Proceedings of the 2005
Northeastern Recreation Research Symposium

April 10th, 11th, & 12th

Program Chair:
Ellen Drogin Rodgers
George Mason University

Compiled and Edited by:
John G. Peden
Georgia Southern University
and
Rudy M. Schuster
SUNY College of Environmental Science and Forestry

Sponsors:
USDA Forest Service
Club Venture Publishing

Published by:
USDA Forest Service, Northeastern Research Station
Contents

Tourism Planning
Developing Tourism Goals and Objectives for the Parks Canada Agency ............................................. 2
Clark T. W. Zeeland, Pengbo Zou, Paul F. J. Eagles, Liya M. Bickis, Alison J. Aspinall

From Resource Dependence to Tourism: Discourses of Place in Two Vermont Towns .............................. 7
Emilian Gezzi, Patricia Stokowski

Understanding Web Travel Search and Purchase Behaviors ........................................................................... 16
Angela Kah, Christine A. Vogt

Roundtable Discussion
The Current State of Heritage Areas Research: Challenges and Opportunities ........................................... 24
Suzanne Copping, Susan Martin

Perceptions and Preferences
Role of Natural and Cultural Features in Residents’ Perceptions of Rural Character ............................... 32
Dori Pynnonen, Dennis Propst, Christine Vogt, Maureen McDonough

The Role of Risk Perception in a One-day Wilderness Whitewater Rafting Trip ..................................... 39
Wade Vaginas, Duarte Morais, Daniel Dezubeck

Use, Users, and Benefits of the West Branch of the Farmington River .................................................... 48
Roger L. Moore, Christos Siderelis

Impact Monitoring
A Classification of Major Springs in Florida Using the Water Recreation Opportunity Spectrum Framework ......................................................................................................... 58
Nam-Yun Kil, John Confer

Evaluating the Effectiveness of Wilderness Campsite Monitoring at Linville Gorge Wilderness ........... 66
Craig M. Colistra, Dr. Joseph P. Flood

Developing a Research Process to Monitor Social Conditions in Five Adirondack Park Protected Areas ......................................................................................................................................... 70
Chad P. Dawson, Nancy A. Connely, Tommy L. Brown

Management Presentations
Managing Volunteers: Developing and Implementing an Effective Program ............................................ 80
Joseph P. Flood, Eric Gardner, Kelvin Yarrell

Linking Research, Legal Mandates and Public Input to Update Michigan’s ORV Plan ............................ 89
Charles M. Nelson, Robin McCoy

Throw Away Your Old Environmental Education Trunks and Surf Into the Future ................................ 95
Anthony Ammirati, Joseph P. Flood

Using Participant Observation to Study Recreation Management Decision-making ............................. 103
Kenneth Chilman

Founder’s Forum
Back to the Future: Trends in Northeast Recreation, Tourism and Future Research ............................... 110
A Founder’s Forum Presentation

Rodney B. Warnick
Poster Session

Ethical Issues in Recreation Research as Perceived by Recreation, Park Resources, and Leisure Services Faculty ......................................................... 120
Bruce W. Groves, Ruthie Kucharewski, Eric L. Longsdorf

Just Don't Tell Me No: Managing OHV Recreational Use on National Forests ......................................................... 130
Joseph P. Flood

Emergency Preparedness and Tourism: Both Win with Help of the Amateur Meteorologist .......... 135
Robert S. Bristow, Karl Leiker, Roland DeBlois

Assessing the Public's Attitude Toward Fees at Wildland Recreation Sites ......................................................... 140
Candice Riley, Roy Ramthun

Balancing Leisure and Work: Evidence from the Seasonal Home ......................................................... 144
Susan L. Stewart, Kenneth M. Johnson

Sustainable Tourism Infrastructure Planning: a GIS Based Approach ......................................................... 151
Bas Boers, Stuart Costrell

A Preliminary Investigation of Shopping Patterns at a Tourist Focused Outlet Center ................ 161
Andrew Holdnak

Methodology I

Capturing the Hike Experience on Video: a New Methodology for Studying Human Transactions with Nature ......................................................... 168
Claudia Mausner

Interpretive Theme Development from First Impressions and Visitor Center Evaluations at the Spruce Knob-Seneca Rocks National Recreation Area, WV ......................................................... 177
Karissa A. DeCarlo, Chad D. Pierskalla, Steven W. Seliu, Jason M. Siniscalchi

Environmentalism and Ethics

Measurement of Direct-Use Wilderness Values: A Qualitative Study ......................................................... 188
Rudy Schuster, H. Ken Cordell, Brad Phillips

The Meaning of “Nature”: Insights from Cognitive Linguistics ......................................................... 196
Herbert Schroeder

Crowding and Carrying Capacity

Climbers’ Attitudes Toward Recreation Resource Impacts in The Adirondack Park ................. 204
Christopher A. Monz, Katherine E. Smith, Leah Knickerbocker

Visitor Perceptions of Crowding: an Exploratory Study in The Mohonk Preserve ................ 212
Kevin Grieser, Chad Dawson, Rudy Schuster

Management Issues

Employee Perceptions of Protected Area Law Enforcement ......................................................... 222
Christopher J. Wynveen, Robert D. Bixler, William E. Hammitt

An Analysis of Homeowner and Agency Wildland Fire Mitigation Strategies .................. 231
James D. Absher, Jerry J. Vaske

Constraints

An Examination of the Motivation – Enduring Involvement Relationship ......................................................... 238
Gerard Kyle, James Absher, William Hammitt
Racial Discrimination in Parks and Outdoor Recreation: an Empirical Study ................................................. 247
Rebecca Stanfield, Robert Manning, Megha Budruk, Myron Floyd

Perceived Opportunities and Constraints on Participation in a Massachusetts Youth Hunt ........................................ 254
Rodney Zwick, Jeremy Flaherty, David Solan, Mark Tisa, Susan Langlois

Urban Park and Community Forestry: Use and Management
Easement-based Land Conservation and Recreational Access in the Northern Forest ............................................. 264
Bryan Davis, Patricia A. Stokowski, David E. Capen

Urban and Community Forestry Stewardship in Baltimore: Assessing Opportunities Using Conjoint Analysis ................................................................. 270
Donald F. Dennis, J. Morgan Grove

Parks and the Geography Of Fear .................................................. 273
Luis Suau, John Confer

Methodology II
Methodological Challenges to Estimating Recreation Use Over a Large Geographical Area: a Case Study of 35 TVA Reservoirs ........................................... 280
Robert Baumgartner, Pam Rathbun, Marty Phillips, George Humphrey

Data Mining in Recreation Research: Determinants of Place Attachment in Recreational Camps and Cottages ......................................................... 286
Jeremy S. Flaherty, Rodney R. Zwick, Ralph B. Brown

Market Segmentation
An Analysis of Attitudes Towards the Comprehensive Everglades Restoration Plan Using Market Segmentation .................................................. 296
Jeffrey J. Bransford, Robert D. Bixler

Multi-use Trails: Truly Multi Use .............................................. 303
Josh Pedersen, Christine A. Vogt, Charles Nelson

Leisure Activity Patterns and Household Composition: the Changing Household ..................................................... 308
Paige P. Schneider, Dr. Christine A. Vogt

Tourism and the Tourist Experience
Service Quality in Tourism: a Case Study of the 2001 Study Tour of Taiwan .............................................. 318
Alvin Hung-Chih Yu, Duarte Morais, Garry Chick

Museum Visitors' Perspectives on and Preferred Experiences for Heritage Tourism ................................................. 326
Gail A. Vander Stoop

Predictors of Sustainable Tourism: Resident Perceptions of Tourism in Holland and China ........................................... 337
Stuart Cottrell, Jerry J. Vaske, Fujun Shen

Exploring Differences Between Positivistic and Post-positivistic Philosophy: an Interpretivistic Case Study of Tourist Expectations & Satisfaction ........................................... 345
Trace Gale, Karen Beeffink

Movie Effects on the Image of Thailand Among College Student Travelers .............................................. 355
Rodney B. Warnick, David C. Bojanic, Artitaya Siriangkul

Leisure, Work, and Physical Activity
Flow Experience Among Appalachian Trail Thru-hikers .................................................. 366
Allan S. Mills, Thomas S. Butler
Exploring the Usefulness of the Dispositional Flow Scale for Outdoor Recreation Activities
Joshua G. Whitmore, William T. Borrie

Place Attachment
The Importance of Place and the Substitutability of River REcreation Resources:
Empirical Evidence from the Chattooga Wild & Scenic River
Erik A. Backlund

Recreation Patterns at Lava Lands Recreation Area, Newberry National Volcanic Monument
Elizabeth A. Covelli, Robert C. Burn, Alan R. Graefe

Trail Condition Preferences of Horseback Riders on the Clemson University Experimental Forest
J. Morgan Gibson, Lisa K. Machnik, Dr. William E. Hammitt

Place Attachment and Perceptions of Benefits Generated by the Future Tioughnioga River Trail Project
Sharon L. Todd, Lynn S. Anderson

Recreational and Commercial Fishing: Experience and Impacts
A Discriminant Analysis of Social and Psychological Factors Influencing Fishing Participation
Diane Kuehn

Fishing Heritage Festivals, Tourism, and Community Development in the Gulf Of Maine
Stefan Claeison, Robert A. Roberson, Madeleine Hall-Arber