

# Dissertations Initiative for the Advancement of Climate Change Research

DISCCRS II Symposium Scholars

March 26 - April 2, 2006, Asilomar Conference Center

The pages below include the Ph.D. dissertation citations and institutional affiliations (as of April, 2006) for the 33 graduates invited to participate in the DISCCRS II symposium.

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**Bierwagen, Britta G.** 2003. Ecological and microevolutionary effects of urban land-use change on butterfly dispersal. University of California at Santa Barbara (USA), 381 pp.  
Current Institution: Environmental Protection Agency, Global Change Research Program



**Bizikova, Livia** 2004. Economic assessment of carbon sequestration potential in agriculture and forestry in transition countries of Europe. University of Economics at Bratislava (Slovak Republic), 101 pp.  
Current Institution: University of British Columbia, Adaptation & Impacts Research Division (AIRD)



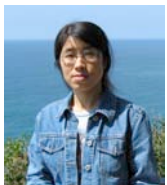
**Boyd, Emily GK.** 2003. Forests post Kyoto: Global priorities and local realities. University of East Anglia at Norwich (United Kingdom), 200 pp.  
Current Institution: Stockholm University, Centre for Transdisciplinary Environmental Research



**Buckley, Lauren B.** 2005. Lizard distributions on islands: Community ecology and biogeography. Stanford University (USA), 110 pp.  
Current Institution: Santa Fe Institute



**Cherry, Julia A.** 2004. Effects of herbivory, competition, and disturbance on a wetland plant community with emphasis on the dominant aquatic macrophyte, *Nymphaea odorata* Aiton. University of Alabama at Tuscaloosa (USA), 176 pp.  
Current Institution: USGS National Wetlands Research Ctr, National Wetlands Research Center



**Dong, Shenfu** 2004. Interannual variations in the upper ocean heat content and heat transport convergence in the Western North Atlantic. University of Washington (USA), 152 pp.  
Current Institution: Scripps Institution of Oceanography, Physical Oceanography Research Division



**Fietz, Susanne** 2005. Recent and fossil phytoplankton pigments in Lake Baikal as markers for community structure and environmental changes. Humboldt University Berlin (Germany), 131 pp.  
Current Institution: Leibniz Inst of Freshwater Ecology & Inland Fisheries, Department of Shallow Lakes



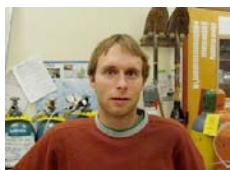
**Fuessel, Hans-Martin** 2004. Impacts analysis for inverse integrated assessments of climate change. Potsdam University (Germany), 178 pp.  
Current Institution: Stanford University, Center for Environmental Science and Policy



**Guhl, Andres** 2004. Coffee and landscape change in the Colombian countryside 1970-2002. University of Florida (USA), 343 pp.  
Current Institution: Universidad de los Andes, Center for Development Studies (CIDER)



**Jacques, Peter J.** 2003. A Green peace? Connections between environmental policy and military foreign policy. Northern Arizona University (USA), 212 pp.  
Current Institution: University of Central Florida, Department of Political Science



**Jenerette, G. Darrel** 2004. Landscape complexity and ecosystem processes in an urbanized arid region. Arizona State University (USA), 150 pp.  
Current Institution: University of Arizona, Dept. of Ecology and Evolutionary Biology



**Jenouvrier, Stephanie** 2004. Influence of environmental variability on demographic strategies of top predator populations. University of Paris VI (France), 400 pp.  
Current Institution: CNRS-CEBC, Ecology Dept.



**Johnson, Catherine L.** 2003. Dormancy in an eastern boundary current copepod. University of California at San Diego (USA), 149 pp.  
Current Institution: University of British Columbia, Dept. of Earth and Ocean Science



**Keil, Alwin** 2004. The socio-economic impact of ENSO-related drought on farm households in Central Sulawesi, Indonesia. Georg-August-University Goettingen (Germany), 226 pp.  
Current Institution: University of Hohenheim, Institute of Agricultural Economics and Social Sciences in the Tropics and Subtropics (490a)



**Knowlton, Kim M.** 2005. Mortality in Metropolitan New York under a changing climate. Columbia University (USA), 240 pp.  
Current Institution: Columbia University, Environmental Health Sciences



**Kueppers, Lara M.** 2003. Forest carbon cycling along an elevation gradient: The influence of species and climate. University of California at Berkeley (USA), 230 pp.  
Current Institution: Lawrence Berkeley National Laboratory, Earth Sciences Division



**Leiserowitz, Anthony A.** 2003. Global warming in the American mind: The roles of affect, imagery, and worldviews in risk perception, policy preferences and behavior. University of Oregon (USA), 210 pp.  
Current Institution: Decision Research



**Lewis, Joanna I.** 2005. From technology transfer to local manufacturing: China's emergence in the global wind power industry. University of California, Berkeley (USA), 356 pp.  
Current Institution: Pew Center on Global Climate Change, International Dept.



**Meskhidze, Nicholas** 2003. Iron mobilization in mineral dust and the possible effect of Asian pollution on C-uptake in North Pacific Ocean. Georgia Institute of Technology (USA), 173 pp.  
Current Institution: Georgia Institute of Technology, Earth and Atmospheric Sciences



**Mladenov, Natalie** 2004. Evaluating the effects of hydrologic change in the Okavango Delta of Botswana: Analyses of aquatic organic matter transport and ecosystem economics. University of Colorado (USA), 109 pp.  
Current Institution: University of Colorado, Inst. for Arctic and Alpine Research (INSTAAR)



**Mouriño, Beatriz** 2002. Mesoscale features (seamounts, oceanic fronts and cyclonic rings) in the NE subtropical Atlantic: Their role in the carbon budget of the euphotic layer. Universidade de Vigo (Spain), 133 pp.  
Current Institution: Universidade de Vigo, Departamento de Ecoloxía e Bioloxía Animal



**Naik, Vaishali** 2003. Interactions of the terrestrial biosphere with climate and atmospheric chemistry. University of Illinois at Urbana-Champaign (USA), 128 pp.  
Current Institution: Princeton University, Woodrow Wilson Schl of Public & International Affairs



**Petron, Gabrielle B.** 2003. Inverse modeling of carbon monoxide surface sources. University Pierre & Marie Curie (France), 252 pp.  
Current Institution: NOAA-Earth System Res Laboratory, Global Monitoring Division



**Potito, Aaron P.** 2005. A combined paleolimnological and dendroclimatological study on climate change and impacts in the eastern Sierra Nevada, California. University of California at Los Angeles (USA), 209 pp.  
Current Institution: The Ohio State University, Department of Geography



**Poulter, Benjamin** 2005. Interactions between landscape disturbance and gradual environmental change: Plant community migration in response to fire and sea-level rise. Duke University (USA), 216 pp.  
Current Institution: Duke University, Nicholas School of the Environment & Earth Sciences



**Pressley, Shelley N.** 2004. Isoprene flux measurements above a northern hardwood forest. Washington State University (USA), 164 pp.  
Current Institution: Washington State University, Dept. of Civil and Environmental Engineering



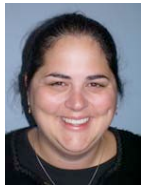
**Roy, Shouraseni Sen** 2005. An analysis of the spatio-temporal patterns of precipitation in India. Arizona State University (USA), 150 pp.  
Current Institution: University of Miami, Geography and Regional Studies



**Schlenker, Wolfram** 2003. The optimal pricing of natural resources. University of California at Berkeley (USA), 148 pp.  
Current Institution: Columbia University, Dept. of Economics & Schl of International & Public Affairs



**Schwarz, Jodi A.** 2002. Cellular and molecular aspects of cnidarian-algal symbioses. Oregon State University (USA), 121 pp.  
Current Institution: Joint Genome Institute, Evolutionary Genomics



**Shinker, Jacqueline J.** 2003. Mechanistic controls of North American climate variability. University of Oregon (USA), 152 pp.  
Current Institution: University of Wyoming, Department of Geography



**Steiner, Allison L.** 2003. The influence of atmospheric chemistry and climate on atmosphere-biosphere interactions. Georgia Institute of Technology (USA), 133 pp.  
Current Institution: University of California at Berkeley, Dept. of Env Science, Policy & Management



**Thompson, William G.** 2004. A 250,000-year record of sea level and climate from open-system coral ages. Columbia University (USA), 133 pp.  
Current Institution: Woods Hole Oceanographic Inst., Geology and Geophysics



**Wang, Jun** 2005. Air quality and radiative impacts of long-range transported aerosols over the southeastern United States. University of Alabama in Huntsville (USA), 161 pp.  
Current Institution: Harvard University, Div. of Engineering and Applied Science (DEAS)