

March 29, 2006

- 9:00 Welcome and Introduction—**Jim Sherald**, Chief, Natural Resources and Science, National Capital Region, National Park Service
- 9:05 GMU Welcome—**Dr. Chris Jones**, Chairman, Environmental Science and Policy Department, George Mason University
- 9:15 Opening Remarks—**Joe Lawler**, National Capital Region Director, National Park Service
- 9:50 *Conservation in the Parks*
Catherine Dewey, Architectural Conservator, National Capital Region, National Park Service
- 10:05 *An Overview of the Invertebrate Fauna of Plummers Island, Maryland*
John Brown, Research Entomologist, Systematic Entomology Laboratory, US Department of Agriculture
- 10:20 *Enhancing Archeological Interpretation in Unlikely Places*
Lena Mortensen, Assistant Director, Center for Heritage Resource Studies, University of Maryland
Barbara Little, Archeologist, National Park Service
- 10:50 *Disturbed Lands Reclamation of the Former Bradford Tract*
Paul Petersen, GIS Specialist, Prince William Forest Park
Jim Pieper, Biological Technician, Prince William Forest Park
- 11:05 *The Cost Effective Use of Architectural Documentation for the Treatment of Historic Structures*
Tom Vitanza, Senior Historical Architect, Historic Preservation Training Center
- 11:20 *Bias in Deer Density Estimation: Fact or Fiction?*
William J. McShea, Research Scientist, National Zoological Park's Conservation and Research Center
Chad M. Stewart, Wildlife Biologist, National Zoological Park's Conservation and Research Center
Shawn L. Carter, Inventory & Monitoring Coordinator, Center for Urban Ecology, National Park Service
Scott Bates, Wildlife Biologist, Center for Urban Ecology, National Park Service
- 11:35 *Greenbelt Park: Layers of History in a Recreational Landscape*
Tim Kerr, Senior Architectural Historian, Robinson & Associates, Inc.
Judith Robinson, Principal, Robinson & Associates, Inc.
- 11:50 *The Roulette Springhouse Historic Structure Report*
Keven Walker, Cultural Resource Specialist, Antietam National Battlefield
- 1:05 Presentation of Natural Resource Challenge Award
Mike Soukup, Associate Director, Natural Resource Stewardship and Science, National Park Service
- 1:35 *Archeological Investigations at the U.S. Armory Grounds*
Andrew S. Lee, Archeologist, Harpers Ferry National Historical Park
- 1:50 *Current Native Bee Research and Monitoring in the National Capital Region*
Sam Droege, Head of the USGS Native Bee Inventory and Monitoring Lab, US Geological Survey
- 2:05 *When Spies Talk*
Kirsten Talken-Spaulding, Chief of Interpretation, Prince William Forest Park
Laura Cohen, Park Ranger, Prince William Forest Park
- 2:20 *Deer and Disturbance, Will Our Forest Regrow?*
Becky Loncosky, Park Ranger/Resource Management, Catoctin Mountain Park
- 2:50 *Stratified Prehistoric Sites along the C&O Canal*
Stuart Fiedel, Louis Berger Group

3:05 *Aquatic Bioassessments in National Capital Region Streams*
Robert H. Hilderbrand, Assistant Professor, University of Maryland Center for Environmental Science, Appalachian Laboratory
Richard L. Raesly, Professor, Frostburg State University
Paul F. Kazyak, Ecological Assessments Program Chief, Maryland Department of Natural Resources

3:20 *A Tail of Temperance: Restoration of a Historic Structure*
Jennifer Talken-Spauling, Cultural Resource Specialist, National Mall & Memorial Parks

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9:00 Opening Remarks—**Darwina Neal**, Chief, Cultural Resource Preservation Services, National Capital Region, National Park Service

9:05 *A “Whale” of a Resource: Fossils From NACE Parks*
Jason P. Kenworthy, Paleontology Technician, NPS Geologic Resources Division, George Washington Memorial Parkway
Vincent L. Santucci, Chief Ranger, George Washington Memorial Parkway
Mike Antonioni, Park Curator, National Capital Parks-East

9:20 *Archeology and History in Rock Creek Park*
John Bedell, Louis Berger Group

9:35 *The Arthropod Fauna of Dyke Marsh Preserve, Virginia*
Edward M. Barrows, Professor of Biology, Laboratory of Entomology and Biodiversity, Department of Biology, Georgetown University

9:50 *Order from Chaos: Frederick Law Olmsted, Jr., and the Creation of the National Mall*
Kay Fanning, Landscape Historian, National Capital Region, National Park Service

10:05 *Developing an Integrated Earthworks Management Plan: Balancing Legislative Mandates, Resource Protection, and Recommended Preservation Practices*
Brandon Bies, Cultural Resource Specialist, George Washington Memorial Parkway
Matt Virta, Cultural Resources Program Manager, George Washington Memorial Parkway

10:20 *Restoration of the Hahnemann Monument*
Judy Jacob, Senior Conservator, Architectural Preservation Division, Northeast Regional Office, National Park Service

10:50 *Salvaging Natural and Cultural Resources from Disasters*
Pam West, Director, Museum Resource Center, National Park Service
Bob Sonderman, Senior Staff Archeologist, National Capital Region, National Park Service

11:20 *The Northwest Passage: Creating Fish Passage in Rock Creek*
Perry Wheelock, Cultural Resource Manager, Rock Creek Park
Bill Yeaman, Natural Resource Specialist, Rock Creek Park
Tim Morris, Environmental Mitigation Manager, Potomac Crossing Consultants

1:00 **Panel Discussion**
Balancing Cultural and Natural Resource Values in Management Decision Making

Panelists:

Brian Carlstrom, Legislative Affairs Specialist, NPS Office of Legislative and Congressional Affairs, **Bevinetto Fellow**

Brian has worked with the NPS since 1985 and has experience in the parks and recreation field at the county, regional and advocate group levels. Brian has a diverse range of experiences including, laborer, visitor use assistant, interpretive ranger, generalist ranger, natural resource specialist, resource planner, GIS analyst, and resource

manager. Brian has a B.S. in Parks, Recreation and Leisure Studies from George Mason University and conducted graduate work in Environmental Sciences. He is a 2001 graduate of the USDA Graduate School's, Executive Leadership Program for Mid-Level Employees. He presently serves as the 16th Bevinetto Fellow working on National Park Service legislative issues.

J.W. Howard, Superintendent, Antietam National Battlefield & National Cemetery

J.W. Howard is a thirty-one year veteran of the National Park Service and has served for 10 years as Superintendent of Antietam National Battlefield & National Cemetery with management responsibility for 3,288 acres of National Park Service resources. Previous to this assignment he has worked in nine National Park Service areas in four Regions. His field assignments concentrated on Natural Resource Management and Visitor Protection. He has also served at the National Capital Regional Office as Regional Natural Resource Management Specialist.

Maureen D. Joseph, Regional Historical Landscape Architect for the National Park Service, National Capital Region.

Maureen D. Joseph earned her B.S. degree in landscape architecture from Colorado State University. Since 1990, she served as park landscape architect at Harpers Ferry National Historical Park; project historical landscape architect for the Denver Service Center; and cultural landscape inventory coordinator for the National Capital Region. She has authored or co-authored numerous Cultural Landscape studies for Lower Town and Virginus Island (Harpers Ferry National Historical Park), Pecos National Historical Park, Wolfe Ranch (Arches National Park), Jordan Pond House (Acadia National Park), West Woods (Antietam National Battlefield), Manassas National Battlefield Park, Lincoln Memorial Grounds (National Mall and Memorial Parks), and Dumbarton Oaks Park (Rock Creek Park).

Marie Frias Sauter, Natural Resources Program Manager, C&O Canal National Historical Park

A graduate of the University of Georgia with a degree in Geography, Marie Frias Sauter has worked for the National Park Service since 1987. Her diverse ranger experience includes resource management, law enforcement and GIS support. She has held assignments at the Great Smoky Mountains National Park, Shenandoah National Park, Rocky Mountain National Park and Prince William Forest Park. During the last 10 1/2 years at the C&O Canal National Historical Park she has served as the GIS Coordinator, natural resources specialist and program manager.

POSTERS

The Archeology of the Middle Ford Ferry Tavern at Monocacy National Battlefield
Joy Beasley, Cultural Resources Program Manager, Monocacy National Battlefield
Tom Gwaltney, GIS Consultant

Developing a Spatially Explicit Participatory Model to Explore Anthropogenic Off-site Threats on Tributary Streams at the Potomac Gorge
Robin Brake, Student, George Mason University

Rehabilitating the Henry House
Ray Brown, Cultural Resources Program Manager, Manassas National Battlefield Park

Fusion of Natural Resource Management and Education at Manassas
Bryan Gorsira, Natural Resource Program Manager, Manassas National Battlefield Park

A Habitat Suitability Model for Male Black Bears (Ursus americanus) in Prince William Forest Park, Virginia
Paul Petersen, GIS Specialist, Prince William Forest Park
Laura Lakeman, Biological Technician, Prince William Forest Park

Deer Movement Research – Antietam National Battlefield
William J. McShea, Research Scientist, National Zoological Park's Conservation and Research Center
Chad M. Stewart, Wildlife Biologist, National Zoological Park's Conservation and Research Center

Harpers Ferry Federal Armory Season One Excavations

Mike Owens, Archeological Technician, Harpers Ferry National Historic Park
Kathryn Berlin, Archeological Technician, Harpers Ferry National Historic Park
Michelle Hammer, Archeological Technician, Harpers Ferry National Historic Park
Misti Haines, Archeological Technician, Harpers Ferry National Historic Park

Evaluation of Vegetative Establishment on Restored Lands

Dr. Gregory Perrier, Professor, Northern Virginia Community College, Manassas Campus
Bryan Gorsira, Natural Resource Program Manager, Manassas National Battlefield Park

Land Use/Land Change Analysis in PRWI

Paul Petersen, GIS Specialist, Prince William Forest Park

Stream Bank Assessment: A Baseline Survey of Physical Channel Health James Pieper, Jr., Biological Science Technician, Prince William Forest Park

The Cost Effective Use of Architectural Documentation for the Treatment of Historic Structures

Tom Vitanza, Senior Historical Architect, Historic Preservation Training Center

Working with Elderhostel Groups

Keven Walker, Cultural Resource Specialist, Antietam National Battlefield
Jane Custer, Chief of Cultural Resources, Antietam National Battlefield

Restoration of Harperella, an Endangered Plant Species, in C&O Canal NHP Elizabeth Fortson Wells, Associate Professor of Botany, The George Washington University