, J.E. (2012). Winning the climate change conversation: Framing and moral messaging in public campaigns. In L. Ahern & D.S. Bortree (Eds.), *Talking green: Exploring contemporary issues in environmental communications*. New York: Peter Lang.

Yang, Y. & Markowitz, E.M. (2012). Direct and indirect effects of parental attitudes on children's active school travel: Evidence from a community sample. *Transportation Research Record, No. 2318*.

Markowitz, E.M. (2012). Is climate change an ethical issue? Exploring young adults' beliefs about climate and morality. *Climatic Change, 114*, 479-495.

Markowitz, E.M., Goldberg, L.R., Ashton, M.C. & Lee, K. (2012). Profiling the 'pro-environmental individual': A personality perspective. *Journal of Personality, 80*, 81-111.

Markowitz, E.M. & Malle, B.F. (2012). Did you just see that? Making sense of environmentally relevant behavior. *Ecopsychology, 4*, 37-50.

Markowitz, E.M. & Shariff, A.F. (2012). Climate change and moral judgment. *Nature Climate Change, 2*, 243-247.

Swim, J., Markowitz, E.M., & Bloodhart, B. (2012). Psychology and global climate change. In S. Clayton (Ed.), *The Oxford Handbook of Environmental Psychology*. New York, NY: Oxford University Press.

Trumbetta, S.T., Markowitz, E.M., Gottesman, I.I. (2007). Marriage and genetic variation across the lifespan: Not a steady relationship? *Behavior Genetics, 37*, 362-375.

Markowitz, E.M., Willemsen, G., Trumbetta, S.L., van Beijsterveldt, T.C.E.M., Boomsma, D.I. (2005). The etiology of mathematical and reading (dis)ability covariation in a sample of Dutch twins. *Twin Research and Human Genetics, 8*, 585-593.

Publications Under Review and In Prep

Lee, T., Markowitz, E.M., Leiserowitz, A., Howe, P., & Ko, C. (Revise & Resubmit). Global disparity in the predictors of public climate change awareness and risk perceptions. *Nature Climate Change*.

Markowitz, E.M., Jamieson, D. & Grasso, M. (Under review). Climate ethics: Where do we go from here?

MacInnis, B., Howe, L., Krosnick, J.A., Markowitz, E.M., & Socolow, R. (In prep). The impact of acknowledging bounded and unbounded uncertainty on persuasion: The case of scientific uncertainty and global warming.

Markowitz, E.M., Shariff, A.F., & Hodges, S.D. (In prep). Who cares about the future? Those who feel grateful towards the past.

Other Publications and Reports

Markowitz, E.M., Hodge, C., Harp, G. (2014, December). Connecting on climate: A guide to effective climate change communication. Report written with ecoAmerica and Center for Research on Environmental Decisions, Columbia University.

Markowitz, E.M. (2013, May). Efficacy: A brief overview with an eye towards implications and measurement. White paper commissioned by FrameWorks Institute.

Nisbet, M.C., Markowitz, E.M., Hestres, L., & Payne, A. (2012, July). Innovations in mobilization and communications: A case study analysis. Report commissioned by ecoAmerica/MomentUs.

Nisbet, M.C., Markowitz, E.M., Hestres, L., & Payne, A. (2012, July). Policy reform: A case study analysis. Report commissioned by ecoAmerica/MomentUs.

Nisbet, M.C., Markowitz, E.M., Hestres, L., & Payne, A. (2012, July). Public participation and social change: Literature review to inform climate campaigns. Report commissioned by ecoAmerica/MomentUs.

Markowitz, E.M. (2012, June). Why few Americans view climate change as a moral problem. Age of Engagement Blog, guest post.

Markowitz, E.M. & Shariff, A.F. (2012, October). Climate change and the human moral judgment system. *Climate Policy & Science* (online).

Markowitz, E.M. (2010). Exploring Oregonians' beliefs about consumption and climate change: Is there common ground after all? *Ecotone*.

Markowitz, E.M., Clement, M.T., & Bowerman, T. (2009). Are environmental sociologists looking at reducing consumption? *Environment, Technology and Society Newsletter, Fall*, 6-7.

Markowitz, E.M. & Doppelt, R. (2009). Reducing greenhouse gas emissions through behavioral change: An assessment of past research on energy use, transportation and water consumption. Published online, *Climate Leadership Initiative*.

Special Issues Convened

Multi-disciplinary perspectives on climate ethics. Guest editor with Marco Grasso, issue to be published early 2015 in *Climatic Change*.

Conferences, Symposia and Panels Organized

Sustainability Psychology Pre-Conference. (2015, February). Pre-conference to be held (accepted) at Society for Personality and Social Psychology annual conference. Lead organizer.

Media savvy psychologists: Work with the press so they say what you mean, and you mean what you say. (2014, August). Panel session convened at American Psychological Association Annual Convention. Co-chaired with Jerri Lynn Hogg (Fielding Graduate University).

Sustainability Psychology Pre-Conference. (2014, February). Pre-conference held at Society for Personality and Social Psychology annual conference. Co-organized with Cindy Frantz (Oberlin), Alex Maki (University of Minnesota), Sandra Rodegher (Arizona State) and Vera Colaco (Lisbon).

Multi-disciplinary perspectives on climate ethics. (2013, September). Workshop co-organized and convened with Marco Grasso (University of Milan-Bicocca), held in Como, Italy.
*30 person, two-day workshop involving leading and emerging scholars across five primary domains of climate ethics research: Philosophy, Law, Psychology, Economics and Political Science.

Communicating climate science: Psychological challenges and opportunities. (2013, August). Symposium session held at American Psychological Association Annual Convention. Co-chaired with Beth Karlin (University of California, Irvine).

Psychological factors shaping the perception of climate change. (2012, August). Symposium session held at American Psychological Association Annual Convention. Co-chaired with Peter Howe (Pennsylvania State University).

Bringing psychology into ESS (Environmental Studies and Sciences). (2010, June). Multiple-session symposium held at the Association for Environmental Studies and Sciences 2010 Conference. Co-organized with Joel Nigg (Oregon Health and Sciences University) and Christine Manning (Macalester College).

Interdisciplinary perspectives on climate change. (2010, April). Panel discussion held at the University of Oregon First Annual Graduate Research Forum.

Conference Presentations and Invited Lectures

Markowitz, E.M. (2015, January). Putting the cart before the horse: Effective climate change communication starts with people, values and solutions. Invited lecture. Georgetown University, Washington, DC.

St. John, C., Markowitz, E.M., Marx, S. (2014, December). *Using Social Science Research to Inform and Improve the Practice of Climate Change Communication*. Oral presentation. Meeting of the American Geophysical Union, San Francisco, CA.

Markowitz, E.M. (2014, August). *Presenting a new guide to climate change communication*. Invited talk. American Psychological Association annual convention, Washington, DC.

Markowitz, E.M. (2014, June). *Climate change communication: Where do we go from here?* Invited lecture. Stony Brook-Millstone Watershed Association, Pennington, NJ.

Fox-Glassman, K., Markowitz, E.M., Sisco, M. (2014, May). *Decision architecture matrix: An interactive tool for assessing decision architecture tools across domains*. Center for Research on Environmental Decisions annual meeting, New York, NY.

Zaval, L. & Markowitz, E.M. (2014, May). *How will I be remembered? Conserving the environment for legacy's sake*. Center for Research on Environmental Decisions annual meeting, New York, NY.

Markowitz, E.M. (2014, May). *Communicating scientific uncertainty: Implications for citizen engagement with emerging issues*. Public Communication of Science and Technology 2014 International Conference, Salvador, Brazil.

Markowitz, E.M. (2014, April). *An overview of environmental decision-making: Implications for corporate sustainability*. Invited speaker. Business for Social Responsibility, New York.

Markowitz, E.M. (2014, April). *Extending the present into the future: New tools to promote conservation*. Invited speaker. Earth Institute Symposium, New York, NY.

Markowitz, E.M. (2013, November). *Communicating uncertainty to an uncertain public: Effects on climate change engagement*. Invited panelist. 2013 Psychonomic Society Annual Meeting, Toronto, Canada.

Markowitz, E.M. (2013, June). *Positive psychological perspectives on the challenge of reducing humanity's global ecological footprint*. Invited panelist. World Congress on Positive Psychology, Los Angeles, California.

Markowitz, E.M. (2013, June). *Developing successful research-based environmental communications campaigns*. Invited panelist. Conference on Communication and Environment, Uppsala, Sweden.

Markowitz, E.M. (2013, March). *Efficacy, emotion and persuasive communication*. Invited lecture. FrameWorks Institute annual meeting (Manhattan Beach, CA).

Markowitz, E.M. (2013, February). *Communicating climate change to an uncertain public: Where do we go from here?* Invited lecture. University of Tennessee at Knoxville.

Markowitz, E.M. (2013, January). *Six challenges facing the field of sustainability psychology*. Society for Personality and Social Psychology Conference Sustainability Psychology Pre-conference, New Orleans, LA.

Markowitz, E.M. (2012, October). *Communicating 'uncertainty' to an uncertain public*. Invited lecture. Princeton University.

Markowitz, E.M. (2012, October). *The psychology of climate change: A brief introduction*. Invited lecture. Princeton University.

Markowitz, E.M., Lee, T.M., Howe, P.D., Ko, C., & Leiserowitz, A. (2012, August). *Who worries about climate change? A cross-national, multilevel study*. American Psychological Association Annual Convention, Orlando, FL.

Markowitz, E.M. (2012, July). *Climate change and the human mind: Psychological barriers and opportunities*. Society for Conservation Biology North America Congress, Oakland, CA.

Markowitz, E.M. (2012, June). *Who cares about the future? Those with an eye towards the past*. Society for the Psychological Study of Social Issues Biennial Conference, Charlotte, NC.
*Best student paper award.

Markowitz, E.M., Slovic, P., Vastfjall, D., Hodges, S.D. (2012, January). *Are pandas like people? Compassion collapse in the environmental domain*. Society for Personality and Social Psychology Conference Sustainability Psychology Pre-conference, San Diego, CA.

Markowitz, E.M. (2012, January). *Climate change and the human moral judgment system: Psychological challenges and opportunities*. Invited lecture. University of California, Irvine, School of Social Ecology, Irvine, CA.

Markowitz, E.M. (2011, November). *“Of pandas and people”: Examining the role of affect in environmental decision making*. Invited lecture. Pennsylvania State University, Department of Psychology, State College, PA.

Markowitz, E.M., Slovic, P., Vastfjall, D., Hodges, S.D. (2011, November). *Are pandas like people? Compassion collapse in the environmental domain*. Poster presented at Society for Judgment and Decision Making 32nd Annual Conference, Seattle, WA.

Markowitz, E.M., Slovic, P., Vastfjall, D., Hodges, S.D. (2011, September). *Are pandas like people? Compassion collapse in the environmental domain*. Biennial Conference on Environmental Psychology, Eindhoven, Holland.
*Best conference paper award.

Markowitz, E.M. (2011, April). *Is climate change an ethical issue? Moral philosophy, psychology and climate ethics*. Society for Human Ecology Conference, Las Vegas, NV.

Markowitz, E.M. (2011, January). *Is climate change an ethical issue? Examining young adults' beliefs about climate and morality*. Society for Personality and Social Psychology Conference 'Justice & Morality' Pre-Conference, San Antonio, TX.

Markowitz, E.M. & Hodges, S.D. (2011, January). *When does ideology matter? Exploring relationships among beliefs about climate change*. Poster presented at Society for Personality and Social Psychology Conference, San Antonio, TX.

Yang, Y. & Markowitz, E.M. (2010, October). *Effects of parent environment and travel attitude on children's active school travel*. Association of Collegiate Schools of Planning 2010 Annual Conference, Minneapolis, MN.

Nigg, J., Markowitz, E.M. & Swim, J. (2010, June). *What psychological angles on climate change should be pursued?* Association for Environmental Studies and Sciences 2010 Conference, Portland, OR.

Markowitz, E.M. (2010, June). *Finding a place for psychology in the environmental studies and sciences curricula*. Association for Environmental Studies and Sciences 2010 Conference, Portland, OR.

Markowitz, E.M. (2010, April). *Psychological perspectives on climate change: A brief introduction*. University of Oregon Graduate Research Forum, University of Oregon, Eugene.

Markowitz, E.M. & Hodges, S.D. (2010, January). *What do you think about climate change? Social psychological influences on belief formation*. Poster presented at Society for Personality and Social Psychology Conference, Las Vegas, NV.

Markowitz, E.M. & Malle, B.F. (2009, February). *Did you just see that? Explanation and detection of environmentally relevant behaviors*. Poster presented at Society for Personality and Social Psychology Conference, Tampa, FL.

Markowitz, E.M. & Malle, B.F. (2008, May). *Did you just see that? Recognizing environmental behaviors in others*. Joint Campus Conference, Oregon State University, Corvallis.

Professional & University Service

2014-2015 **Awards committee chair**. American Psychological Association Division 34.
 2013-2016 **Member-at-large**. American Psychological Association Division 34.
 2013-2016 **Steering committee**. SPSP Sustainability Psychology preconference.
 2013-2014 **Programming committee**. APA Division 34 2014 Convention.

Ad hoc reviewer

Analyses of Social Issues and Public Policy
Conservation Letters
Environment & Behavior
European Journal of Social Psychology
Human Ecology Review
Journal of Personality
Personality and Social Psychology Bulletin
Social Cognition

Climatic Change
Ecopsychology
Ethics, Policy & Environment
Global Environmental Change
Journal of Environmental Psychology
J. of Social & Political Psychology
Nature Climate Change
topics

Professional Memberships

2012- Society for Conservation Biology.
2009- Association of Environmental Studies and Sciences.
2008- American Psychological Association.
2008- Society for Personality and Social Psychology.
2008- APA Division 34 (Environmental, Population & Conservation Psychology).