

**20<sup>th</sup> International Interdisciplinary Conference on the Environment June 13-15, 2014**  
**Conference Schedule**  
**Hampton Inn & Suites and Homewood Suites**  
**Denver Downtown Convention Center**  
**550 15th Street**  
**Denver, Colorado, 80202**

**Friday, June 13, 2014 – Whitewater rafting field trip, meet in Homewood Suites lobby at 10:00am. Interested participants should contact Brenda Bushell for more information, [brenda.bushell@gmail.com](mailto:brenda.bushell@gmail.com).**

**Complimentary Tapas and Drinks, 7:00 pm – 9:00 pm, Room - Inspire Brilliance**  
*Plenty of delicious finger foods, craft beers and wine. Meet your fellow conference participants. You can also register here.*

**Saturday, June 14, 2014**

**Registration 8:00 am – 9:00am, Room - Energy**

**9:00 – 9:05, Shane Epting, Official Opening and Welcome, Room - Energy**

**9:05 – 9:35, Kevin Hickey & Demetri Kantarelis “Celebrating the Twentieth Anniversary of the International Interdisciplinary Conference on the Environment”, Room - Energy**

**9:40 – 11:10 — The Pillar of Economics, Room - Inspire**

*Moderating Discussant: Kevin Hickey*

**Kalim U. Shah**, Blueprinting the Green Economy: A Systematic Review of the Emerging Body of Knowledge

**Robin Aspman-O’Callaghan**, An Examination of the Environmental Worldviews and Ecological Attitudes of Business Instructors

**Linus Nyiwul**, Fragmentation and the Scramble for a Piece of the Green Spending Pie: Explaining the Rapid Proliferation of Eco-labels

**9:40 – 11:10 — Cities and Infrastructure, Room - Brilliance**

*Moderating Discussant: Kalim U. Shah*

**Dan Staley**, Urban Forests and Rooftop Solar Power: Natural partners (no, really)

**J. Jorge Ochoa**, Learning from Best Practices in Sustainable Urbanization

**Deb Schrader and Lorelei L. Hanson** Enabling a More Sustainable Urban Food System in Edmonton, Canada

**11:15 – 12:25 — Roundtable Session: Green Cities: Reality vs. Utopia, Room - Inspire**

*hosted by Kevin Hickey & Demetri Kantarelis*

*As urban population rises, some argue that “Green Cities” can meet the needs of the present generation without sacrificing those of future generations: True or False? Should we build green cities anew or green up existing cities? Can we afford the costs and who would pay? Are there*

*any ongoing experiments and what are the lessons so far? The purpose of this roundtable session is to address all these questions and many more. After a brief presentation on an ongoing green city experiment (specifically, Masdar City, UAE), participants in the session will be welcomed to brainstorm, on any issue associated with green cities, based on their own insights, knowledge and experience.*

**12:30 – 2:00 — Lunchtime Keynote, Room - Energy**

**Keynote: Let a Thousand Gas Wells Bloom: Fracking and the Politics of Technology  
Adam Briggie, University of North Texas**

Beginning roughly at the turn of the 21<sup>st</sup> century, fracking made oil and gas production from unconventional reserves economically viable. I mean by ‘fracking’ the intensification of hydraulic fracturing and its convergence with other innovations like 3-D seismic imaging and horizontal drilling. Fracking exemplifies the technological wager: a gamble or even a faith that we can transform the world in the pursuit of narrowly-defined goals and successfully manage the broader unintended consequences that result. In many ways, we are gambling on the success of future innovations to bail us out of problems created by present innovations. I think if we are to live with high technology we cannot avoid this wager. The question is whether we can establish conditions to make it a fair and reasonable bet. In the case of fracking, I will argue, these conditions are largely not in place.

*Adam Briggie is an Associate Professor in the Department of Philosophy and Religion Studies and a Faculty Fellow in the Center for the Study of Interdisciplinarity at the University of North Texas. He works at the intersections of science, technology, policy, and ethics. He is the author of *A Rich Bioethics: Public Policy, Biotechnology, and the Kass Council* (2010) and co-author with Carl Mitcham of *Ethics and Science: An Introduction* (2012). For the past three years, he has worked as a 'field philosopher' helping to clarify and assess the ethics and values dimensions of local shale gas development policies in his hometown of Denton, TX, which has over 275 gas wells in its city limits. He has written about fracking for *Slate*, *Truthout*, *Science Progress*, and *The Guardian* and is currently involved in the *Frack Free Denton* campaign to ban fracking in Denton. He has just signed a contract with *Liveright Press* (a division of *W.W. Norton*) for a forthcoming book titled *Let a Thousand Gas Wells Bloom: Fracking and the Philosophy of Technology*.*

**2:00 – 3:30, Tourism and the Environment, Room - Inspire**

*Moderating Discussant: Brenda Bushell*

**Yuki Matsuzaki Seiya Nagamori**, A Comparative Survey on Sustainable Tourism Development Considering Regional Characteristics in Nepal

**Jude Ndzifon Kimengsi**, Improving Cocoa Processing and Marketing for Conservation in the Mount Cameroon National Park: Challenges and Way Forward

**Jeffrey L. Roberg and Penny Seymoure**, Cuba: Moving Forward or Stuck in the Past?

**2:00 – 3:30, Environmental Challenges, Room - Brilliance**

*Moderating Discussant: Shane Epting*

**A.A. Tafida and M. Galtima** Environmentally Induced Alternative Livelihood Strategies

**Osinibi, Olusegun Michael** Assessing the Intersections between Renewable Energy, Sustainable Development and the Challenges of Environmental Justice in Nigeria.

**Jessica P. Parker**, Bison as a Signal of Social and Ecological Resilience: Bridging History, Culture, and Ecology for Restoration of Complex Adaptive Rangeland Systems

**3:30 – 4:15, Coffee Break and Poster Session in Foyer: John F. Slater**, Sustainability Science for Business: An International Interdisciplinary Undergraduate Course joining Environmental and Business Students from Two Countries; **Godfrey Roberts** Environmental Sustainability: An Online Asynchronous Course for Non-Science Majors; **Adaíl Alicea-Martínez** Vulnerability Assessment of Small Community Water Systems in Puerto Rico, **I Fang Mao** Flame Retardants Polybrominated Diphenyl Ethers in Indoor Airborne Particle of Taipei City

**4:20 – 6:00, Environmental Thought and Challenges, Room - Brilliance**

*Moderating Discussant: Mai Kuha*

**Hussaini, U. Tsaku**, Adinoyi, Ojo Onukaba's The Killing Swamp and Environmental Activism in the Niger Delta

**H.S. Bhatti**, Echoes Ecocritical: An Interpretation of *The Epic of Gilgamesh*

**Rena Saljhab** The Effect of Organic Pollution and Risk Factor along the Tripoli Harbour, North Lebanon

**Sunday, June 15, 2014**

**9:00 – 10:55, Waste, Pollution, and the Environment I, Room - Brilliance**

*Moderating Discussant: Brenda Ross*

**Chalida U-tapao**, A Stochastic, Multi-objective Optimization Model for Solid Waste Management System: A Case Study of Bangkok, Thailand

**Wenhua Pan** Problems and Solution Strategy of Rural Environmental Pollution in China

**John Byrd, Ken Bettenhausen, Elizabeth Cooperman**, Determinants of Corporate Carbon Reduction Targets

**Obinna Ekeh**, Life-cycle Assessment (LCA) of the Charcoal Industry: A Case Study of Kampala, Uganda

**11:00 – 12:30, Topics in Climate Change, Room - Brilliance**

*Moderating Discussant: Robin Aspman-O'Callaghan*

**Geoff Beattie**, Mobilising the unconscious mind in the fight against climate change.

**Laura McGuire**, Climate change initiatives. Is education ever enough?

**Mai Kuha**, A Lexicon for Creating Doubt about Climate Change

**11:00 – 12:30, Issues in Environmental Resource Management, Room - Inspire**

*Moderating Discussant: Jeff Roberg*

**M.Omoakin Jelili** Charcoal Production in South-Western Nigeria: Environmental and Socio-economic Questions

**A.A. Tafida and M. Galtima** Environmentally Induced Alternative Livelihood Strategies

**Jude Ndzifon Kimengsi** Building a Framework for Sustainable Water Supply in an Emerging Urban Centre: The Case of Ekondo-titi Sub-division, Cameroon

**12:30 – 2:00, Keynote Lunch: Greg Cronin**, "Rewarding Transdisciplinary Scholarship in

Higher Education,” **Room - Energy**

**2:00- 3:30, Humankind and The Environment World, Room - Inspire**

*Moderating Discussant: Shane Epting*

**Godfrey Roberts**, Fertility Declines in Some Developing Countries and Population Growth and Environmental Challenges in the Least Developed Countries: Possible Responses

**Thomas Koller**, An Argument for a Biocentric Natural Law Philosophy

**Gordon Steinhoff**, Why We Should Protect Natural Areas

**2:00- 3:30, Urban Issues and Marine Ecosystem Concerns, Room - Brilliance**

*Moderating Discussant: Penny Seymore*

**R. El Fallah Fallah** Marine Quality Assessment of North Lebanese Coast: Microbiological and Chemical Characteristics and their Impact on the Marine Ecosystem

**Justice K. Owusu-Ansah** The Influences of Land Use and Sanitation Infrastructure on Flooding in Kumasi, Ghana

**Iwueke, Nyainbau Tarinabo** Urban Agriculture: an Informal Sector Activity of Urban Dwellers in Enugu, Nigeria

**3:30 – 4:00 Coffee Break, Poster Session Revisited, Foyer**

**4:00 – 5:30, Waste, Pollution, and the Environment II, Room - Brilliance**

*Moderating Discussant: Brenda Ross*

**Marwa Abd El Fattah & Mona E. Ossman**

Optimization for Ni (II) removal from petrochemical waste water using low adsorbent cost

**M. Ambika** A Novel Redox Mediated AOP Using ZVI for Combined Removal of Heavy Metal and Organic Chemicals

**S.S. Al-Shahrani**, Removal of chromium Cr(VI) from wastewater using Saudi activated bentonite

**5:30 – 6:30, Business Meeting (all are welcome), Room - Inspire**

**6:31: End of Conference!**

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