

Camp Resources XI*

Wilmington Hilton
301 North Water Street
Wilmington, NC 28401

August 18-19, 2003

Draft 7/8/2003

SCHEDULE

MONDAY, AUGUST 18

- 8:00 – 8:20 Coffee, Juice, Danish, etc.
- 8:20 – 8:30 Welcome and Logistics
V. Kerry Smith
- 8:45 – 10:15 *Spatial Delineation in Environmental Economics*
- “Sprawl: A Portrait from Space”
Matthew Turner, University of Toronto
- “‘The Marginal Non-Market Value of Cropland and Optimal Buffer Length”
Nicolai Kuminoff, North Carolina State University
- “‘The Cost Effectiveness of Alternative Instruments to Control Urban Sprawl”
Antonio Bento, University of California, Santa Barbara
Sofia Franco, University of California, Santa Barbara
Daniel Kaffine, University of California, Santa Barbara
- “‘A General Equilibrium Model of Regional Economy and Land Use”
Alex Anas, SUNY, Buffalo
Elena Safirova, Resources for the Future
- 10:30 – 10:45 Coffee Break
- 10:45 – 12:15 *Combining Data in Non-Market Valuation*
- “‘A Simplified Approach for Estimating the Aesthetic Impact of a

* Camp Resources is supported by the United States Environmental Protection Agency, Resources for the Future, and CEnREP at NCSU.

Shipwreck: Combining SP and RP Techniques”
Poh Boon Ung, Triangle Economic Research
Doug MacNair, Triangle Economic Research

“Combining Market and Survey Data for Valuing Environmental Improvement”
Arianto A. Patunru, University of Illinois at Urbana Champaign
John B. Braden, University of Illinois at Urbana Champaign
Sudip Chattopadhyay, San Francisco State University

“Valuing Recreational Benefits in Coral Reef Marine Protected Areas: An Application to the Bonaire National Marine Park”
Steve Thur, University of Delaware

12:15 – 1:45 Lunch (lunch provided)

“Research Opportunities: EPA Star Program”
Matthew Clark, U.S. Environmental Protection Agency

1:45 – 3:15 *Information, Incentives, and Impacts on Environmental Resources*

“Information Disclosure and Firm’s Abatement Decisions: The Two Firm Case”
Tapas K. Ray, University of Connecticut

“The Role of Reputation and Market Competition in Hazardous Waste Compliance”
Sarah L. Stafford, College of William and Mary

“Moral Hazard and Observability: Team Agency and Fisherman Remuneration Systems”
Michael K. Price, University of Maryland
Ted McConnell, University of Maryland

3:15 – 3:30 Coffee Break (with snacks)

3:30 – 5:30 *Measuring Recreation Demand: Data Structures, Quality Measures, Temporal Dimensions and Econometrics*

“Modeling Recreation Demand for a System of Sites when the Data are Gathered On-Site”
Ivaylo Minkov, Iowa State University
Joseph Herriges, Iowa State University
Jean Opsomer, Iowa State University

“Water Quality and Recreational Fishing: An Examination of the Effects of Using Temporally Aggregated Water Quality Measures”

Matt Massey, U.S. Environmental Protection Agency
Steve Newbold, U.S. Environmental Protection Agency

“Seasonality as a Source of Information for Recreation Demand Modeling”

Dave Kritzberg, University of Colorado

“Function Transfer in Random Utility Models of Recreation Demand Using Monte Carlo Analysis to Analyze the Importance of the Scale Parameter”

Robert L. Hicks, College of William and Mary

5:30 - 7:00 Informal Seminar with Refreshments

(Dinner on your own)

TUESDAY, AUGUST 19

7:45 – 8:15 Coffee, Juice, and Muffins

8:15 – 10:15 *Non-Renewable and Renewable Resources – Some New Perspectives*

“A General Model of Barrier Island Erosion Management – With Application to Optimal Response under Sea Level Risk”

Craig E. Landry, University of Maryland

“Why an Increasing Trend in Reserves, but not in Observed Prices, Implies Resource Depletion”

Wolfram Schlenker, University of California, San Diego

Brian Wright, University of California, Berkeley

“A Solution to the Tragedy of the Commons and a Problem for Anti-Trust Authorities”

Stephen W. Salant, University of Michigan

Martin D. Heintzleman, University of Michigan

“An Efficient Mechanism to Control Correlated Externalities: Redistributive Transfers and the Co-Existence of Regional and Global Pollution Permit Markets”

Arthur J. Caplan, Utah State University

Emilson Silva, Tulane University

10:15 – 10:30 Coffee Break

- 10:30 – 12:00 *Micro Economic Issues in Air Pollution and Health*
- “Efficiency Effects of Alternative Allowances Allocation Mechanisms for Common Electricity Sector Pollutants”
David A. Evans, Resources for the Future
- “Motor Vehicle Wealth Taxes and Fleet Age: Air Quality Implications”
Karie A. Barbour, University of Tennessee
- “Forest Malaria: A Microeconomic Perspective”
Catherine Corey, RTI, International

12:00 – 1:30 Lunch (lunch provided)

1:30 – 3:00 *Linking Ecological and Economic Models: Dual Perspectives*

The objective of this session is to outline the modeling issues associated with linking ecological and economic models. This effort will be part of a larger set of activities intended to design a research program to estimate the empirical role of the services of ecological systems in production and preference relationships. This session and the next one seek to outline what is known in this area, to highlight researchable issues, and to develop some perspective on the pros and cons of different strategies for addressing the tasks required to integrate ecological services into economic models.

(1:30 - 2:30) "Ecological Services and Renewable Resource Models"
James N. Sanchirico, Resources for the Future

(2:30 - 3:00) "Ecological Services and Preference Modeling"
V. Kerry Smith, North Carolina State University

3:00 – 3:15 Coffee Break

3:15 – 4:30 *Panel on Ecological / Economic Modeling Interactions*

This panel is intended to lead off discussion that is anticipated from all of the workshop participants on the issues raised by **Sanchirico** and **Smith** with respect to the modeling of ecological services in different economic frameworks.

Each panelist will initially focus on the presentations from different perspectives: **Finoff** (Ecological Services/Renewable

Models); **Banzhaf** (Ecological Services/Preferences); **Bento** and **Walsh** (commonalities and differences in the two perspectives).

H. Spencer Banzhaf, Resources for the Future

David Finoff, University of Central Florida

Randy Walsh, University of Colorado, Boulder

Antonio Bento, University of California, Santa Barbara