National Association of Recreation Resource Planners

2009 Annual Conference
Pittsburgh, PA

Creating Sustainable Communities Through Regional Recreation Planning

Pennsylvania Department of Conservation and Natural Resources
2009 NARRP Conference: Program at a Glance

**Monday, April 27th**

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<th>Time</th>
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<tr>
<td>9:00am - 5:00pm</td>
<td>Exhibitor Set-up (Heinz and Allegheny)</td>
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<td>2) Rafting the Youghiogheny River</td>
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<td>3) Fly-fishing the Streams of Southwest Pennsylvania</td>
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<tr>
<td>5:00pm - 7:00pm</td>
<td>Welcome Reception (Kings Garden South and LeBateau)</td>
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<td>7:00pm</td>
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<td>Concurrent Sessions B (Duquesne, Benedum, Ft. Pitt)</td>
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Thursday, April 30th continued ...

2:45pm – 4:15pm     Concurrent Sessions D (Duquesne, Benedum, Ft. Pitt)
4:30pm – 5:00pm     Conference Synthesis Presentation (Sterlings 2 and 3)
5:00pm – 5:15pm     Closing Comments
5:30pm              Dinner (on your own)
8:00pm              Hospitality Room Opens (Birmingham)

Friday, May 1st

8:00am – 11:00am    NARRP Board Meeting
(State Office Building, 14th Floor Conference Room)

TRAVEL SAFELY!
2009 NARRP Conference: Full Program

Monday, April 27th

9:00am – 5:00pm  Exhibitor Set-up (Heinz and Allegheny)

9:00am – 4:30pm  Optional Field Trips (Meet in Main Lobby)
Additional trip details can be found in the Field Workshops section.
1) The Homes of Frank Lloyd Wright – Kentuck Knob and Fallingwater
2) Rafting the Youghiogheny River
3) Fly-fishing the Streams of Southwest Pennsylvania

9:00am – 4:30pm  Self-guided Tours of Pittsburgh
Below is a quick list of suggested sights to see in the downtown area.
Additional information can be found in the Area Information section of your binder. Any questions, please ask the Conference Staff or the Hilton Concierge.
- Carnegie Museums of Art, Natural History and Science Center
- The Duquesne Incline and Station Square
- The Andy Warhol Museum
- Phipps Conservatory and Botanical Gardens
- South Side Works

12:00pm  Business Office Opens (Smithfield)

3:00pm – 9:00pm  Registration Desk Open (Heinz and Allegheny)

5:00pm – 7:00pm  Welcome Reception (Kings Garden South and LeBateau)

7:00pm  Dinner (on your own)

8:00pm  Hospitality Room Open (Birmingham)
Tuesday, April 28th

7:00am - 8:00am  Continental Breakfast (LeBateau)

7:30am - 5:00pm  Registration Desk Open (Heinz and Allegheny)

8:00am  Welcome and Opening Comments (All morning sessions and the Awards Luncheon will be held in Kings Garden North and South)
Heather Bennett and Matt Beaver, Conference Chairs
Cindy Adams Dunn, Deputy Secretary for Conservation and Technical Services, PA Dept. of Conservation and Natural Resources

8:30am - 9:30am  Keynote Address: Keeping it Real in a Virtual World
Dr. Patricia Zaradic, Red Rock Institute
Regular contact with nature is known to perpetuate a love of nature. However, since the late 1980s and early '90s people are participating less in nature-based activities, which could lead to serious implications for biodiversity and conservation. Dr. Patricia Zaradic reports on her research identifying this decline and its close correlation to “videophilia”. Her research examines 16 long-term datasets to gauge participation in nature-based recreation including: visits to national parks in the U.S., Japan and Spain, U.S. state parks, as well as the number of hunting, camping and hiking permits issued. If current and future generations have less contact with nature, they are also less likely to make issues of biodiversity and conservation a political and individual priority.

9:45am - 10:45am  Panel Session and Discussion: Future Trends and Needs in Recreation Resource Planning
Bob Ratcliffe, Director, Bureau of Land Management, Recreation and Visitor Services
John Norbeck, Director, Pennsylvania State Parks
Glenn Haas, President, NARRP
This morning panel session will set the stage for the conference by discussing what trends and needs are affecting the profession of recreation resource planning. A cross-section of state, federal and private sector panelists will provide their views, followed by questions and audience input.

10:45am - 11:30am  Networking Session (LeBateau)
Enjoy a little time to connect with your colleagues from across the country. Use this opportunity to meet some of the many new faces attending this year’s conference.

11:30am - 1:00pm  Awards Luncheon and 25th Annual Board Reunion

2009 NARRP Conference – Pittsburgh, Pennsylvania
1:15pm – 2:45pm  Concurrent Sessions A

I. SCORP: Forty Years of Best Practices and Lessons Learned (Benedum)
Pat Gillespie, National Park Service; Becky Kelley, Georgia Dept. of Natural Resources; Antionette Norfleet, Georgia Dept. of Natural Resources; John Davy, Virginia Dept. of Conservation and Recreation; Jeff Prey, Wisconsin State Park System

This panel presentation will begin with reviewing the basic requirements of the Statewide Comprehensive Outdoor Recreation Plan process as set forth in the Land and Water Conservation Fund Act and administered by the National Park Service. Also, state agency planning officials will share their personal experiences, best practices and advice gleaned from their own SCaRP efforts including lessons learned, some the hard way. The session will wrap up with a review of where to go to get support and guidance and time to interact with the panelists.

II. Delivering on the Promise: The Economic Impact of the Great Allegheny Passage (Duquesne)
Linda McKenna Boxx, Allegheny Trail Alliance; Cathy McCollom, The Trail Town Program

The Great Allegheny Passage is a multiple-use, 132-mile trail that is part of a long-distance trail network connecting Pittsburgh, PA to Washington, DC. Over $65 million has been invested and spent in building the trail. Learn how trail builders from six counties in two states came together to build the Passage and how economic development along the trail is being promoted so the promise of return on investment is realized in the Trail Towns.

III. Planning to Enhance the Visitor Experience (Ft. Pitt)
Miranda Crotsley, PA Dept. of Conservation and Natural Resources; Michael Mumau, Laurel Hill State Park

Transforming visitors to public lands from passive participants into active stewards and advocates for natural resources is a daunting challenge, but one that Pennsylvania State Parks has met head on. In this session, participants will learn of an on-going project to determine and implement best practices and tools for creating those transformative visitor experiences by connecting outdoor recreation programming, management practices, and stewardship messages through thoughtful planning. We will discuss the use of an interpretive planning tool (the Visitor Experience Model) to inform this project, the process of identifying best practices and tools, and plans for implementation.

2:45pm – 3:00pm  Break with Refreshments (Heinz and Allegheny)
3:00pm - 4:30pm Concurrent Sessions B

I. River Corridor Planning in the Pennsylvania Wilds (Duquesne)

Brenda Adams-Weyant, Fermata, Inc.; Meredith Hill, PA Dept. of Conservation and Natural Resources

Governor Rendell launched the Pennsylvania Wilds initiative in late 2003 to encourage the growth of tourism and related businesses in north central Pennsylvania. The goal of this effort is to promote recreation and public use while continuing to protect the natural resources of the region. Recreational use on the several streams across the PA Wilds prompted PA DCNR to engage communities in the planning and implementation of projects to ensure the continued health of the streams, enhance recreational access and protect the quality of life in the local communities. This session will explore the methods used that lead to the active community engagement and the partnership approach to implementation. Two case studies will be featured.

II. Branding the Outdoor Recreation Community (Benedum)

Ginette Walker-Vinski, Sustainable Pittsburgh; Jon Lucadamo, Venture Outdoors; Peter Greninger, REI, Inc.; Walter Burlack, The Student Conservation Association

Come learn how a group of outdoor recreation providers and stakeholders tackled the challenge of increasing awareness of the many outdoor recreation opportunities available in southwestern Pennsylvania. This unique collaboration, while faced with tough obstacles, reached a turning point in changing the minds of residents about outdoor recreation in southwestern PA. How did this group do it? Get insights on strategy, lessons learned, and what you can do on improving the use of natural amenities in your neck of the woods.

III. Trails System Planning (Ft. Pitt)

Brenda Barrett, PA Dept. of Conservation and Natural Resources; Steve Elkington, National Park Service; Adam Mattis, PA Dept. of Conservation and Natural Resources

Experts at the national and state level will present strategies and conduct an interactive discussion on planning and managing trails systems across large landscapes. This session will present a new analysis of best practices in management planning under the National Trails System Act with examples from across the country. The session will also look at the work of the host state Pennsylvania in developing a new data-driven approach to identifying, planning, and funding an interrelated recreational trail system. It will look at the role that GIS technology and user-generated content play in developing a statewide initiative. The relationship of this work to the development of State’s Comprehensive Outdoor Recreation Plans (SCORP) will also be discussed.
5:00pm – 6:30pm  Cracker Barrel Reception and Poster Sessions (Heinz and Allegheny)
In case you wondered, the definition of cracker barrel is “typical of the informal discussions on all subjects held by persons gathered at the country store.” We will gather around our exhibitors and poster session hosts to learn about their work and reflect on our first day together.

6:30pm  Dinner (on your own)

8:00pm  Hospitality Room Open (Birmingham)

Wednesday, April 29th

7:00am – 8:00am  Continental Breakfast (Heinz and Allegheny)

7:30am – 5:00pm  Registration Desk Open (Heinz and Allegheny)

8:00am – 4:30pm  All-Conference Field Trip to the Laurel Highlands Conservation Landscape Initiative and Ohiopyle State Park (Meet in Hotel Lobby – Liberty Avenue Entrance. Buses will depart at 8:15am)
Conference attendees will trek to southwestern Pennsylvania for a first-hand experience of the Laurel Highlands. Ohiopyle will serve as base camp as participants conduct a Trail Town Assessment, and learn about the management of Ohiopyle State Park and the surrounding community. Please plan for the weather and wear comfortable shoes. A lunch buffet and drinking water will be provided. A detailed schedule can be found in the Field Workshops section.

6:00pm – 8:30pm  Conference Banquet and Live Auction at Heinz Hall
Home to the Pittsburgh Symphony, magnificent Heinz Hall will host our evening festivities. Cash bar will begin at 6:00pm, with the Live Auction scheduled to kick off at 6:30pm. A buffet dinner will begin at 7:30pm. Dress is casual.
Walking Directions: Depart the Hilton via the Liberty Street Exit, and walk up Liberty Avenue to Penn Avenue (about 5 blocks). Heinz Hall is located at 600 Penn Avenue, and will be on your right.

8:30pm  Hospitality Room Open (Birmingham)
7:00am – 8:30am  NARRP Member Business Meeting and Continental Breakfast (Benedum)

7:30am – 12:00pm  Registration Desk Open (Heinz and Allegheny)

9:00am – 11:30am  Half-day Workshops

These workshops give conference attendees a little more time to focus on a key area of interest. Attendees can select one of the four options listed below. Workshops II – IV will run rain or shine, and require participants be prepared by wearing appropriate outdoor clothing and comfortable shoes. Additional details can be found in the Field Workshops section.

I. The Next 50 Years of LWCF’s Statewide Comprehensive Outdoor Recreation Plan (Duquesne)
   Facilitated by NARRP and the National Park Service
   A 2 ½ hour facilitated session to discuss and recommend a path to strengthen SCORP planning in the U.S.

II. Riverfront Trail Bike Tour (Meet at Commonwealth Place Entrance)
   Hosted by Venture Outdoors and Friends of the Riverfront

III. Sustainable City Tour (Meet at Heinz and Allegheny)
   Hosted by Sustainable Pittsburgh and Riverlife Task Force

IV. Point State Park Walking Tour (Meet at Liberty Avenue Entrance)
   Hosted by the City of Pittsburgh and DCNR

11:30am – 12:45pm  Lunch (on your own)

1:00pm – 2:30pm  Concurrent Sessions C

I. Regional Recreation Economics: A Key Message to Communicate to Stakeholders (Duquesne)
   Scott Jackson, Dr. Wen-Huei Chang, and Kathleen Perales, US Army Corps of Engineers
   The purpose of this session is to: provide an overview of the concepts behind regional recreation economics; address the need for conducting regional economic impact analysis for recreation; discuss factors affecting regional economic impact estimates; identify tools to estimate the regional economic impacts of recreation activities; and present approaches for using economic impact information to effectively communicate with stakeholders.

2009 NARRP Conference – Pittsburgh, Pennsylvania
II. Regional REC Think (Benedum)

*Tom Christensen, ETS – US Forest Service*

Most of our citizens/customers think regional, so why not THINK and PLAN regionally when it comes to tourism and recreation? Join in to add a simple six-step process to your professional tool kit for creating a sustainable regional tourism coalition. Learn how this REC THINK process will allow you to engage more tourism leaders in joint efforts with the power of a coalition. Participants will also be able to share their regional tourism challenges and how Regional REC THINK might help them advance their regional objectives. Don't leave NARRP without your REC THINK card! (all session participants will get their own success card)


Recreation planning organizations often do not have sufficient human capital to complete projects, requiring planners in management positions to look for outside resources. This panel session will highlight the benefits and the risks of using external resources to complete projects. Session participants will: understand the different types of partnering arrangements that can be employed to use external resources; understand for what types of projects using external resources is productive; and gain firsthand knowledge of what works well and what does not work so well when project work is completed with external resources (consultants).

2:30pm – 2:45pm  Break with Refreshments (Heinz and Allegheny)

2:45pm – 4:15pm  Concurrent Sessions D

I. Scenic Byway Planning (Duquesne)

*David Dahlquist, David L. Dahlquist Associates, LLC*

This session will provide an overview of the key concepts of byways and byway planning; and overview of the National Scenic Byway Program of the Federal Highway Administration; several case studies from states and specific project examples; and discussion among participants of how byways fit with other recreation, natural, historic and scenic resources. State and nationally designated byways provide recreation experience opportunities unto themselves as well as access to many of the country's most treasured recreation resources. This session will provide valuable information for recreation planners who are new to byways as well as for those who are experienced in byways to share experiences and lessons learned.

2009 NARRP Conference – Pittsburgh, Pennsylvania
II. Making the Park Master Planning Process More Efficient (Benedum)
Robert Reinhardt, New York State Office of Parks, Recreation and Historic Preservation
The Planning Bureau was given the task of producing five master plans and five other plans for each year over a five-year period. As a result, the existing processes were re-evaluated to make them more efficient. The session will focus on processes utilized, templates and guidelines developed for each step of the planning process, and lessons learned.

III. Measuring Recreation Use (Ft. Pitt)
Robert Burns, West Virginia University; Alan Graefe, The Pennsylvania State University
This session will provide a description of the US Forest Service National Visitor Use Monitoring (NVUM) program. The presentation will include background information about this use measurement program, highlights of results over the 10-year life of the program, issues in collection of recreation visitor use statistics, and lessons learned in applying the national measurement protocol in the context of Pennsylvania's State Forests.

4:30pm – 5:00pm Conference Synthesis Presentation (Sterlings 2 and 3)
Rick Potts and Marcella Wells will share with attendees the observations they have made throughout the conference in this session. Overarching themes, trends and “ah-ha” moments will be identified, and will provide an excellent recap of the week.

5:00pm – 5:15pm Closing Comments
Join incoming NARRP President Rick Just for closing comments, and the opportunity to say farewell-for-now to old and new friends.

5:30pm Dinner (on your own)

8:00pm Hospitality Room Open (Birmingham)

Friday, May 1st

8:00am – 11:00am NARRP Board Meeting
(State Office Building, 14th Floor Conference Room)

TRAVEL SAFELY!
Keynote Speaker

Dr. Patricia Zaradic is a conservation ecologist whose research explores the interface between human resource needs and nature.

Her PhD research through the University of Pennsylvania examined the long term impacts of logging on stream ecosystems in old growth forests of the Pacific Northwest. She has done further postdoctoral work in east coast stream systems with Stroud Water Research Center using Artificial Neural Networks, a form of artificial intelligence, to analyze links between land use and stream health. Patricia has received support from an EPA Science to Achieve Results doctoral grant, the National Science Foundation and a Nature Conservancy Smith Conservation Research Postdoctoral Fellowship. She is a recent Environmental Leadership Program Fellow for the Delaware Valley Region, the Director and co-founder of Red Rock Institute and provides science research for The Nature Conservancy.

Her current work combines economic, social science and ecological approaches to address pressing conservation issues and has been featured on NBC, and other popular media outlets.

Dr. Patricia Zaradic reports on her research identifying this decline and its close correlation to “videophilia,” defined as our growing fascination with electronic media. Her research in collaboration with Dr. Oliver Pergams from the University of Illinois examines sixteen long term datasets to gauge participation in nature-based recreation including: visits to national parks in the U.S., Japan and Spain, U.S. state parks, as well as the number of hunting, camping and hiking permits issued, to gauge participation in nature-based recreation. After years of steady increase, per capita rates of participation in nature-based recreation is decreasing annually at a rate of just over 1% beginning in the 1980s and continuing for a typical decrease of 18-25% to date. Experience with nature, particularly as a child, is the most highly cited indicator for environmental behavior as an adult. In the end, the fate of biodiversity and ecosystems depends on political choices and individual choices. If current and future generations have less contact with nature, they are also less likely to make issues of biodiversity and conservation a political and individual priority.

Patricia Zaradic, PhD
Director, Red Rock Institute
www.redrockinstitute.org
610-526-9544

2009 NARRP Conference – Pittsburgh, PA
Opening Session Presenters

**Cindy Adams Dunn, Deputy Secretary for Conservation and Technical Services**  
*Pennsylvania Department of Conservation and Natural Resources*

Cindy Dunn serves as Deputy Secretary for Conservation and Technical Services in the Department of Conservation and Natural Resources. In this capacity, she leads DCNR’s work in landscape conservation and administers the Bureau of Recreation and Conservation and the Bureau of Topographic and Geologic Survey. Prior to becoming Deputy Secretary, Cindy served as the Director of DCNR’s Bureau of Recreation and Conservation, which works to protect Pennsylvania’s natural and heritage resources and provides recreational opportunities. The Bureau accomplishes its mission through grants and technical assistance. Cindy has served as the Executive Director of Audubon, Pennsylvania from 1997 through 2003 and the Pennsylvania Program Director of the Alliance for the Chesapeake Bay for ten years. Cindy holds a Master of Science Degree in Biology from Shippensburg University. Cindy is married to Craig Dunn and resides in Cumberland County. Her hobbies are bird watching, reading, canoeing, fishing and hiking.

**Robert T. Ratcliffe, Chief – Division of Recreation and Visitor Services**  
*Bureau of Land Management*

Bob is the Division Chief for BLM’s National Recreation and Visitor Services Program. He previously served as the program’s Deputy for five years. Bob led the effort to develop and implement the BLM’s new *Priorities for Recreation and Visitor Services*, one of the Bureau’s key strategic efforts. He has been successful in working with constituents and partners to emphasize recreation and visitor service as a top priority for the Bureau and the Department. He recently served as a Congressional Fellow in the U.S. Senate, staffing environment, public lands and natural resource issues. Bob has been active in natural resources, watershed and recreation management and planning for over twenty five years. Prior to his national experience he spent 12 years with the BLM in Colorado, Idaho and Oregon as a senior recreation planner; NEPA, wilderness and watershed technical specialist; public affairs staff and field office manager. His background blends a range of public agency, educational and private sector experience as a river guide and outfitter, NPS ranger, university faculty, outdoor educator, natural resource planning consultant and work in the ski industry throughout the west and Alaska.

**John Norbeck, Director Pennsylvania Bureau of State Parks**  
*Pennsylvania Department of Conservation and Natural Resources*

John has served as Director of Pennsylvania’s State Park System since July 2006. After graduation from Roanoke College in Salem, Virginia, where he received a Bachelor’s of Science in Biology, John was hired by the Maryland Park Service as a full time ranger and worked in several parks throughout the system. He spent the next 29 years in a variety of positions within the agency. He served as the agency Training Officer, an Assistant Park Manager, Assistant Chief of Law Enforcement, Chief of Law Enforcement, Regional Park Manager, Chief of Field Operations, and Acting Associate Director – Operations. During his career, John has been involved in many aspects of public land management including operations, law enforcement, maintenance, interpretation, and resources management. John and his wife Carole, have one child, Sarah. He enjoys woodworking, kayaking, restoring antique Willys/Jeeps, and off-highway Jeeping. The Norbecks have settled in Lisburn, Pennsylvania, in an historic home along the Yellow Breeches.
Glenn E. Haas
Glenn has served the past two years as the President of NARRP. He was formerly a professor and department head of the parks, recreation and tourism program at Colorado State University and is currently a partner in the land use planning firm of Aukerman, Haas, and Associates. He has worked extensively for state and federal agencies across the United States including sabbaticals in the Washington offices of the U.S Forest Service and the Department of the Interior. His professional specialties include natural resource planning and policy, recreation planning and management, recreation supply and demand analysis, administrative decision-making, and visitor capacity analysis.

Concurrent Session Presenters and Field Workshop Hosts

Adams-Weyant, Brenda. Brenda is Fermata’s Senior Recreation Planner. Since coming to Fermata in 2004, Brenda has been an integral member of projects that involve the inventory, assessment, planning and design of outdoor recreation facilities. Prior to Fermata, Brenda was a recreation planner on the Allegheny National Forest for 15 years. She has been active in NARRP since 2001 and is presently serving the association as the Management and Communications Manager.

Baas, John. John is a senior project manager with Michael Baasman Associates, a privately owned environmental consulting firm and has served on the NARRP Board of Directors for the last two years as the western regional representative. Dr. Baas has been involved in recreation resource planning for 20 years. He began his career as a recreation planner on the Wenatchee National Forest in Washington state. Dr. Baas has completed recreation resource plans for: the USDA Forest Service, the Bureau of Land Management, U.S. Air Force, Pacific Gas and Electric, California Department of Water Resources, and California Department of Parks and Recreation.

Barrett, Brenda. Brenda serves as the Director of Recreation and Conservation in the Pennsylvania Department of Conservation and Natural Resources. Prior to this position she served as the National Coordinator for Heritage Areas for the National Park Service in Washington D.C. She was formerly the Director of the Bureau for Historic Preservation at the Pennsylvania Historical and Museum Commission, the state’s public history agency in Harrisburg. For six years she taught historic preservation as an adjunct faculty member at Penn State Harrisburg. Brenda received her BA in Anthropology from the University of Colorado in 1971 and her MA in Archaeology from the University of Wisconsin in 1974. She is also a graduate of the Dickinson School of Law – Penn State and is admitted to practice in the Commonwealth of Pennsylvania.

Baxter IV, Thomas. Tom is the Executive Director of Friends of the Riverfront, a 15 year old membership organization charged with increasing awareness and engagement with the Pittsburgh region’s rivers and riverfronts through activities, stewardship, and expansion of water and land trails. Prior to coming to Friends of the Riverfront Thomas Baxter spent several years study archeology and conducting excavations as an undergraduate before attaining a graduate degree and geography and regional planning. He has held several successive positions with Fayette County Redevelopment Authority, Riverlife Taskforce, Allegheny Conference and Carnegie Mellon University focusing on public access as a means of economic development to our region’s four rivers and their riverfronts.

Bennett, Heather. Heather is the Outdoor Recreation Manager for the Pennsylvania Department of Conservation and Natural Resources. In this role she coordinates various statewide recreation efforts including SCORP. She served on the Education Advisory Panel for The Conservation Fund’s Forum on Children and Nature and is an alumnus of the Student Conservation Association. Heather holds a M.S. in Park and Resource Management from Slippery Rock University, and a B.A. in Environmental Policy and Analysis from Bowling Green State University in Ohio.

Brady, Sean. Sean Brady hails from Pittsburgh, but has also sampled the green living in Bellingham, WA and Albuquerque, NM. Sean helped start up Venture Outdoors as a nonprofit organization in 2001 as the Program Director and now manages its fundraising and development. Favorite outdoor pursuits include fly fishing, mountain biking and gardening with native perennials. Volunteer work includes PTAG trail maintenance and the ORSANCO Public Input Advisory Committee.

Burlack, Walter. Walt has worked for the Three Rivers and Midwest Region of the Student Conservation Association for over 7 years, and currently serves the Three Rivers Regional Director. Walt has his Masters in Public Management at the Heinz School, Carnegie Mellon University, building upon a BS in Biology from the University of Pittsburgh. Walt is a board member of the Pennsylvania Resources Council, Construction Junction, and the Western Pa Regional Environmental Education Center, plus serves on the advisory boards of Venture Outdoors, Bike Pittsburgh, and Young Preservationist Association where he serves to conserve and preserve the resources of the natural and built environment.

Burns, Robert. Robert has spent nearly 15 years working with outdoor recreation planners in the USFS, Corps of Engineers and Bureau of Land Management. His research focuses on measuring recreation use, understanding the recreation experience, policy analysis, and social carrying capacity. He is faculty at West Virginia University.

Chang, Wen-Huei. Wen is a Recreation Research Specialist with U.S. Army Corps of Engineers. Dr. Chang is specialized in conducting regional economic impact analysis, developing applications and providing training materials for planning and decision-making. His most recent work includes the development of tools to estimate the potential number of jobs preserved or created by the stimulus spending, and the development of models to provide a means for quantifying performance outputs as well as ranking incremental budget packages in a consistent manner throughout the Corps for both Recreation and Environment-Stewardship business lines. He has a Master's degree from the University of Iowa and a Ph.D. degree from Michigan State University. During his leisure time, Wen enjoys running, traveling (with his wife and two kids), brewing coffee (which he owns 10 coffee makers), and eating and drinking.

Christensen, Tom. Tom has been an innovative leader in the recreation and parks management field for over 35 years. He has served as a recreation management innovation specialist for numerous federal agencies. He founded and served as CEO of Inside Outside Inc. and as Outdoor Recreation Programs Manager for the city of Austin, Texas.
**Crotsley, Miranda.** Miranda is the Chief of Outdoor Recreation Programming for Pennsylvania’s Bureau of State Parks, Department of Conservation and Natural Resources, where her duties include directing and supporting statewide initiatives such as Get Outdoors PA and the DCNR Adventure Camp program. Previously she was the supervisor of outdoor programming at Presque Isle State Park/the Tom Ridge Environmental Center in Erie, PA and began her career in state parks as an environmental educator at Jennings Environmental Education Center. Miranda received her degree in Environmental Studies from Allegheny College.

**Dahlquist, David.** David is President of David L. Dahlquist Associates, L.L.c., a Des Moines, Iowa-based planning firm specializing in scenic byway planning, management and operations; wayfinding and wayshowing; park, recreation and trail planning; and facilitating public involvement and participation in planning activities. Trained as a Landscape Architect, David is also a past-president of NARRP. A life-long resident of Iowa, David’s primary geography of practice is serving public clients in the 10-state Mississippi River region.

**Davy, John.** John has been employed by the State of Virginia in outdoor recreation and conservation fields since 1974. He just completed directing the preparation of the seventh Virginia Outdoors Plan (SCORP) of his tenure with the Commonwealth. In this capacity he manages the operation and implementation of all capital construction and maintenance reserve projects on DCR lands and provides engineering support for Virginia’s State Parks and Natural Heritage areas.

**Elkington, Steve.** Steve received a Masters Degree in Landscape Architecture in 1976 from the University of Pennsylvania. For the next two years he worked at Environmental Planning & Design in Pittsburgh before joining the National Park Service in 1978. In 1981 he was selected to be supervisory landscape architect at the newly established Cuyahoga Valley National Recreation Area (now National Park) in northeastern Ohio. There he developed an interest in trails and trail systems. In 1989 he became National Trails System program leader in the NPS’s Washington, DC, offices and has served in that role ever since.

**Franchina, Rachel.** Rachel has been a recreation planner on Independent Resources Enterprise Team for two years. She has been the team lead for Forest Service recreation projects at the regional and forest levels, and is currently working with a team to develop sustainable program planning framework. Rachel is also a facilitator and was a member of the Recreation Facility Analysis team.

**Gable, Mike.** Mike Gable is a 35 year employee with the city of Pittsburgh. Time has been split between the Department of Parks and Recreation (18 years) and the Department of Public Works (17 years) with emphasis on park maintenance and administrative functions (budget, personnel) in addition to overseeing the bureaus of transportation and engineering.

**Gardner, Edwin.** Edwin is the founder and director of the Heritage Strategy Group, which is the planning section of Studio A, an architecture firm based in Charleston, SC. His practice includes state recreation plans (SCORPs), National Scenic Byway plans, National Heritage Area plans, and related projects involving recreational, natural, historic, and cultural resources. A fifth-generation native of Tennessee, he has concentrated most of his planning work in that state. His planning methods stress innovation, big-picture thinking, and forging common connections among stakeholder groups. National Park Service director Fran Mainella described his 2003-2008 Tennessee State Recreation Plan as "a good model for other states to follow."

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Gillespie, Patricia. Pat has worked for the National Park Service for 25 years, most recently in the Washington DC office in on Land and Water Conservation Fund State Assistance Program efforts including policy and guidance development, National Environmental Policy Act, and the Statewide Comprehensive Outdoor Recreation Plan process. Prior to her DC assignment, she served the NPS Northeast Regional office in Philadelphia in the LWCF and Urban Park and Recreation Recovery Programs; facilitated and co-produced a concept plan for 40-mi stretch of the Youghiogheny River Trail connecting Pittsburgh and Connellsville, PA; and facilitated the interpretive planning process for National Parks throughout the Northeast.

Graefe, Alan. Alan teaches courses and conducts research about outdoor recreation behavior and management at the Pennsylvania State University. He was one of the developers of the Visitor Impact Management (VIM) framework for addressing visitor capacity issues, and was a co-founder of the Northeastern Recreation Research (NERR) Symposium. His principal research interests revolve around the application of social science to various aspects of recreation resources planning and management. He is also experienced with studies of environmental impacts of outdoor recreation and the integration of biological and visitor use data to address visitor capacity problems. He has conducted numerous visitor surveys in parks and other natural areas.

Greninger, Peter. Peter serves as the connector between REI, the nation’s largest outdoor recreation retailer, and the Pittsburgh Community. Peter’s programs at REI consist of educational workshops, community service projects, youth programs and event partnerships. Peter has a business degree from the Miami University of Ohio and is also a graduate of the National Outdoor Leadership School (NOLS) in Lander, Wyoming.

Hill, Meredith. Meredith works for the Pennsylvania Department of Conservation and Natural Resources (DCNR) where she is the Director of the Pennsylvania Wilds Program. The Pennsylvania Wilds Program is a nature tourism and community revitalization initiative in North Central Pennsylvania that was established in 2003 by Governor Ed Rendell. Prior to this position, Ms. Hill was DCNR’s Greenways and Land Use Coordinator where she managed implementation of Pennsylvania’s Statewide Greenways Plan. Before coming to DCNR, she held several management positions with Pennsylvania’s Department of Environmental Protection. She also served the Pennsylvania State Legislature through a Legislative Fellowship working with the Game and Fisheries and Bi-partisan Management Committees. Ms. Hill holds academic degrees in Environmental Resource Management and Public Service, both from Penn State University.

Jackson, Scott. Scott is a Research Biologist with the U.S. Army Corps of Engineers stationed at the Engineer Research and Development Center, Waterways Experiment Station in Vicksburg, Mississippi. Mr. Jackson’s professional experience includes conducting research in the following areas: recreation and natural resource management; the regional economics effects of recreation; large scale river basin management; recreation carrying capacity; and recreation monitoring techniques. He received a Bachelor of Science degree in Resource Conservation from Northern Michigan University and a Master’s degree in Natural Resources Development from Texas A&M University.

Kelley, Becky. Becky was appointed Director of the Georgia Department of Natural Resources’ Parks, Recreation & Historic Sites Division in 2002. She is the State Liaison Officer for the Land and Water Conservation Fund State Assistance Program and oversaw the development of the State of Georgia’s SCORP for 2008-2013.
Lucadamo, Jon. Jon is the Program Director for the local Non-profit organization, Venture Outdoors. Venture Outdoors is helping to sculpt the image of the region as a viable outdoor recreation destination where you can live, work and play. Jon has been in the Outdoor Recreation and Education field since 1996 and has been with Venture Outdoors since its inception in 2001.

Mattis, Adam. Adam is a Greenways & Trails Specialist for the PA Department of Conservation and Natural Resources specializing in motorized recreation and regional trail systems. Adam works in all aspects of the Community Conservation Partnerships Program (C2P2) grants program with an emphasis on the S/ATV fund and Pennsylvania Recreational Trails program. He is a graduate of the Pennsylvania State University with a degree in Environmental Resource Management.

McCollom, Cathy. Cathy is Director for the Trail Town Program, an economic development initiative to promote regional business development and cooperative marketing along the 150-mile Great Allegheny Passage. Kathy, formerly Chief Programs Officer for the Pittsburgh History & Landmarks Foundation (PHLF), has 25 years of experience in heritage tourism and economic development to this new initiative. Cathy has served on the boards of a number of community and service organizations and was awarded the YWCA's Tribute to Women award in 2004 for her civic contributions. Cathy graduated from Purdue University, West Lafayette, Indiana with honors and was inducted into Phi Beta Kappa upon graduation.

McKenna Boxx, Linda. Linda is the president of the Allegheny Trail Alliance, the coalition of trail organizations that are building the Great Allegheny Passage, a 150-mile rail-trail connecting Pittsburgh, PA to Cumberland, MD. Linda also serves on many other community-based and conservation related boards in western Pennsylvania. She lives and works in Latrobe and is chairman of the Katherine Mabis McKenna Foundation. She enjoys the trail resource she is helping to build and has hiked and biked the length between Pittsburgh and Washington, DC.

Mumau, Michael. Mike is the Park Operations Manager for the Laurel Hill State Park Complex which includes Laurel Hill, Kooser & Laurel Ridge State Parks. Prior to coming to the Laurel Highlands, he was an Assistant Park Manager at Presque Isle State Park in Erie, PA for 7 years. He was the Project Manager for the Tom Ridge Environmental Center. Prior to joining the Bureau of State Parks, Mike worked as an Outdoor Educator on the Chesapeake Bay and a Backcountry Ranger for the US Fish & Wildlife Service in southwest Alaska. Mike received a Bachelor of Science in Environmental Studies from Allegheny College with a minor in Political Science and a Concentration on the Political Economy of Environmental Degradation. He then received his Master of Science in Park & Resource Management from Slippery Rock University with a Concentration in Environmental Education.

Norfleet, Antoinette. Antoinette joined the Georgia Parks, Recreation and Historic Sites Division of the Department of Natural Resources in 1990. Currently as Director of Grants, she is responsible for both the day-to-day operations of the Land and Water Conservation Fund and oversees the Recreational Trails Program. She participated in her division's effort to produce their current SCORP.

Perales, Kathleen. Kathleen is a research biologist for the U.S. Army Corps of Engineers at the Engineer Research and Development Center, Waterways Experiment Station, in Vicksburg, MS. She is project leader for the Natural Resources Management Gateway website, a knowledge management system for the Corps Recreation, Environmental Compliance and Environmental Stewardship areas. Other research efforts include the Visitation Estimation and Reporting System, and economic impact studies of marinas, community and private boat dock holders. She is an elected member of the American Academy for Park and Recreation Administration board, a National Recreation and Park Association (NRPA) Trustee representing the Armed Forces Recreation Society and serves on the NRPA Trustees Executive Committee.

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Potts, Rick. Rick oversees five National Park Service programs in Washington, DC – National Trails; Wild and Scenic Rivers; Rivers, Trails and Conservation Assistance (RTCA); Federal Hydropower Technical Assistance, and Challenge Cost Share.

Prey, Jeff. Jeff is the senior planner for the Wisconsin State Park System which involves working across the state on property and regional master plans and policy development. He is also the primary author of the 2005-2010 SCORP, and author of over 40 publications. Recently, his publication "The regional supply of outdoor recreation: when is enough, enough" was just accepted by the Journal of Park and Recreation Administration.

Rabenstein, Kelly. Since 1999, Riverlife has been connecting the people of Pittsburgh and its visitors with the city's most valuable resource – its rivers. Riverlife has accomplished this by bringing together the best thinking of more than 1,000 community residents and some of the world’s leading experts in urban design and planning. Kelly Rabenstein's role is one of outreach and relationship building. For almost a decade, Ms. Rabenstein has worked in various capacities to foster relationships and deep communication within individuals and on an organizational level.

Reinhardt, Robert. Bob is the Director for Planning and Design and oversees the planning, research, and the GIS units and functions as the State's Trails Coordinator. He has been with Parks since 1976, prior to which he was an Environmentalist with the US Army Corps of Engineers. Bob has a BA in Biology from SUNY at Geneseo and a MS in Interdisciplinary Water Resources from the College of Environmental Science and Forestry in Syracuse. He is a member of the agency's Resource Management Group, is part of the multi-agency team that develops the NY State's Open Space Conservation Plan and is involved with the agency's land acquisition, trail, master planning and development programs as well as responsible for the Statewide Comprehensive Outdoor Recreation Plan. He represents the agency on the Scenic Byways Advisory Board, Lake Champlain Basin Program Steering Committee, Department of Health Physical Activity and Nutrition (PAN) Steering Committee, Hudson River Estuary Program, Long Island Stewardship Program and the Great Lakes Advisory Board, as well as the Agency Aging Coordinator. Bob is currently the Northeast Representative for the National Association of Recreation Resource Planners.

Stein, Frances. Frances Stein has worked for the PA Bureau of State Parks for 25 years and during that time has worked at several state park locations across Pennsylvania. Her educational background includes an Associates in Applied Science for Forestry from Paul Smiths College and a Bachelors of Science from West Virginia University for Park and Recreation Management with an emphasis in Interpretation. Previous positions in state parks included park interpreter at Beltzville State Park, environmental educator at Nolde Forest Environmental Education Center and Presque Isle State Park and Regional Environmental Education and Interpretation Program Coordinator for Region 2 (western Pennsylvania). She was hired as a Natural Resource Program Specialist in October 2007 and was assigned as Manager for Point State Park and as Regional Lead for the Conservation Landscape Initiatives in the Laurel Highlands and Clarion River Corridor.

Vogel, James. Jim has 18 years of experience in natural resource and outdoor recreation research and planning. He has worked as an environmental consultant with EDAW, Inc., since 2002, first in San Francisco and now in Chicago. His work includes the application of survey research, visitor use estimation, facility assessment, and carrying capacity determination methods to assist federal, state, and local resource agencies in the management of lands and waters for recreation. Prior to becoming an environmental consultant, Jim conducted research and served as a teaching assistant at Colorado State University (1998-2001) and conducted reservoir and river recreation research in association with the US Army Corps of Engineers Waterways Experiment Station, Environmental Laboratory (1991-1998).
Walker Vinski, Ginette. Ginette has been with Sustainable Pittsburgh since 2007. Her background is in media relations and event planning, in addition to adult environmental education programs. At Sustainable Pittsburgh, Ginette's responsibilities include event promotion, outreach, and facilitating a group of outdoor recreation and amenities groups that work to build a regional culture that embraces outdoor recreation. Sustainable Pittsburgh affects decision-making in the Pittsburgh region to integrate economic prosperity, social equity, and environmental quality bringing sustainable solutions to communities and businesses. Over the past decade, SP has proven adept at building coalitions for change on issues that get at the heart of sustainability for southwestern Pennsylvania. Ginette is board president of Allegheny Cleanways, an advisory board member for Venture Outdoors, and serves as the Environmental Chair for the Explorers Club of Pittsburgh.

Wells, Marcella. Marcella is President of Wells Resources, Inc, a woman-owned, small business that specializes in visitor experience planning, visitor studies, and project management. Founded in 1998, Wells Resources works with federal, state, and local land management agencies, informal learning settings (museums, nature centers, arboreta, etc), and non-profit organizations as an advocate for visitors. Before founding the company, Marcella was a faculty member in the College of Natural Resources at Colorado State University where she mentored graduate students and taught several courses in interpretation, interpretive planning, environmental education, and leisure studies. She is past Vice President of the Visitor Studies Association and is currently part of the Core Team for Children and Nature Network – Fort Collins and a National Associate on the Education Committee of the American Association of Museums.
NARRP would like to thank the following organizations and individuals for their time and support. You were a key to the success of this event.

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![Pennsylvania Department of Conservation and Natural Resources]

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Additional thanks to our friends at:

Sustainable Pittsburgh
www.sustainablepittsburgh.org

Venture Outdoors
www.ventureoutdoors.org

Friends of the Riverfront
www.friendsoftheriverfront.org

The Student Conservation Association
www.thesca.org

Wilderness Voyageurs
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The Trail Town Program
www.trailtowns.org

Ohiopyle State Park
www.dcnr.state.pa.us/stateparks/parks/ohiopyle.aspx

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