

# THADDEUS R. MILLER

School of Sustainability · Arizona State University

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## Education

### **PhD Student**, *Sustainability, 2006-present*

School of Sustainability (SOS)

Arizona State University, Tempe, AZ

*Research*: Environmental Values and Science/Policy Studies

### **MPA**, *Environmental Science and Policy, 2003-2004*

School of International and Public Affairs

Columbia University, New York, NY

*Primary Research Project*: Structure and implementation of climate policy in the US.

### **BA**, *Economics and Environmental Studies, 1999-2003*

Bucknell University, Lewisburg, PA

*Primary Research Project*: Environmental justice in Chester, PA.

## Awards and Scholarships

2008-present      National Science Foundation *Integrative Graduate Education and Research Training (IGERT) Senior Fellow in Urban Ecology* – Selected by ASU IGERT faculty to serve as student leader and faculty liaison.

2007                *Conference and Travel Award Recipient*, Conference for Sustainability IGERTs, University of Alaska-Fairbanks

2007                *Travel Grant Recipient*, Graduate and Professional Student Association, ASU

2006-present      National Science Foundation *IGERT Fellow in Urban Ecology*

## Publications

Miller, Thaddeus and Ben Minter. "Parks, People and Posterity: A Normative Analysis of International Conservation." (*in preparation* for submission to *Conservation Biology*)

Miller, Thaddeus, Timothy Baird, F. Stuart Chapin III, Caitlin Littlefield, Shade Shuttles, Gary Kofinas and Charles L. Redman. "Epistemological Pluralism: Reorganizing Interdisciplinary Research." (*in preparation*)

Miller, Thaddeus, Virginia A. Rauh, Sharon A. Glied, Dale Hattis, Andrew Rundle, Henry Andrews, Frederica Perera. 2006. "The Economic Impact of Early Life Environmental Tobacco Smoke Exposure: Early Intervention for Developmental Delay." *Environmental Health Perspectives* 114(10): 1585-8.

Miller, Thaddeus. 2003. "Dispatches: First-hand accounts from the field." *Grist Magazine*, 9/29-10/3/03, <http://www.grist.org/comments/dispatches/2003/09/29/miller-columbia/index.html>.

## Posters and Presentations

Miller, Thaddeus and Ben Minter. "Parks, People and Posterity: Reconsidering the Ethical Implications of International Conservation." Organized symposium and presentation accepted for Society for Conservation Biology Annual Meeting, 7/15/08, Chattanooga, TN. (*forthcoming*)

Redman, Charles L., Thaddeus Miller and Tischa Muñoz-Erickson. "Fostering Epiphanies: Adaptive Cycles and Knowledge for Sustainability." Paper and presentation accepted for Resilience: International Science and Policy Conference, 4/14-17/08, Stockholm, Sweden. (*forthcoming*)

Miller, Thaddeus and Ben Minter. "Parks, People and Posterity: A normative analysis of international conservation." Posters presented at Graduates in Earth, Life and Social Science (GELSS) Symposium, 2/1/08, Tempe, AZ.

Miller, Thaddeus and Tischa Muñoz-Erickson. "Adaptive Learning at SOS: Fostering Intellectual and Organizational Change for Sustainability." Invited presentation given as part of SOS Colloquium Series, 11/16/07.

Darby, Kate and Thaddeus Miller. "Arizona State University's IGERT in Urban Ecology: Integrating towards Sustainability." Invited poster presented at Conference for Sustainability IGERTs, 10/10-13/07, University of Alaska, Fairbanks.

Miller, Thaddeus and Ben Minter. "An ecological ethics for a 'crowded planet': Assessing the normative foundations of an emerging ESA vision." Poster presented at Annual Meeting of the Ecological Society of America, 8/6/07, San Jose, CA. Abstract PS 19-180.

Miller, Thaddeus and Ben Minter. "Parks, people and posterity: A normative analysis of international conservation projects." Poster presented at the International Symposium on Society and Resource Management, 6/18/07, Park City, UT. Abstract PC10.

### **Research and Work Experience**

- Sep 2007-present      **Research Assistant**, *Advancing Conservation in a Social Context (ACSC)*, ASU  
Work with Prof. Ann Kinzig (ecology-ASU) on a multi-million dollar MacArthur Family Foundation grant, ACSC, evaluating the trade-offs between biodiversity conservation and development. Research responsibilities include interviewing members of national and international conservation and development organizations as well as reviewing conservation and development projects' goals and priorities.
- Oct 2005-Jul 2006      **Research Associate**, *The Climate Trust*, Portland, OR  
Responsible for tracking and analyzing developments in climate change policy, assisting in the evaluation and monitoring of carbon offset projects for funding and performing research for business development activities.
- May-Aug 2005      **Conservation Intern**, *Student Conservation Association*, Mt. Hood National Forest, OR
- Jul 2004-May 2005      **Policy Coordinator**, *Columbia Center for Children's Environmental Health*, NY, NY  
Responsible for translating the Center's scientific findings into a policy and economics context via research papers and communication with community groups.
- Sep-Dec 2003      **Project Manager**, *Workshop in Applied Earth Systems Management II*, Columbia University  
Responsible for coordinating project group studying climate change, ensuring that outputs are completed on schedule, chairing group meetings, acting as liaison with the faculty advisor and delivering a final briefing.
- Sep 2003-Dec 2003      **Co-Manager**, *Renewable Energy Survey*, Columbia University  
Responsible for managing a student group surveying over 100 New York City residents on their willingness-to-pay for and awareness of renewable energy and producing a white paper on the implications for energy policy and utilities.

Sep 2003-May 2004      **Teaching Assistant, *Intermediate Political Economy, Bucknell University***  
Presented lecture on Environmental Injustice, assisted Prof. Nina Banks (economics-Bucknell) with research, grading papers, and tutoring students.

### **Professional Service and Experience**

Jan 2008-present      **Member, Faculty Search Committee, *School of Sustainability, ASU***

Nov 2007-present      **Member, Executive Committee, *School of Sustainability, ASU***  
Student representative on SOS Executive Committee. Participate in visioning process, curriculum development, and student recruitment.

Jan 2007-present      **Student Representative, *School of Sustainability, ASU***  
Spearheaded formation of SOS student government to represent interests of students in a new program. Serve as liaison between graduate students and faculty and staff. Along with another student, presented a framework for organizing the interaction between interdisciplinary students in a new and evolving institution; i.e. SOS. Planned and carried out School-wide academic and social events. Successfully lobbied for bi-semester Town Hall meetings, increased teaching assistantships, inclusion of a student representative in faculty meetings, new faculty search committees, Executive Committee and Graduate Curriculum Committee.

Sep 2003-May 2004      **Member, *MPA Science Task Force, Columbia University***  
Participated in committee comprised of administration, faculty and students. Assisted in formulating improved strategies to connect environmental science and policy issues in the program's curriculum.

Sep 2003      **Guest columnist, *Grist Magazine***  
Wrote five columns on environmental and social issues for popular environmental themed news website.

Sep 2002-May2003      **Founder and Editor-in-Chief, *The Green Sheet***  
Conceived of, launched and edited environmental newsletter at Bucknell University addressing campus and national issues.

#### Professional Membership

- Ecological Society of America (2007-present)
- International Association for Society and Natural Resources (2007-present)
- Graduates in Earth, Life and Social Sciences, ASU (2006-present)

#### Peer-reviewed Referee

- *Science and Engineering Ethics*