

**SOUTHERN ECONOMIC ASSOCIATION
(SEA)**

**78th Annual Meeting
November 20 - 23, 2008
Grand Hyatt Hotel
Washington, D.C.**

AERE Sessions

Organizers:

**Sarah Stafford, College of William and Mary
John Whitehead, East Carolina University**

Session 1: Land Use and Conservation

Session Chair: Jill Caviglia-Harris
Salisbury University

(1) *Deforestation, Development, and Transition Within an Amazonian Frontier Settlement: Methods for Maintaining Quality Panel Data* by Jill Caviglia-Harris (jlcaviglia-harris@salisbury.edu), Erin Sills (North Carolina State University-NCSU), Luke Jones (University of Tennessee), Dan Harris (Salisbury University), Shubhayu Saha (NCSU), Suzanne McArdle (East Carolina University), Marcos Pedlowski (Universidade Estadual do Norte Fluminense), and Dar Roberts (University of California, Santa Barbara).

Discussant: Clay Ogg
U.S. Environmental Protection Agency
(USEPA)

(2) *Forests Versus Fuel* by Clay Ogg
(Ogg.Clay@epamail.epa.gov)

Discussant: Jill Caviglia-Harris

(3) *National Security Versus Environmental Stewardship: Optimum Design Of Conservation Reserves in and Around Military Installations* by Sahan Dissanayake (sdissan2@uiuc.edu), Hayri Önal, and James D. Westervelt (University of Illinois)

Discussant: Damian Adams, Oklahoma State University

(4) *Managing Invasive Plants on Public Conservation Lands: Application of a Bio-economic Model* by Damian C. Adams

(damian.adams@okstate.edu), Donna J. Lee, and C.S. Kim, University of Oklahoma

Discussant: Paul Chambers
University of Central Missouri
Session 2: Agriculture and the Environment

Session Chair: John R. (Skip) Crooker
Central Missouri State University

(1) *Final Evaluation of Swedish Agricultural Support Programs (2000-2006) to Reduce Nutrient Losses* by Dennis Collentine (University of Gavle)
(dce@hig.se)

Discussant: Edmund M. Tavernier, Rutgers University

(2) *A Two-Agent Dynamic Model with an Invasive Weed Diffusion Externality: An Application to Yellow Starthistle (Centaurea Solitialis) in New Mexico* by Kristine M. Grimsrud (Grimsrud@unm.edu), Janie M. Chermak, Jason Hansen, Jennifer A. Thacher, and Kate Krause (University of New Mexico).

Discussant: Dennis Collentine

(3) *Stated Preference Study of Water Use Decisions by Organic and Conventional Farmers in Georgia* by Joseph Price and Rebecca Moore
(rmoore@warnell.uga.edu) (University of Georgia).

Discussant: Jennifer A. Thacher
University of New Mexico

(4) *Economic and Environmental Impacts of the Production and Transportation of Crop Residues as Bioenergy Feedstocks in North Carolina* by Mark Burkey (North Carolina A&T State University), Stephen Holland (sphollan@uncg.edu) and Lyubov Kurkalova (University of North Carolina – Greensboro)

Discussant: Rebecca Moore, University of Georgia

Session 3: Regulating Electric Utilities

Session Chair: Catherine Shelley Norman
The Johns Hopkins University

(1) *Rate of Return Regulation and Emission Permits Trading under Uncertainty* by Fan Zhang (The Pennsylvania State University) (fxz10@psu.edu)

Discussant: Elaine Frey, George Washington University

(2) *Technology Diffusion and Environmental Regulation: The Adoption of Natural Gas-Fired Combined Cycle Generating Units* by Elaine Frey (effrey@gwu.edu)

Discussant: Catherine Shelley Norman

(3) *Uncertainty, Regulatory Risk and Risk Management In Electricity Supply and Investment Choices* by Catherine Shelley Norman (csn4348@gmail.com) and Lin Fan

Discussant: Fan Zhang
The Pennsylvania State University

Session 4: Health and the Environment

Chair: Mary Evans
University of Tennessee

(1) *Measuring Health Benefits from Interventions to Reduce Indoor Air Pollution in Rural Households in China* by Fei Yu, Mount Holyoke College [feiyu@mtholyoke.edu]

Discussant: Jon Nelson
The Pennsylvania State University

(2) *Valuing Mortality Risk Reductions for Environmental Policy Using Stated Preference Studies* by Chris Dockins, Kelly Maguire (maguire.kelly@epa.gov) and Nathalie Simon (USEPA)

Discussant: Mary Evans

(3) *On the Income Elasticity of the VSL* by Mary F. Evans (mevans12@utk.edu) and V. Kerry Smith (Arizona State University)

Discussant: Kelly Maguire, USEPA

(4) *The Use (and Abuse) of Meta-Analysis in Environmental and Natural Resource Economics: An Assessment* by Jon Nelson (jpn@psu.edu) and Peter E. Kennedy (Simon Fraser University)

Discussant: Will Wheeler, USEPA

Session 5: Voluntary Environmental Activities

Session Chair: Sarah Stafford

(1) *Participation of Firms in Voluntary Environmental Protection Program: An Analysis of Corporate Social Responsibility and Capital Market Performance* by Fei Yu (feiyu@mtholyoke.edu)

Discussant: Debra Israel, Indiana State University

(2) *Household Giving to Environmental Organizations: Evidence from the Panel Study of Income Dynamics* by Debra Israel (disrael@isugw.indstate.edu)

Discussant: Sarah Stafford

(3) *Causes and Consequences of Environmental Auditing: Evidence from Regulated Facilities in Michigan* by Mary Evans (University of Tennessee) Lirong Liu (University of Tennessee) and Sarah Stafford (slstaf@wm.edu)

Discussant: Fei Yu, Mount Holyoke College

(4) *Recovering Omitted Attributes with Pseudo-Bayesian Techniques: Non-observed Religiosity Characteristics and Public Good Contributions* by Paul E. Chambers (University of Central Missouri) (pchambers@ucmo.edu) and John (Skip) Crooker (Central Missouri State University)

Discussant: Chris Dumas
University of North Carolina,
Wilmington

Session 6: Fisheries

Chair: John Whitehead
East Carolina University

(1) *License Buyback Auctions: An Experimental Analysis* by Matthew A. Freeman (University of Rhode Island) (mfreeman@mail.uri.edu) and Richard T. Woodward (Texas A&M University)

Discussant: Tae-goun Kim, Mississippi State University

(2) *Evaluating the Role of Variable and Model Selection in Propensity Score Based Weights: An Application to Recreation Site Choice Models* by

Paul Hindsley (prh0902@ecu.edu) (East Carolina University)

Discussant: Matt Massey, USEPA

(3) *The Problem of Spatial Dependence in Fishing Site Choice Models* by Cameron Cameron Speir (cameron.speir@gmail.com) (University of Illinois)

Discussant: Matthew Freeman
University of Rhode Island

(4) *Inter-dependent Resource Economic Theory: Dynamical Bioeconomic Model of Marine Sand and Fisheries* by Tae-goun Kim (kim@agecon.msstate.edu) (Mississippi State University) and Thomas A. Grigalunas, James J. Opaluch (University of Rhode Island).

Discussant: Cameron Speir, University of Illinois
Session 7: Evaluating Environmental Impacts

Session Chair: Okmyung Bin
East Carolina University

(1) *Measuring the Impacts of Sea-Level Rise on Coastal Real Estate in North Carolina – A Hedonic Price Approach* by Okmyung Bin (bino@ecu.edu), Ben Poulter (Potsdam Institute for Climate Impact Research), Chris Dumas (University of North Carolina, Wilmington) and John Whitehead (Appalachian State University)

Discussant: Scott Farrow
University of Maryland, Baltimore
County

(2) *Adaptive Capacity and Welfare Loss in Drought-Prone Brazil* by Valerie Mueller (yam2105@columbia.edu) (Columbia University), Harounan Kazianga (The World Bank) and Alexander Pfaff, Kenneth Broad, and Renzo Taddei (Columbia University)

Discussant: Catherine Chambers
University of Central Missouri

(3) *Estimating the Effect of School Indoor Air Quality on Academic Outcomes* by Tess Stafford (tms546@eco.utexas.edu) (University of Texas)

Discussant: Valerie Mueller, Columbia University

(4) *Random Error and Simulation Models with an Unobserved Dependent Variable as Applied to the*

Benefits and Costs of the Clean Air Act by Scott Farrow (Farrow@umbc.edu)

Discussant: Okmyung Bin

Session 8: Recreation and the Environment

Chair: George Parsons
University of Delaware

(1) *Estimating a Site Choice Recreation Demand Model Using Aggregate Data on Seasonal License Purchases* by Matt Massey (Massey.Matt@epamail.epa.gov), Steve Newbold, and Adam Daigneault (USEPA)

Discussant: Paul Hindsley, East Carolina University

(2) *Weak Complementarity and Willig Condition: An Empirical Examination* by Ju-Chin Huang (jchuang@cisunix.unh.edu) (University of New Hampshire), Daigee Shaw (Chung-Hua Institution for Economic Research) and Yu-Lan Chien (National Taipei University)

Discussant: George Parsons

(3) *Air Quality and Forecasts: The Effects of Ozone Alerts on Driving and Outdoor Recreation Behavior in Atlanta* by Douglas Noonan (Georgia Institute of Technology) (Douglas.Noonan@pubpolicy.gatech.edu)

Discussant: Ju-Chin Huang

(4) *Valuing Short Term Beach Closures on the Gulf Coast of Texas* by George Parsons (gparsons@udel.edu) and Stela Stefanova (University of Delaware)

Discussant: Douglas Noonan

Session 9: International Environmental Issues

Session Chair: Siwa Missangi
International Food Policy Research
Institute (IFPRI)

(1) *On the Trade Liberalization in Environmental Goods and Services* by Alain-Désiré Nimubona (University of Waterloo) (animubon@uwaterloo.ca)

Discussant: Siwa Msangi

(2) *The Dynamics of Learning and Environmental Externalities in Transboundary Pollution Problems* by Siwa Msangi (s.msangi@cgiar.org)

Discussant: Alain-Desire Nimubona

(3) *Why a Different Approach Is Required if Global Climate Change Is to Be Controlled Efficiently or Even at All* by Alan Carlin (USEPA)
(Carlin.Alan@epamail.epa.gov)

Discussant: Patrick Karani
Development Bank of Southern Africa

(4) *Climate Change Mitigation Strategies: The Role of Development Finance Institutions* by Patrick Karani (PatrickK@dbsa.org)

Discussant: Alan Carlin

Session 10: Stated Preferences

Chair: Will Wheeler, USEPA

(1) *Exploring Respondent's Perception of Bid Design Precision in Nonmarket Valuation* by Chris Azevedo (cazevedo@ucmo.edu) (Central Missouri State University), John Crooker (Central Missouri State University) and Brian Pattiz (The Iowa State University)

Discussant: Tim Haab, The Ohio State University

(2) *Estimating Willingness of Citizens to Pay for Recycling* by Glenn C. Blomquist, David Hardesty, Margaret Hughes, Brandon Koford (bckof02@uky.edu), Fred Morgan, Kenneth Troske (University of Kentucky)

Discussant: Chris Azevedo
Central Missouri State University

(3) *Using Dynamic Models to Capture Sequence Effects in Multiple Responses Revealed and Stated Preference Surveys* by Bin Sun (The Ohio State University), Tim Haab (haab.1@cfaes.osu.edu) (The Ohio State University) and John Whitehead (Appalachian State University)

Discussant: John (Skip) Crooker
Central Missouri State University

(4) *The Decision to Manage Invasive Weeds: Which Factors Matter?* by Jennifer Thacher (jthacher@unm.edu), Kristine M. Grimsrud, Janie M. Chermak, Kate Krause (University of New Mexico)

Discussant: Brandon Koford, University of Kentucky

Session 11: Environmental Policy Design and Analysis

Session Chair: Christian A. Vossler
University of Tennessee - Knoxville

(1) *Nonpoint Water Pollution Regulation with Dynamic Taxes* by Christian A. Vossler* (cvossler@utk.edu), Jordan F. Suter (Cornell University) and Gregory L. Poe (Cornell University)

Discussant: Dennis Collentine

(2) *Program Design for a Tradable Permit System for Nutrient Loads to the Baltic Sea* by Dennis Collentine (Dennis.Collentine@hig.se)

Discussant: Christian A. Vossler
(3) *How 'Smart' is the Split-Rate Property Tax? Evidence from Growth Patterns in Pennsylvania* by Spencer Banzhaf (hsbanzhaf@gsu.edu) and Nathan Lavery (Georgia State University)

Discussant: Charles Towe
University of Maryland, College Park

(4) *Testing the Effect of Neighboring Open Space on Development Using Propensity Score Matching* by Charles Towe (ctowe@arec.umd.edu or ctowe@ers.usda.gov) and Nancy Bockstael (University of Maryland, College Park)

Discussant: Spencer Banzhaf

Session 12: Environmental Management

Chair: Tim Haab

(1) *The Impact of Beach Nourishment on Beach Hotel Room Rentals* by Catherine M. Chambers (chambers@ucmo.edu) (University of Central Missouri) and Christopher F. Dumas (University of North Carolina, Wilmington)

Discussant: Edmund M. Tavernier

(2) *Flood Insurance Coverage in the Coastal Zone*
by Craig E. Landry (landryc@ecu.edu) and
Mohammad Jahan-Parvar (East Carolina University)

Discussant: Lynne Lewis
Bates College

(3) *Do Benefits Really Transfer? A Fish Tale across
3 Rivers* by Lynne Y. Lewis (llewis@bates.edu)

Discussant: Craig Landry
East Carolina University

(4) *Encouraging Wildlife Habitats: A New Jersey
Case Study* by Edmund M. Tavernier (Rutgers
University) (etavernier@AESOP.Rutgers.edu)

Discussant: John Whitehead