

**Bridging Divides: Spaces of Scholarship  
and Practice in Environmental Communication  
The 2015 Conference on Communication and Environment**

**Thursday, June 11**

**08:30 – 15:00 • Pre-Conference Workshop**

Pre-conference Workshop, Environmental Communication and Resilient Communities (John Ackerman, Bruce Goldstein, Bridie McGreavy, Leah Sprain) [separate registration required]

**Various times • Pre-Conference Excursions**

**14:00 • Registration opens**

**16:00 – 17:30 • Opening Keynote Encounter (UMC Glenn Miller Ballroom)**

Heather Ackroyd and Dan Harvey (Artists)

**17:30 • Welcome Reception**

# Friday, June 12

## 9:00-10:30 • Keynote Encounter (UMC Glenn Miller Ballroom)

Susanne Moser (Susanne Moser Research and Consulting)

## 10:30-11:00 • Break

## 11:00-12:30 • Session A

UMC 210 (Center Ballroom)	UMC 208 (West Ballroom)	UMC 212 (East Ballroom)	UMC 245	UMC 382	UMC 384	UMC 386
<b>1: Teaching sustainability: Education in action</b> Chair: Julie Doyle (U. of Brighton)	<b>2: Rediscovering querencia: Narratives of displacement and dwelling in ecocultural scholarship from the American Southwest</b> Chair: Jeff Hoffman (U. of New Mexico)	<b>3: Communicating Disaster and Risk</b> Chair: Max Boykoff (U. of Colorado Boulder)	<b>4: Collaborative Resilience Assessment: theory and Practice</b> Chair: Bruce Goldstein (U. of Colorado Boulder)	<b>5: Art, imagery and performance: Diversifying communication contexts</b> Chair: Phaedra Pezzullo (Indiana U.)	<b>6: Representing the 'Wild'</b> Chair: Anne Marie Todd (San Jose State U.)	<b>7: Communicating / Questioning Health and Toxicity</b> Chair: Lee Ahern (Penn State U.)
<b>Why won't these students recycle? Making recycling a student priority.</b> Sheryl Cunningham, Nathan Dillahunt (Wittenberg U.)	<ul style="list-style-type: none"> <li>• Jeff Hoffman (U. of New Mexico)</li> <li>• Tema Milstein (U. of New Mexico)</li> <li>• Mariko Thomas (U. of New Mexico)</li> <li>• Maggie Siebert (U. of New Mexico)</li> <li>• Jose Castro (U. of New Mexico)</li> <li>• Melissa Parks (U. of New Mexico)</li> </ul>	<b>Risk, Failure, and Hazard Narratives in Local Media Coverage of Natural Disasters: Can We Learn from our Mistakes?</b> Deserai Anderson Crow, Elizabeth A. Koebele, Lydia A. Dixon, Juhi Z. Huda, John Berggren, Adrienne Kroepsch, Rebecca Schild (U. of Colorado Boulder)	<b>The Practice and Possibilities of Collaborative Resilience Assessment</b> Bruce Goldstein, Leah Sprain (U. of Colorado Boulder)	<b>"It gets tricky." Examining conservation photography as environmental communication.</b> Elizabeth Schwarz (U. of California-Riverside)	<b>Pain and Murder as Voice: Understanding Alternative Symbolics Through the "Blackfish Effect"</b> Julie Schutten, Caitlyn Burford (Northern Arizona U.)	<b>Integrating Disciplinary Approaches: Applying New Media Health Intervention Strategies to Environmental Communication</b> Jessica Willoughby (Washington State U.), Hollie Smith (U. of Rhode Island)
<b>Intergenerational learning for sustainability: Bridging divides across generations</b> Brandon Hollingshead (Florida Gulf Coast U.)		<b>Encountering remediated landscapes: The divided risk society subject</b> Tom Bowers (Northern Kentucky U.)	<b>Simplifying resilience: Reflections on the use of metrics and assessments</b> Allyson Quinlan (Resilience Alliance)	<b>At Last Which Thrives: 3D Printing Native Plants Significant to a Region</b> Darlene Farris-LaBar (Artist and East Stroudsburg U.)	<b>Searching National Geographic</b> Lyn McGaurr (U. of Tasmania)	<b>Species Boundaries in Genetic Engineering: The Case of Aedes Aegypti and Dengue Fever</b> Molly Hartzog (North Carolina State U.)
<b>Certificate Sustainability &amp; Journalism: Case Study of a Pilot Continuing Education Program for Journalists</b> Daniel Fischer, Robin Marwege, Gerd Michelsen (Leuphana U. Lüneburg)		<b>Collective memories of Chernobyl in Gävle, Sweden</b> Eva Aasen Ekstrand (U. of Gävle)	<b>Putting community fire adaptation into practice</b> Molly Mowery (Wildfire Planning International), Sarah McCaffrey (US Forest Service)	<b>Puppetry and the Personification Paradox: Building Bridges with/in Public Art, Ecological Education, and Environmental Advocacy</b> Jonathan Gray (Southern Illinois U.)	<b>We are the walrus</b> Clive desire-tesar (WWF)	<b>Worldly Encounters: Microbes-Humans-Milieus</b> Andrea Nunez Casal (Goldsmiths, U. of London)
<b>Sustainability in Prisons Project: Shifting Public Perceptions of Incarceration through Science and Sustainability Initiatives</b> Kelli Bush, C. Leroy, D. Pacholke, J. Trivett, C. Elliott (The Evergreen State C.)		<b>Photography's Time Lag: Challenging the Pastness and Passivity of Photography in the Representation of Climate Change and Other Environmental Disasters</b> Julia Peck (U. of Roehampton, London)	<b>Exploring the dynamics of agroecological transitions: a case study from Cornwall and Devon, UK</b> Tom James (U. of Exeter)	<b>Between dread and delight: artistic renderings of climate change futures</b> Joanna Nurmis (U. of Maryland)	<b>Environmental Epideixis: Rhetorics of Scale and Magnitude in Chasing Ice</b> James McGuffey (Indiana U.)	<b>Transparency at a chemical manufacturing plant: Toward a theory of sustainable leadership</b> Ann Jabro (Robert Morris U.)
<b>Ecological Communication: Bridging Media Ecology and Environmental Communication</b> Mary Walch (Florida Gulf Coast U.)		<b>Risk symbolism, decision-making and wildfires</b> Ron Steffens (Green Mountain C.)		<b>Virtual worlds and real-world concern</b> Jennifer England (New Mexico State U.)		<b>"Toxic Trespass": Breaking the Law for an Unfractured Future</b> Kathleen de Onis (Indiana U.)

**12:30 - 14:00 • Lunch (UMC Glenn Miller Ballroom)**

**14:00-15:30 • Session B**

UMC 210 (Center Ballroom)	UMC 208 (West Ballroom)	UMC 212 (East Ballroom)	UMC 245	UMC 382	UMC 384	UMC 386
<b>8: Becoming Resilient: Frames, Practices, and Biopower</b> Chair: Bridie McGreavy (U. of Maine Orono)	<b>9: Bridging environmental journalism practice, research and education: Current state and mapping future directions</b> Chair: Bruno Takahashi (Michigan State U.)	<b>10: Government Communication with the Public on Engendering Support for Initiatives</b> Chair: Dale Miller (U. of Colorado Boulder)	<b>11: Building Bridges Between the Environmental Movements and Other Causes (workshop)</b>	<b>12: Environmental education: Constructing disciplines, contesting practices</b> Chair: Laura Lindenfeld (U. of Maine)	<b>13: Food Matters: Agriculture, sustainability and communication</b> Chair: Nadarajah (Sri) Sriskandarajah (Swedish U. of Agricultural Sciences)	<b>14: Cultivating and Communicating Crisis in Ecopoetics (ASLE sponsored panel)</b> Chair: Kristin George Bagdanov (Colorado State U.)
<b>Marking Time through Residual Design</b> John Ackerman (U. of Colorado Boulder)	<b>Pedagogical Perspectives in Environmental Journalism</b> Eric Freedman, Dave Poulson (Michigan State U.), Tom Yulsman, Michael Kodas (U. of Colorado Boulder)	<ul style="list-style-type: none"> <li>Jonathan Koehn, Regional Sustainability Coordinator at City of Boulder</li> <li>Susie Strife, Sustainability Coordinator, Boulder County</li> <li>Will Toor, Director, Transportation Programs, Southwest Energy Efficiency Project (SWEET)</li> </ul>	Carrie Freeman (Georgia State U.)	<b>Teaching and practice of Environmental Communication in Brazil: notes from a field under construction in University</b> Myrian Del Vecchio de Lima, Eloísa Belling Loose, Aparecida de Fátima Nogarolli (Federal U. of Paraná)	<b>The Meme is the Message</b> Judith Friedlander, Chris Riedy (U. of Technology, Sydney)	<b>The Anthropocenic Crisis in Contemporary Ecopoetics</b> Kristin George Bagdanov (Colorado State U.)
<b>Climate Justice and Naderev Yeb Saño on Resilience and Resistance</b> Phaedra Pezzullo (Indiana U.)	<b>Research Priorities and Gaps in Environmental and Science Journalism</b> Bruno Takahashi, Eric Freedman (Michigan State U.)		<b>Is media literacy a lost cause?</b> Gabriele Hadl (Kwansei Gakuin U.)	<b>Local Food Verification and Community-Centered Food Literacy</b> Veronica House (U. of Colorado Boulder)	<b>Depictions of Environmental Crisis in William Carlos Williams's Paterson</b> Sarah Nolan (U. of Nevada)	
<b>Climate Change, Memory, and Resilience</b> Bridie McGreavy (U. of Maine Orono)	<b>Reliance on Generalists as Environment and Science Reporters in Today's Newsrooms, and the implications of this Trend</b> Deserai Crow, J. Richard Stevens (U. of Colorado Boulder)		<b>Journalists as climate change generalists. A viable model for journalism education?</b> Andreas Ytterstad (Goldsmiths, U. of London)	<b>Patriotic Produce: Produce Gardens as symbols of Civic Republicanism</b> Barbara Willard (DePaul U.)	<b>Touch, Not Sight: Touch Perception in Aristotle's DeAnima and Touch Imagery in Forrest Gander's Poetry</b> Gracie McCarroll (Colorado State U.)	
<b>Resilience as Constituent to Biopower</b> Nathan Stormer (U. of Maine Orono)	<b>Working as an Environmental Journalist Today: Experiences, Limitations, and Trends</b> Laura Frank (INews), Susan Moran (Freelance Journalist)		<b>Marketing Thornton Burgess</b> Peter Oehlkers (Salem State U.)	<b>The role of communication in scaling up sustainable development in Zambia: COMACO's Farm Talk</b> Carrie Young, Katherine McComas (Cornell U.)		

**15:30-16:00 • Break**

**16:00 - 17:30 • Session C**

UMC 210 (Center Ballroom)	UMC 212 (East Ballroom)	UMC 245	UMC 382	UMC 384	UMC 386
<b>15: Environmental Voice Across Divides</b> Chair: Marilyn DeLaure (U. of San Francisco) Respondents: Jennifer Peeples, Steve Depoe	<b>16: Creating Actionable Solutions to Wicked Problems through Collaborative Environmental Communication Research</b> Chair: Caroline Druschke (U. of Rhode Island)	<b>17: Communicating Sustainable Business and Business Practices</b> Chair: Dale Miller (U. of Colorado Boulder)	<b>18: Youth: Environmental Education and Engagement</b> Chair: Gesa Ludecke (U. of Colorado Boulder)	<b>19: Marketing and Organization Matters</b> Chair: Mark Meisner (The IECA)	<b>20: Attachments to place: Exploring environmental contestation and change</b> Chair: Libby Lester (U. of Tasmania)
<b>Cultural Foundations of Environmental Communication</b> Donal Carbaugh, (U. of Massachusetts)	<b>Building Systemic Institutional Capacity to Align Research with Policy and Decision Making</b> Laura Lindenfeld, Bridie McGreavy (U. of Maine)	<ul style="list-style-type: none"> <li>Beth Hartman, Project Manager, Clean Energy Incubator Network at EPRI</li> <li>Sarah Howie, Senior Analyst, Customer Experience and Marketing at E Source</li> <li>Dan Powers, Executive Director, Boulder Tomorrow</li> <li>Carly Rixham, Director, American Solar Energy Society</li> </ul>	<b>Effective means of communication for children and youth to have a voice in environmental decisions in their city</b> Simge Yilmaz, Victoria Derr (U. of Colorado Boulder, Middle East Technical U., & Mersin U.)	<b>Who Cares?: Constructing Women's Environmentalism in Green Marketing</b> Cara Okopny (American U.)	<b>Milltown Voices: A Case Study Utilizing Life Narrative Inquiry to Interrogate Relationships of 3 Gens to Environment/Place</b> Courtney Johnson-Woods (Clarkson U.)
<b>"Ma'iingan is our brother": An Ojibwe way of speaking about wolves</b> Tovar Cerulli (U. of Massachusetts)	<b>On Behalf of a Rhetorical Relational Approach to "Wicked Problems"</b> erin daina mcclellan (Boise State U.)		<b>Outside Your Door: Young Producers Bridge the Divide between Urban Youth and Public Lands</b> Nancy Reist, Kristen Pozzoboni, Nina S. Roberts, & Tanvi Sikand (San Francisco State U.)	<b>Coping with Sustainability: what behaviors during eco-innovation implementation are most likely to be viewed as resistance</b> Mary Beth Deline (Cornell U.)	<b>Place attachment and interest in bioenergy information, information seeking, and support for community investment</b> James T. Spartz, Bret R. Shaw, Mark Rickenbach (Unity C.)
<b>Absence of Latino/a Community Voice in Agriculture Reporting</b> Sandra Robinson, Patrick Belanger (California State U.)	<b>Iterative Communication and Ecological Success: Lessons from Public Engagement with Aquatic Restoration</b> Caroline Druschke (U. of Rhode Island), Kristen Hychka (U.S. EPA)		<b>Youth Global Warming Leadership: Influence of Personal and Parent Beliefs and School Exposure</b> June A. Flora (Stanford U.), Connie Roser-Renouf (George Mason U.)	<b>Celebrating the Green Corporation or Greenwashing It? An Epideictic Analysis of Corporate Sustainability Reports</b> Jeff Courtright, Peter M. Smudde (Illinois State U.)	<b>New Rig on the Block: Discourses of Energy Production/Consumption and Earth Surface/Subsurface in Colorado</b> Adrienne Kroepsch (U. of Colorado Boulder)
<b>Sustainable Advocacy: Voice for and Before Intergenerational Audiences</b> Jessica M. Prody (St. Lawrence U.) Brandon Inabinet (Furman U.)	<b>Engaging Ambience in the Technological Milieu</b> Tyler Quiring (U. of Maine)		<b>Developing the Collective Fantasy of Environmental Inclusion Through Colloquium</b> Emily Goldstein (Florida Gulf Coast U.)	<b>B(e)aring the Burden of Representation: Marine Masculinity Confronts Breast Cancer Awareness</b> Katie Lind (Indiana U.)	<b>"Just a Step from City to Country": Rhetoric of Environmental Change in the Valley of Heart's Delight</b> Anne Marie Todd (San José State U.)
<b>Performing Loss: Sound and Embodied Voice in Maya Lin's "What is Missing?"</b> Marilyn DeLaure (U. of San Francisco)	<b>Imagining "wicked problems": Bridging diverse approaches to environmental "collapse"</b> Alison E. Vogelaar, Brack Hale (Franklin U. Switzerland)				<b>Rhetorical Cartographies: (Re)Mapping Urban Spaces</b> Samantha Senda-Cook (Creighton U.), Michael Middleton, Danielle Endres (U. of Utah)

**17:30 -19:00 • Posters and Artwork (UMC 235)**

Poster and art exhibition reception with refreshments

**19:00 • Conference Dinner (UMC Glenn Miller Ballroom)**

**19:30 • Sol-Her Energ-He: A Performance created at NCAR in Boulder**

# Saturday, June 13

## 09:00 - 10:30 • Session D

UMC 210 (Center Ballroom)	UMC 208 (West Ballroom)	UMC 212 (East Ballroom)	UMC 245	UMC 247	UMC 382	UMC 384	UMC 386
<b>21: Monitoring Environmental Issues in New Media - Data Analytics as Critical Practice</b> Chair: Soenke Lorenzen (Greenpeace International)	<b>22: Politics, Values and Media Consumption</b> Chair: Libby Lester (U. of Tasmania)	<b>23: Divides and interactions of communication, technology, and the nature-human relationship</b> Chair: Richard Doherty (U. of Leeds)	<b>24: Entertainment: Celebrity and Comedy/Parody in Environmental Communication</b> Chair: Beth Osnes (U of Colorado Boulder)	<b>25: Hydrofracking Encyclopedia (performance)</b> Chair: Jonathan Gray (Southern Illinois U.)	<b>26: Governance of environmental issues: Questioning regulation and power</b> Chair: Caroline Druschke (U. of Rhode Island)	<b>27: Non-nation state actors and Climate Change</b> Chair: Hugo Fortes (U. of Sao Paulo)	<b>28: Representing green lifestyles/encouraging pro-environmental behaviours: opportunities and challenges</b> Chair: Barbara Willard (DePaul U.)
<ul style="list-style-type: none"> <li>Richard Rogers (U. of Amsterdam)</li> <li>Liliana Bounegru (U. of Groningen and U. of Ghent)</li> <li>Natalia Sanches Querubin, (U. of Amsterdam)</li> <li>Soenke Lorenzen (Greenpeace International)</li> <li>Saskia Kok (U. of Amsterdam)</li> </ul>	<b>Reluctantly cynical: Newsreaders on climate politics</b> Marcelina Piotrowski (U. of British Columbia), Shane Gunster (Simon Fraser U.)	<b>Bridging iPhone dreams and e-waste nightmares</b> Jennifer Good (Brock U.)	<b>Gonzo Comedy and Environmental Literacy: The Performance of Crisis Through Spectacle The Daily Show</b> Aaron Phillips (U. of Utah)	<ul style="list-style-type: none"> <li>Alison Bodkin (James Madison U.),</li> <li>Christopher Collins (San Angelo State U.)</li> </ul>	<b>US Supreme Court: Examining its constitutive rhetoric to bridge the divide between scholarship and practice</b> David Tschida, Sarah L. Doege (U. of Wisconsin - Eau Claire)	<b>Aristotle's Solution to Climate Denial: The Critical Missing Piece of Climate Change Communications</b> Mimi Katzenbach (Sustainable Creatives, LLC)	<b>Mapping Environmental Lifestyle Reportage in British Newspapers</b> Geoffrey Craig (U. of Kent)
	<b>Identity and Climate Change</b> Emily Pechar, Frederick Mayer (Duke U.)	<b>North Florida Water Warriors: Rhetorical strategies of Suwannee Basin water activists</b> Joseph Clark (Florida State U.)	<b>Telling better stories: Exploring the rational world paradigm and the narrative world paradigm on the topic of climate change</b> Jason Derry (U. of Denver)		<b>Dividing and Uniting Through Naming: The Case of North Carolina's Sea-Level-Rise Policy</b> Susan Opt (James Madison U.), Russanne Low (Institute for Global Environmental Strategies)	<b>People do have the right to be climate change deniers, you know': Scepticism, contrarianism and the challenge to freedom of speech in the Australian climate change debate</b> Myra Gurney (U. of Western Sydney)	<b>Bridging the Values Divide: Communicating and Activating Diverse Values to Stimulate Pro-Environmental Intentions</b> Graham Bullock, Chris Johnson (Davidson C.), Brian Southwell (RTI)
	<b>It's not Easy Being Green: How the de/politicization of Climate Change Shapes Citizens' Disposition to Act</b> Yves Pepermans, Pieter Maesele (U. of Antwerp)	<b>Oil, public relations and film/video: Divisions and collisions in environmental communication</b> Geo Takach (MacEwan U.)	<b>The use of parody in environmental texts</b> Kelsey Lindskov (U. of South Dakota)		<b>Risk Communication after Nuclear Accidents: Learning from the Chernobyl Case</b> Alexander Belyakov (Ryerson U.)	<b>The Disruptor: Naomi Klein as Journalist, Public Intellectual, and Activist</b> Matthew Nisbet (Northeastern U.)	<b>Framework for Evaluating Effectiveness of Environmental Education</b> Camden Howitt (Sustainable Coastlines)
	<b>Communication practices and political engagement with climate change: a research agenda</b> Anabela Carvalho (U. of Minho), Margit van Wessel (Wageningen U.), Pieter Maesele (U. of Antwerp)	<b>Positioning the earth: Print news discourse about GPS and the human relationship with nature</b> Richard Doherty (U. of Leeds)			<b>Upstream Engagement: Technical Failure and Community-based Response in Migratory Fish Passage</b> Caroline Druschke (U. of Rhode Island)	<b>The environmental scientist as public intellectual: How James Lovelock changed the way we think.</b> Declan Fahy (American U.)	<b>Puzzles and Dilemmas in Learning Across Diverse Communication Contexts</b> Linda Silka (U. of Maine)
	<b>Tracking the Release of #IPCC #AR5: Understanding Public Perceptions of Climate Change through Interactivity and Hypertextuality</b> Todd Newman (American U.)	<b>Social media networks and environmental activism: Rhizomatic resistance in Qidong, China</b> Kevin DeLuca, Elizabeth Brunner (U. of Utah)			<b>Making shared value and 'doing good' in oil space through communicative networks</b> Chui-Ling Tam, Dianne Draper (U. of Calgary)	<b>Scopes Redux: Cultural Values in the Emerging Synergy of Climate Change and Evolution Skepticisms</b> Justin Rolfe-Redding (George Mason U.)	<b>Agenda-setting in environmental issues: Communicating change in problems, policies, and politics</b> Todd Norton (Washington State U.), Hollie Smith (U. of Rhode Island)

## 10:30 - 11:00 • Break

**11:00 - 12:30 • Session E**

UMC 210 (Center Ballroom)	UMC 208 (West Ballroom)	UMC 212 (East Ballroom)	UMC 245	UMC 247	UMC 382	UMC 384	UMC 386
<b>29: Environmental Communication, Social Media, and Electronic Repositories: Digital Media as Bridge-Building Tools</b> Chair: Denise Tillery (U. of Nevada, Las Vegas)	<b>30: Climate Change and Extractive Industries: Bridging Research Traditions in an Age of Networked Public Participation</b> Chair: Jill Hopke (U. of Wisconsin-Madison)	<b>31: New Directions in Environmental Visualization and Imaging</b> Chair: Chris Russill (Carleton U.)	<b>32: Assessing climate communication: new directions and possibilities for engagement</b> Chair: Gesa Ludecke (U. of Colorado Boulder)	<b>33: When I say nature I mean... (performance)</b>	<b>34: Waste matters: Making the invisible visible</b> Chair: Mark Meisner (The IECA)	<b>35: NGO campaigning</b> Chair: Marda Kim (EcoArts Connections)	<b>36: Bodies at Risk: Exploring Environmental Justice</b> Chair: Richard Doherty (Leeds U.)
<b>Shades of Denialism</b> Lauren Cagle, Carl Herndl (U. of South Florida)	<b>Counteracting the Politicization of Science</b> Toby Bolsen (Georgia State U.), James N. Druckman (Northwestern U.)	<b>Imaging the Grotesque: Toxins in the Environment</b> Jennifer Peebles (Utah State U.)	<b>Mapping Climate Communication</b> Joanna Boehnert (U. of Colorado Boulder)	<ul style="list-style-type: none"> <li>• Maggie Siebert (U. of New Mexico)</li> <li>• Jose Castro (U. of New Mexico)</li> <li>• Jeff Hoffman (U. of New Mexico)</li> <li>• Melissa Parks (U. of New Mexico)</li> <li>• Mariko Thomas (U. of New Mexico)</li> </ul>	<b>The Media Politics of Microplastics and Environmental Literacy</b> Alison Anderson (Plymouth U.)	<b>The Time and Place for Courage</b> Mark DeLaurier (U. of South Dakota)	<b>Lead Toxicity and Criminality: Addressing Pervasive Imaginations of Containment, Contamination, and Disposable Populations</b> Lindsey Badger (Indiana U.)
<b>Social Media Feeds and Environmental Commonplaces</b> Denise Tillery (U. of Nevada, Las Vegas)	<b>Climate Change Advocacy Online: Theories of Change, Target Audiences, and Online Strategy</b> Luis E. Hestres, (U. of Texas San Antonio)	<b>Visualizing Global Environmental Protest and Publics</b> Libby Lester (U. of Tasmania)	<b>Beyond borders: A conceptual model for studying climate change at the transnational level</b> Suzannah Evans (U. of North Carolina)		<b>Bridging what we're told and what we need to know: The symbolic annihilation of the iPhone's environmental footprint</b> Jennifer Good (Brock U.)	<b>Animal Rights Food Advocacy: Building Bridges Between Species and Causes</b> Carrie Freeman (Georgia State U.)	<b>Human Rights, Environmental Wrongs: Can Global Civil Society Bridge Justice and Ecology?</b> Shiv Ganesh, Murdoch Stephens (Massey U.)
<b>Bridging Access to Environmental Research</b> Marianne Buehler (U. of Nevada)	<b>Discourse over a Contested Energy Technology on Twitter: A Case Study of Hydraulic Fracturing</b> Jill Hopke (U. of Wisconsin-Madison)	<b>Whole Earth Imaging: Photograph, Pixel, Program</b> Chris Russill (Carleton U.)	<b>Rhetorical naturalism: Reconciling post-positivist empiricism with constitutive rhetoric on the topic of climate change</b> Jason Derry (U. of Denver)		<b>Across the Regulatory Divide: Trust, Temporality, and the U.S. Nuclear Regulatory Commission's "Waste Confidence" Principle</b> William Kinsella (North Carolina State U.)	<b>Transitioning from the Sublime: Examining the Role of Adventure Narrative in Modernizing Environmental Rhetoric</b> Garrett Stack (Carnegie Mellon U.)	<b>Eco-Migrants: The Rhetoric of Invasion Ecology and the Management of the New "Global" Commons</b> Alison Vogelaar, Brack Hale (Franklin U. Switzerland)
	<b>Holy Frak, it's Climate Change: Comparing Talk about Climate Change and Fracking on Twitter in the Context of an Extreme Weather Event</b> Heidi E. Huntington (Colorado State U.), Ashley A. Anderson (Colorado State U.)		<b>Need for a wind of change? Public acceptance factors of offshore-wind and their use by communicators and the media</b> Adriane Schmidt (Dresden U. of Technology)		<b>Gas Flaring in the Niger Delta Region and its Reportage by Select Nigerian Newspapers and Magazines: A Normative Appraisal</b> Godwin Okon (Rivers State U. of Science and Tech)	<b>Between departments: the uses of corporate video in online environmental communication</b> Helen Hughes (U. of Surrey)	<b>The Actions and Consequences of Corporate Subjectivity: Rio Tinto and the Metabolic Rift</b> Nicholas Paliewicz, Brett Clark, Kevin DeLuca (U. of Utah)
	<b>How changes to communication infrastructure and communication practice could improve outcomes from controversial energy development</b> Neil Stenhouse (George Mason U.)		<b>Bridging the Divide between Positive and Negative: The Effectiveness of Hope and Fear Appeals in Climate Change Communication</b> Amy Chadwick (Ohio U.)			<b>Bridging the Political-Environmental Divide by Building a Voice, Gaining an Audience, and Establishing Position</b> Laura Vernon (Radford U.)	
	<b>Framing the mine: Globalizing the local in online discourse</b> Meg Turville-Heitz (U. of Wisconsin-Madison)						

**12:30 - 14:00 • Lunch (UMC Glenn Miller Ballroom)**

**13:00 - 14:00 Open meeting for IECA members with the Board of Directors (UMC 245)**

- IECA members are invited to join The IECA Board of Directors for an informal discussion about the Association. Bring your lunch if you like.



14:00 - 15:30 • Session F

UMC 210 (Center Ballroom)	UMC 208 (West Ballroom)	UMC 212 (East Ballroom)	UMC 245	UMC 247	UMC 382	UMC 384	UMC 386
<b>37: Environmental activism and campaigning</b> Chair: Leslie Dodson (U of Colorado Boulder)	<b>38: Bridging Environmental Case Studies: Ethnographic Explorations of Communication and Culture</b> Chair: Eric Morgan (New Mexico State U.) Respondent: Leah Sprain (U. of Colorado Boulder)	<b>39: Energy Panel Part I: Hydraulic Fracturing Under Fire</b> Chair: Jen Schneider (Boise State U.)	<b>40: Engaged ethics and Earth Charter curriculum in higher education: Creating spaces for the practice of sustainability values (workshop)</b>	<b>41: Creative collaborations: Climate, Connectivity and Place</b> Chair: Phaedra Pezzullo (Indiana U.)	<b>42: Climate Adaptation</b> Chair: Bridie McGreavy (U. of Maine Orono)	<b>43: Breaking Down the Divide: Latourian Critiques of the Politics of Nature</b> Chair: Jason Ludden (U. of Nevada, Reno) Respondent: Lynda Walsh (U. of Nevada, Reno)	<b>44: Framing Climate and Environment</b> Chair: Gesa Ludecke (U. of Colorado Boulder)
<b>New Media and the Environmental Youth Revolution in Urban Bangladesh: Building Networks for Social Change</b> Fadia Hasan (U. of Massachusetts)	<b>Setting the Stage: Environmental Communication as Intercultural Dialogue</b> Donal Carbaugh (U. of Massachusetts, Amherst)	<b>Diverging Accounts of the Risks with Hydrofracking during an Inter-Governmental Hearing in New York State</b> Richard Buttny (Syracuse U.)	<ul style="list-style-type: none"> <li>Brandon Hollingshead (Florida Gulf Coast U.)</li> <li>Maria F. Loffredo Roca (Florida Gulf Coast U.)</li> </ul>	<b>Inside the Greenhouse: Utilizing Media to Creatively Communicate Climate Challenges</b> Maxwell Boykoff, Beth Osnes, Rebecca Safran (U. of Colorado Boulder)	<b>Climate Extension Efforts to Promote Climate Change Adaptation in South Texas</b> Mona Behl (Texas A&M U.)	<b>Vernacular Eco-Logic v. the Technosocial Construction of Ecology: When the "Best Available Science" is Citizen Science</b> Aaron Phillips (U. of Utah)	<b>Framing and ICMs in climate communication: the communication-linguistics divide</b> Karey Harrison (U. of Southern Queensland)
<b>An 'unremarkable' place: Contesting value and constructing place in the James Price Point no-gas campaign</b> Alanna Myers (U. of Melbourne)	<b>Reconsidering Environmental Data Collection Strategies: Using Research to Bridge Distance, Time and Culture</b> Trudy Milburn (Independent Researcher)	<b>Growing toward Renewables or Digging a Big Fracking Hole: News Media Representations of Our Energy Future</b> Andrea Feldpausch-Parker (SUNY-ESF) (presented by Bruno Takahashi)		<b>Under The Other's Skin: Creative Conversations   Climate Communication</b> Julie Doyle (U. of Brighton), David Harradine (Fevered Sleep)	<b>Bridging the Divide in Climate Change Adaptation Planning: Linking Process and Practice in Two Regional Case Studies</b> Jessica Thompson, Christopher Lemieux, Shawn Davis (Northern Michigan U.)	<b>Credentialing Material Expertise: Applying Object-Oriented Rhetoric in Marine Policy</b> Zachary Dixon (U. of South Florida)	<b>Essaying place: recovering inclusive approaches to place-making</b> Sarah Massey-Warren (U. of Colorado Boulder)
<b>Communications, connections and networks in the 'new' environmental movement against fossil fuel mining in NSW</b> Isabel McIntosh (U. of Tasmania)	<b>"Everything that's taken is honored": Ojibwe and Non-Ojibwe Cultural Discourses of a Hunting Ethic</b> Tovar Cerulli (U. of Massachusetts, Amherst)	<b>Frackademia, Divestment, and the Limits of Academic Freedom</b> Jen Schneider (Boise State U.)		<b>Rivers as Divides and Connection Places</b> Hugo Fortes (U. of Sao Paulo)	<b>Who's Knowledge Counts in Transdisciplinary Research? Applying Reflective Adaptive Processes for Evaluating Stakeholder Engagement</b> Arren Allegretti, Jessica Thompson, Melinda Laituri (Center for Collaborative Conservation)	<b>Separating the People from the Trees: A Latourian Deconstruction of the United States Forest Service's Technocratic Ethos</b> Jason Ludden (U. of Nevada at Reno)	<b>Communicating that FIMBY feeling: Emphasizing time and space in environmental messages</b> Luis Felipe Gomez (San Jose State U.)
<b>American Revolution 2.0--Right-leaning Alternative Media and "Patriot Citizens" Demonstrate the "New Rules of Engagement" at the</b> Patricia Paystrup (Southern Utah U.)	<b>Talking about Talk: Perceptions of the Value and Efficacy of Egyptian Environmental Discourses</b> Mayar Sabet (U. of Massachusetts, Amherst)	<b>Selling Fracking: Oil and Gas Industry Rhetorics of Sustainability, Justice, and Home</b> Katherine Cruger (Chatham U.)		<b>Think Like an EcoSystem: Cognition + Affect = Effect</b> Marda Kirn (EcoArts Connections)	<b>Meta-synthesis of Information on Coastal Climate Adaptation Activity in the Eastern U.S.</b> Christos Giannoulis, Ken Lindeman, Bryce Beard (Florida Institute of Tech)		<b>Telling the story of fracking in Ohio: News coverage in the Columbus Dispatch and the Cleveland Plain Dealer</b> Sheryl Cunningham (Wittenberg U.)
<b>From the Front Lines to the Front Page: Environmental Advocacy, Alternative Media and Climate Politics</b> Shane Gunster, Robert Hackett (Simon Fraser U.)	<b>Building a Case for the Local Discovery of "Outreach Strategies": The California Marine Life Protection Act Process</b> Brion van Over (Manchester Community C.)						<b>Metaphor in communicating wildfire risk</b> Teenie Matlock, Timothy Gann, Till Bergmann, Chelsea Coe (U. of California, Merced)
	<b>Boundary Creatures and Bridging Divides</b> Tema Milstein (U. of New Mexico)						
	<b>Communication Strategy toward Sustainability</b> Jay Leighter (Creighton U.)						
	<b>Crafting Environmental Communication Courses: How to Engage Students in Environmental Communication Inquiry</b> Michelle Scollo (C. of Mount Saint Vincent)						

15:30 - 16:00 • Break

16:00 - 17:30 • Session G

UMC 210 (Center Ballroom)	UMC 208 (West Ballroom)	UMC 212 (East Ballroom)	UMC 245	UMC 247	UMC 382	UMC 384	UMC 386
<b>45: Science and Environment Communication: Remapping the field</b> Chair: Lee Ahern (Penn State U.)	<b>46: Environmental advocacy and public participation</b> Chair: Jennifer Good (Brock U.)	<b>47: Studying Representations of climate and environment</b> Chair: Alison Anderson (Plymouth U.)	<b>48: Visual Communication of the Environment in Theory and Practice: Nurturing Relational Perception (workshop)</b>	<b>49: Bridging Toxic Links: Communicating the Intersection of Climate and Reproductive (In)justice</b> Chair: Kathleen de Onis (Indiana U.)	<b>50: Managing Wildlife and Conservation Controversies through Communication</b> Chair: Nadarajah (Sri) Sriskandarajah (Swedish U. of Agricultural Sciences)	<b>51: Natural Resource Extraction &amp; Resistances</b> Chair: Bridie McGreavy (U. of Maine Orono)	<b>52: News Reporting on Climate and Environment: Norms, Practices of Journalism (and their Effects)</b> Chair: Ashley A. Anderson (Colorado State U.)
<b>Science Communication: Boundaries and Dimensions</b> Lee Ahern (Penn State U.)	<b>Closing The Public-Expert Divide: Public Expertise and Do-It-Yourself Environmental Monitoring Initiatives</b> Ashley Kelly (U. of Waterloo)	<b>Global Coverage of IPCC AR5 reports.</b> Elisabeth Eide, Anja Naper (Oslo and Akershus U. C. of Applied Sciences) Risto Kunelius, Dmitry Yagodin (Tampere U.)	Joanna Boehnert (U. of Colorado Boulder)	<b>Filipino Global Solidarity for Climate and Reproductive Justice</b> Phaedra Pezzullo (Indiana U.)	<b>Timing exclusion and communicating time in an Indonesian marine park</b> Chui-Ling Tam (U. of Calgary)	<b>Foiling the Opposition: Defamatory Identity Frames in Coal-Fired Power Plant Proponent Rhetoric</b> Valerie Thatcher (Southwestern U.)	<b>China's Environmental Issues and How They are Reported in the New Era</b> Lin Song (U. of Lincoln)
<b>Exploring the Divide: Using Environmental Communication to Move Science Communication Forward</b> Brienne Suldovsky (The U. of Maine)	<b>"Putting A Price on Carbon": Media Advocacy Campaign to Educate Massachusetts Residents about A Carbon Tax</b> Xinghua Li (Babson C.)	<b>IPCC's climate communication</b> Pernille Almlund (Roskilde U.)		<b>Spreading Toxicity: Illegal Coal Ash Disposal Practices in the Caribbean</b> Kathleen de Onis (Indiana U.)	<b>Bridging Divides through Spaces of Change: Action Research for Cultivating the Commons in Human-inhabited Protected Areas</b> Nadarajah (Sri) Sriskandarajah, Nicia Givá, Hans Peter Hansen (Swedish U. of Agricultural Sciences)	<b>Environment, Risk, and Sustainability: Intersections and Divergences in Activist Discourses about Ontario's Ring of Fire Mining</b> Philippa Spoel (Laurentian U.)	<b>Knowledge-Based Journalism in the Climate Change Debate: Applying Insights from Cultural Theory and Risk Analysis</b> Matthew Nisbet (Northeastern U.), Declan Fahy (American U.)
<b>Internationalization and Interdisciplinarity: Mapping the Field of Environmental Communication. A Content Analysis of Environment</b> Jose Castro-Sotomayor, Monica Perez-Marin (U. of New Mexico)	<b>The Emerging Energy Citizen: How Smart Grid enables a Participatory Public</b> Adrienne Strubb, Rebecca Slayton, Ramsey Randolph, Tarla Rai Peterson (Texas A&M U.)	<b>The Divide in Modern and traditional African media coverage climate change issues in Nigeria</b> Abdullahi Bashir (Modibbo Adama U. of Technology)		<b>Contaminated Environments and Toxic Bodies: The Breastfeeding Crisis in China</b> Elizabeth Brunner (U. of Utah)	<b>Meta-communication, reciprocation and co-constructed (dis)trust in attempts of deliberately bridging divides in natural resources</b> Lars Hallgren, Hanna Bergeå (Swedish U. of Agricultural Sciences)	<b>Examining Environmental Discourses on Energy Utilisation in Select Nigerian Newspapers</b> Herbert Batta, Clifford A. Ashong (U. of Uyo)	<b>"To sustain, or not to sustain...?" An empirical analysis of the usage of "sustainability" in German newspapers</b> Daniel Fischer, Franziska Haucke (Leuphana U. Lüneburg)
<b>Environmental Communicators as Transdisciplinary "Knowledge Brokers"</b> Justin Rademaekers (West Chester U. of Pennsylvania)	<b>Public Participation in Environmental Decision-Making: An Omani Experience of a Displaced Community</b> Maryam Alhinai (U. of New Mexico)					<b>Mapping Groundwater Conflict: Using Digital Content Analysis to Identify Authoritative Voices within Environmental Communications in Texas</b> David Rheams (George Mason U.)	
<b>The Question Concerning New Media in Environmental Communication</b> Roy Bendor (U. of British Columbia)	<b>Administration Style Matters: How the Results to an Ecosystem Services Survey Varied By Mode</b> Alina Kaiser, Jessica Thompson (Northern Michigan U.)						

17:45 • Keynote Encounter (UMC Glenn Miller Ballroom)

Hunter Lovins (Natural Capital Solutions)



# Sunday, June 14

## 09:00 - 10:30 • Session H

UMC 210 (Center Ballroom)	UMC 208 (West Ballroom)	UMC 212 (East Ballroom)	UMC 382	UMC 384
<b>53: Communicating to Diverse Audiences Vulnerable to Impacts of Climate Change: Scholarly &amp; Professional Journalism</b> Chair: Raul Reis (Florida International U.)	<b>54: Land Management</b> Chair: Dan Glick (The Story Group)	<b>55: Energy Panel Part II: Releases and risk: The under-examined human and environmental costs of energy</b> Chair: Tracy Marafiotte (State U. of New York Fredonia)	<b>56: Mediated messages on climate change</b> Chair: Leslie Dodson (U of Colorado Boulder)	<b>57: Rethinking/Re-Narrating the Environment</b> Chair: Marda Kirn (EcoArts Connections)
<b>Drought Crisis in the U.S. Southwest: Regulatory Framework, Uses, Impacts and Vulnerabilities of Disadvantaged Populations</b> Manual Chavez (Michigan State U.) Mercedes Vigon (Florida International U.)	<b>A Web Portal to Span the Public - Agency Divide: HD.gov 2.0, Communities of Practice, and Human Dimensions Research Regarding Natural Resource Management</b> Jeffery Adkins (NOAA), Jim Cantrill (Northern Michigan U.), Fred Clark (U.S.D.A. Forest Service), Thomas Fish (National Park Service), Rudy Schuster (U.S. Geological Survey), Natalie Sexton (U.S. Fish and Wildlife Service), Marilyn TenBrink (U.S. EPA)	<b>The Social, Political, and Metabolic Networks of Corporate Subjectivity: Rio Tinto and the Panguna Mine</b> Nicholas S. Paliewicz (U. of Utah)	<b>COPs and Climate: The practice of development journalism in Bangladesh</b> Mofizur Rhaman (U. of Dhaka)	<b>Interpreting Heritage Interpretation as Communicative Activity of Co-construction-Generating and Bridging Meta-discursive Divide</b> Hanna Bergeå, Lars Hallgren (Swedish U. of Agricultural Sciences)
<b>U.S. Southwest Print News Coverage of Environmental Issues and Natural Resource Management in times of Crisis</b> Bruno Takahashi (Michigan State U.)	<b>Empowerment and Advocacy – Pedagogy and Public Media in Participatory Land Use Planning</b> Seaton Tarrant (U. of Florida)	<b>Discourse of a Different Color: Reaffirming President Obama's Green Economy after Deepwater Horizon</b> Collin J. Syfert (U. of Washington)	<b>Bridging Local and Global – Exploring the Use of Social Media in Climate Change Reporting among Local News Outlets</b> Kanni Huang, Dave Poulson (Michigan State U.)	<b>A documentary about forest as a rupture point : divergent conceptions of forest in two daily newspapers</b> Isabelle Pare (U. Laval)
<b>Eyes on the Rise: Informing Citizens About Sea Level Rise in Miami</b> Kate MacMillin, Susan Jacobson (Florida International U.)	<b>Partnering for Communication Development: One National Park Service Approach to Localizing Climate Impacts</b> Jenell Walsh-Thomas, Melissa A. Clark (George Mason U.)	<b>Discussing Safety: Nuclear Scientists' Discourse of Leaks and Technical Risk</b> Brian Cozen, Megan O'Byrne, Danielle Endres (U. of Utah), Tarla Rai Peterson (Texas A&M U.)	<b>Communicating Climate Change Democratically Across the Great (Ideological) Divide</b> Yves Pepermans, Pieter Maesele (U. of Antwerp)	<b>Environmental Concern: A Comprehensive Assessment of Extant Measures</b> Shannon Cruz, Brian Manata (Michigan State U.)
<b>Blending Technologies, Classrooms &amp; Communities to Communicate Local Concerns of Sea Level Rise</b> Robert E. Gutsche, Jr., Juliet Pinto (Florida International U.)	<b>Seeds of change: Planting gardens as biopolitical emancipation</b> Jason Derry (U. of Denver)	<b>"Rail is cool again": Hidden risks of the surge in oil-by-rail</b> Tracy Marafiotte (State U. of New York Fredonia)	<b>What are we "trading" in carbon trading? Ideological negotiation of climate discourses in Japanese newspaper editorials</b> Shinichiro Asayama (National Institute for Environmental Studies, Japan)	<b>An Exploration of Environmental Discourses in the Scuba Diving Industry</b> Luis Felipe Gomez, Anne Marie Todd (San Jose State U.)
	<b>The Repo-man is at the Door: Demanding Federal Lands Be Returned to Western States</b> Patricia Paystrup (Southern Utah U.)		<b>From skepticism to engagement: Making climate communication relevant to the American public</b> Irina Feygina (American Association for the Advancement of Science)	

## 10:30 - 11:00 • Break

## 11:00 - 12:30 • Session I

UMC 210 (Center Ballroom)	UMC 208 (West Ballroom)	UMC 212 (East Ballroom)	UMC 382	UMC 384
<b>58: Deliberation and dialogue: Citizen participation in environmental conflict</b> Chair: Steve Depoe (U. of Cincinnati)	<b>59: News media and journalistic norms: Communicating sustainability and environment</b> Chair: Dan Glick (The Story Group)	<b>60: Managing animal and human interactions: conflicts, communities and conservation</b> Chair: Rebecca Safran (U of Colorado Boulder)	<b>61: Communicative possibilities for contested spaces/places</b> Chair: Richard Doherty (U. of Leeds)	<b>62: Representing Agricultural Practice</b> Chair: Laura Lindenfeld (U. of Maine)
<b>Rhetoric, participation, and democracy: The positioning of public hearings as a mode of public participation under the NEPA</b> Kevin Stone (U. of Montana)	<b>Environmental Journalism in China: Nationalism, Party Logic, and Market Logic</b> Sibó Chen (Simon Fraser U.)	<b>Who Let the Wolves Out in Europe? Determining local narratives and their role in nature conservation conflicts</b> Illektra Theodora Theodorakea, Erica von Essen (Swedish U. of Agricultural Sciences)	<b>Becoming emblematic: lessons from an enduring environmental conflict in Chile</b> Gabi Mocatta (U. of Tasmania)	<b>Tracing the Social Idea of Going "Back-to-the-Land"</b> Jessica Prody (St. Lawrence U.)
<b>The Great Rational/Emotional Divide at Contentious Public Meetings</b> Eleni Gesch-Karamanlidis (Texas A&M U.)	<b>Whose fracking side are you on? Defining the fracking debate in North Carolina, New York, and Pennsylvania</b> Kyla Hedding (U. of North Carolina at Chapel Hill)	<b>Compassionate conservation: Across the cat-bird divide between animal and environmental ethics</b> Susan Hafén, Peter Oehlkers (Weber State U.)	<b>Communication about perceptions and assessments of climate change risks among regional stakeholders of the North Sea coast in Germany</b> Gesa Luedecke, Anke Wessels (Leuphana U. of Lüneburg; Center for Science and Technology Policy Research CU Boulder)	<b>Agrarian Environmental Rhetoric: A Theoretical Conceptualization</b> Ross Singer, Jeff Motter (Saginaw Valley State U.)
<b>Citizens speaking as experts: A grounded practical theory of expertise discourse in deliberative forums</b> Leah Sprain, Lydia Reinig (U. of Colorado Boulder)	<b>The Media Propoganda Model and Framing of Risks from the Deepwater Horizon Disaster</b> Kristine Mattis (Independent Scholar)	<b>The Role of Local Media in Conservation Conflict: A Case Study on Wyoming and Wolves.</b> Lydia Dixon (U. of Colorado Boulder)	<b>Bridging Divided Frames: Environmental Disaster &amp; Everyday Stress in Resilience Thinking</b> Claire Chase (U. of Colorado Boulder)	<b>Exploring whether people's eating habits can be influenced to incorporate local food through the production of a short documentary film</b> Alison Shlom (U. of Colorado Boulder)
<b>Looking back...thinking forward: Indigenous leadership, community engagement, dialogic space and integrated catchment management</b> Giles Dodson (Unitec Institutue of Technology)	<b>Siachen conflict between India and Pakistan: How politics and national security trumps environmental concerns</b> Awais Saleem (Florida State U.)	<b>Meta-discursive assumptions in attempts to reduce conflict and bridge divides - State funded information campaigns in Swedish C</b> Lars Hallgren, Helena Källström (Swedish U. of Agricultural Sciences)	<b>Gods and Colonists: Putting the Earth in Multiuser Virtual Worlds</b> Joseph Clark (Florida State U.)	<b>"Climate crisis if we don't cut meat eating in half": Swedish news media framings of meat</b> Kajsa-Stina Benulic (Södertörn U.)
<b>Back to the rough ground: Questioning consensus and cultivating conflict in environmental policy development</b> Tracylee Clarke (California State U. Channel Islands), Tarla Rai Peterson (U. of Texas)	<b>The Great Lakes Echo Story: Creating a Nonprofit Environmental News Service</b> David Poulson, Eric Freedman (Michigan State U.)	<b>Moral, cultural and legal discrepancies in hunting: bridging the fault line between fair chase and "killing for the table"</b> Erica von Essen, Hans Peter Hansen (Swedish U. of Agricultural Sciences)	<b>Researcher, Advocate, or Other, Check One: Positionality of Environmental Communication Researchers of Collaborative Place-Based Projects</b> Natalie Greco (Washington State U.)	

## 12:45 - 14:15 • Closing Keynote Encounter (UMC Glenn Miller Ballroom)

Ed Maibach (George Mason U.)

## LIST OF POSTERS (UMC 235)

1. Empowering rural farmers in Africa to improve their livelihood through effective environment risk communication: Case study Uganda  
Goretti Nassanga
2. What's your motivation? Individual drivers for sustainable behavior  
Gesä Luedecke
3. Translating Statistical Expertise into Clean Water Act Compliance: A Case Study of Communication across Disciplines  
Matthew O. Gribble, Connie Chen, Jay Bartroff, Steven M. Bay, Larry Goldstein
4. A Focus Group Study of Boaters' Perspectives for Promoting Marine Ecosystem Protection  
Denise E. DeLorme
5. Implementing a Branded Interdisciplinary Campaign to Increase Eco-Friendly Recreational Boating  
Denise E. DeLorme, Elouisa Hewkin, Linda J. Walters, Donna Campbell
6. Using Climate Change Risk Perception and Certainty to Organize Communication Theories and Practical Approaches  
Kristin Timm, Erin Pettit, Elena Sparrow, Karen Taylor
7. Examining Environmental Experts: Who Is Directing The Dialogue Surrounding Water Sustainability In The Agricultural Heartland?  
Kajsa E. Dalrymple, Joanna Krajewski
8. Using scenarios planning to communicate climate change risks and collaboratively develop adaptation strategies  
Kristin Timm, Nancy Fresco
9. Mapping Climate Communication: The Climate Timeline and the Network of Actors  
Joanna Boehnert
10. Just turn on the faucet: a content analysis of public service announcements about water  
Joanna M.T. Krajewski, Kajsa E. Dalrymple
11. Political Ideology and the Language of Certainty in Climate Communication  
Timothy M. Gann, Drew H. Abney, Teenie Matlock
12. Examining the Potential of Citizen-Sourcing for Deliberating Sustainable Futures in Online Contexts  
Emilie O. Falc
13. Climate Change in the Indian and Chinese Mind: Exploring Global Warming Risk Perception, Belief, Understanding and Behavior in India and China  
Anthony Leiserowitz, Lisa Fernandez, Jagadish Thacker, Binbin Wang, Yujie Li.

## WORKS OF ART:

### In UMC 235

At the Crossroads of Four Forms of Catastrophe  
Mimi Stokes Katzenbach

Proxy Pals trading cards  
Shelly Sommer, Cassidy Robinson

Evolutions in three lessons  
Hugo Fortes

Existing in a Fragile Ecological State  
Darlene Farris-LaBar

### Performance, Session D

Hydrofracking Encyclopedia  
Alison Fisher Bodkin, Christopher Collins

### Performance, Session E

When I say nature, I mean...  
Jose Castro; Jeff Hoffmann; Melissa Parks; Maggie Siebert; Mariko Thomas