

Curriculum Vitae - Benjamin P. Warner
Ph.D. Candidate, School of Sustainability
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EDUCATION

Purdue University, Civil Engineering, B.S., 2006
Arizona State University, Sustainability, Ph.D., Anticipated 2013

RESEARCH INTERESTS

Human Adaptation to Ecological Change; Water Allocation Policy; Water Distribution Infrastructure; Agent-Based Modeling; Sustainability Education Assessment and Policy
Geographic areas: Latin America (Costa Rica); Southwest United States

APPOINTMENTS

2011-2013, NSF GK-12 Senior Fellow.
2012, Lecturer and participant in the Intensive Program on Sustainability (IPoS) workshop at the Asian Institute of Technology and the University of Tokyo, 8/2012 to 12/2012.
2009-2011, Global Institute of Sustainability, Arizona State University Teaching Assistantship.
2009-2011, Graduate Student Representative, Central Arizona-Phoenix Long-Term Ecological Research Project.
2008-2009, Cofounder, Indiana U.S. Green Building Council Emerging Green Builders.
Mar 2008, LEED Accredited Professional (LEED AP), U.S. Green Building Council.
2007-2008, Chairman, Indiana Water Environment Association Young Professionals.
Dec 2006-Jul 2009, Project Engineer and Manager, Environmental and Water Engineering Services, HNTB Corporation, Indianapolis, IN.
Oct 2006, Registered Engineering Intern, State of Indiana.
Apr 2006-Oct 2006, Project Engineer, National Park Service Engineering Department, Denali National Park, Denali, AK.
2002-2005, Cooperative Education Program (CO-OP) Student, Environmental Legal Counsel, Infrastructure Division, General Electric, multiple locations.

ARTICLES, POSTERS, & PRESENTATIONS

Warner B, Elser M. In Press. How do sustainable schools integrate sustainability education? An analysis of sustainable K-12 schools in the United States. *Journal of Environmental Education* [ARTICLE]

Kuzdas C, Yglesias M, Warner B. In Press. Advancing Sustainable Governance of Water Resources in Costa Rica. *The Solutions Journal* [ARTICLE]

Kuzdas C, Wiek A, Warner B, Vignola R, Morataya R. In Review. Integrated and participatory analysis of regional water governance regimes – The case of Guanacaste, Costa Rica. [ARTICLE]

Kuzdas C, Wiek A, Warner B, Vignola R, Morataya R. In Review. Sustainability appraisal of water governance regimes – The case of Guanacaste Province, Costa Rica. [ARTICLE]

Warner B. 2012. Agricultural Adaptation to Water Scarcity in Northern Costa Rica. Intensive Program on Sustainability (IPoS) workshop at the Asian Institute of Technology and the University of Tokyo, 8/2012. [PRESENTATION]

Warner, B. 2012. Do sustainability projects make sustainable schools? Integrating K-12 campuses in communities to create sustainable schools. Presented at the 41st Annual North American Association for Environmental Educators (NAAEE) Conference, Oakland CA (10/12). <http://www.naaee.net/sites/default/files/conference/program/NAAEE.Prog.Final.9.28.12A.pdf> [POSTER]

Foley, R. W., C. Kuzdas, B. Warner, L. Withycombe Keeler, D. Iwaniec and A. Wiek. 2012. Designing sustainable governance: Cross-domain comparison and evaluation. Poster presented at the 19-22 February 2012 3rd Annual International Conference on Sustainability Science, Tempe, AZ. [POSTER]

Sanchez, C., D. Childers, L. Turnbull, B. Warner and N. Weller. 2012. The contribution of evapotranspiration to the water budget of an aridland urban treatment wetland. Presentation at the 7 June 2012 INTECOL International Wetlands Conference, Orlando, FL. [POSTER]

Sanchez, C. A., D. Childers, L. Turnbull, B. Warner and N. Weller. 2012. The contribution of evapotranspiration and evaporation to the water budget of a treatment wetland in Phoenix, AZ, USA. Poster presented at 13 January 2012 CAP LTER 14th Annual Poster Symposium and All Scientist Meeting, Global Institute of Sustainability, Arizona State University, Tempe, AZ. [POSTER]

Warner, B.; and C. Kuzdas. 2011. Approach for Coordination, Collaboration and Effectiveness in Sustainability Science (ACCESS). Presented at Annual Organization for Tropical Studies Directorate Meeting (3/11). <http://www.ots.ac.cr/images/downloads/information-resources/otspublications/annual-report-fy/fy2010.pdf>. [POSTER]

Warner, B.; L. Turnbull, and D. Childers. 2011. Hydrology versus Ecology: The Effectiveness of Constructed Wetlands for Wastewater Treatment in a Semi-Arid Climate. Poster presented at Central Arizona-Phoenix Long Term Ecological Research (LTER) Annual Symposium (1/11). [POSTER]

Chapman, E. and B. Warner. 2011. Foreseeing critical phosphorus cycle transitions in constructed wetlands: Applied to the new Tres Rios arid-land constructed wetlands with the City of Phoenix. Poster presented at the 12-13 January 2011 CAP LTER 13th Annual Poster Symposium and All Scientist Meeting, Global Institute of Sustainability, Arizona State University. [POSTER]

Warner, B. P. and C. Kuzdas. 2010. Measuring urban vulnerability using a model of ecological resilience: An assessment methodology. Poster presented at the January 14, 2010 12th Annual Central Arizona-Phoenix Long-Term Ecological Research Poster Symposium, Global Institute of Sustainability. [POSTER]

Warner, B. 2010. The 'Kerala model' of development: A path to sustainability. The Sustainability Review <http://www.thesustainabilityreview.org/2010/03/11/the-kerala-model-of-development-a-path-to-sustainability/#more-367>. [ARTICLE]

Warner, B. 2008. The Application of Leadership in Energy and Environmental Design (LEED) to Water and Wastewater Treatment Plants. Presentation at Indiana Water Environment Association (IWEA) Annual 2008 Conference (11/2008). [PRESENTATION]

FELLOWSHIPS & GRANTS

Neely Foundation Grant: Managing water allocation equitably: Risks to smallholder farmers in Costa Rica's Arenal-Tempisque Irrigation District – Sponsored by the Neely Foundation – 2013 to 2014 – Amount \$2900.

NSF Graduate STEM Fellowship in K-12 Education (GK-12): Sustainability Science for Sustainable Schools - Sponsored by the Global Institute of Sustainability - 2011 to 2013.

Co-PI - USGS funded Water Resources Research Center 104(b) Grants Program, 1/2011 to 7/2012, "Hydrology Versus Ecology: The Effectiveness of Constructed Wetlands for Wastewater Treatment in a Semi-arid Climate" – Amount: \$20,000.

PI - NSF funded International Graduate Research Experience Grant, 5/2010 to 10/2010, Palo Verde Biological Station, Costa Rica, Sponsored by the Organization for Tropical Studies, Amount: \$10,000.

PI - GISER funded Integrative Society and Environment Research Grants Program, 11/2012 to present, "Interdisciplinary Working Group: Mitigating Water Conflicts in the Río Tempisque Basin, Costa Rica", Amount: \$1245.

Participant – NSF funded Catalyzing New International Collaborations grant, 4/2011 to 9/2012, Interdisciplinary workgroup on water sustainability in the Tempisque Basin, NW Costa Rica.

COLLABORATORS & OTHER AFFILIATIONS

Collaborators, Committee Members, and Co-Editors: Joshua Abbott, Arizona State University; Daniel L. Childers, Arizona State University; Hallie Eakin, Arizona State University; Rafael Munoz-Carpena, University of Florida; Carolina Murcia, Fundacion EcoAndina, Cali, Columbia and Organization for Tropical Studies, Costa Rica; Mahmood Sasa, Organization for Tropical Studies Palo Verde Biological Station and University of Costa Rica; Laura Turnbull, Durham University; Arnim Wiek, Arizona State University; Chris Kuzdas, Arizona State University.
Graduate Advisor: Daniel L. Childers, School of Sustainability, Arizona State University.