

# Concurrent Sessions | Tuesday early morning, April 17 | 8:00-10:05

Location >>	Colorado A	Colorado B	Colorado C-D	Colorado E	Colorado F	Colorado G-H	Colorado I-J	Denver 5-6	Matchless
	Concurrent #1	Concurrent #2	Concurrent #3	Concurrent #4	Concurrent #5	Concurrent #6	Concurrent #7	Concurrent #8	Concurrent #9
				PANEL DISCUSSION			NPS NRIM TRACK, SESSION A		WORKSHOP
	Crossing Boundaries to Create Protected Area Systems / George Wallace, chair	Marine Protected Areas / Gail Irvine, chair	Interpreting Resource-Related Issues / Ken Mabery, chair	The Natural Resource Challenge: Moving Toward Science-Based Management in National Parks / Gary E. Davis, chair	Wildlife Ecology and Management I / Michael Reiter, chair	Partnerships Between Agencies / Nancy Swanton, chair	Natural Resource Information Management: Crossing Information Boundaries / Bruce Nash, chair	The Intruders: Management of Invasive and Exotic Species I / Bruce Connelly, chair	Progress Report from the Interagency Task Force on Visitor Capacity on Public Lands / Glenn Haas, chair
8:00-8:25	Crossing International Boundaries in Park Management: A Survey of Transboundary Cooperation / Dorothy C. Zbicz	Marine Protected Areas: The Forgotten Lands / Lilian Alessa & Norman McIntyre	Providing Park and Resource Management Information to the Visiting Public via the Transportation Concessionaire at Denali National Park & Preserve / H. Sharon Kim & Phyllis Motsko	PANELISTS: Mike Soukup Boyd Evison Karen Wade John Reynolds Don Neubacher	Effects of Fencing on Pronghorn Movement in Petrified Forest National Park, Arizona / Jan Hart & Charles van Riper III	Getting to the Bottom of Things at Crater Lake / William Brock	Overview of Natural Resource Information Management / Abby Miller	Proactive Invasive Alien Plant Management Protects Hawaii Parks: Partners and Mobile Teams Battle Invasions Across Park Boundaries / Jeremy I. Gooding & Stephen J. Anderson	
8:25-8:50	International Transboundary Cooperation: Some Best Practice Guidelines / Lawrence S. Hamilton	The Role and Creation of Olympic Coast Marine Protected Areas / Steven C. Fradkin	The Benefits of Educational Programs to the ATBI / Paul E. Super et al.		Non-Invasive Genetic Sampling of Forest Carnivore Populations / Katherine C. Kendall et al.	A Model for Successful Partnership Between Government and the Scientific Community / Katie KellerLynn	Recent Developments with Integrated Natural Resource Information Applications / Joe Gregson & Steven Fancy	Crossing Boundaries at Haleakala: The Struggle to Get Improved Quarantine Protection Prior to Expansion of Maui's Airport / Donald W. Reeser & Lloyd L. Loope	
8:50-9:15	Fostering New Approaches to Stewardship: Experience from an International Program of Partnership and Exchange / Brent A. Mitchell & Jessica L. Brown	The 'Synthetic' Approach to Coastal Science and Management at Alaska's Glacier Bay: How Did We Get Here, Where Are We Going? / Lewis Sharman	Are We Communicating? / Lois Dalle-Molle & Susan Huse		Large Carnivore Preservation and Visitor Safety in National Parks: A Balancing Act Through DNA Analysis / Elaine F. Leslie & Tracey Fleger	Cooperation Between the NPS and BOR Along the Lower Colorado River / Steven E. Daron	NPS Information Framework and Data Discovery / John Peterson & Kass Evans	War on Weeds: Winning it for Wilderness / Jerry Asher	
9:15-9:40	The Algonquin to Adirondack Conservation Initiative: A Key Macro-Landscape Linkage in Eastern North America / Bill Stephenson	A National Marine Conservation Area for the North Shore of Lake Superior: Assessing Public Opinion of Boundary Options / Teresa L. Socha et al.	Development of Geologic Training and Reference Manuals for Florissant Fossil Beds National Monument / Deborah Anne Luchsinger & Abbey Abley		Human Activity and Glucocorticoid Stress Responses in Wild Wolves and Elk / Scott Creel et al.	The New Voice: Being an Effective Advocate for NPS Resources Within the Longstanding Battle for Use and Control of Colorado River Water / Norm Henderson	Tunneling into the Large Piles of Physical Science Information Left Behind During the Last Great Data Deposition in Yellowstone: The Good, the Bad, and the Ugly of Implementing Synthesis in a Large Park / Ann Rodman and Shannon Savage	Environmental Parameters Correlating to Infestations of Canada Thistle in Badlands National Park: A GIS Model / Maribeth H. Price & Jason Tinant	
9:40-10:05	A Cross-National Comparison of Protected Natural Area Systems in Russia and the Baltic States: Diverging Systems Ten Years After the Fall of the Soviet Union / David Ostergren	Strategies for Implementing the Executive Order on Marine Protected Areas / Michael T. Murphy	National Park Service Interpretation of the Civil War in Richmond, Virginia / Cindy MacLeod		Who Eats Who? Food Webs and Body Size Distribution in the Management of National Parks / Stephen McCanny et al.	Implementation of the Principles for Environmental Management in the West: The Enlibra Process and Reclamation of the Atlas Uranium Mill Tailings / Dan Kimball	The Creation and Use of Virtual Walks in Education and Interpretation / David Krueger	Tiny Exotic Insect Threatens Native Ecosystem and Biodiversity / Richard A. Evans	

## Concurrent Sessions | Tuesday early afternoon, April 17 | 1:30-3:35

Location >>	Colorado A	Colorado B	Colorado C-D	Colorado E	Colorado G-H	Colorado I-J	Denver 5-6	Matchless
	Concurrent #10	Concurrent #11	Concurrent #12	Concurrent #13	Concurrent #14	Concurrent #15	Concurrent #16	Concurrent #17
	PANEL DISCUSSION			PARTICIPATORY DISCUSSION		NPS NRIM TRACK, SESSION B		WORKSHOP
	Current U.S.–Italy Cooperation on Parks and Protected Areas : Re-discovering the International Conservation Legacy of George Perkins Marsh / Nora Mitchell, chair	Integrating Archeology and Ethnography into Management: Examples from Lake Clark and Pecos / Bill Brown, chair	Elk Management in Four U.S. National Parks: Comparing Management Issues, Constraints, and Approaches / Therese Johnson, chair	Beyond Discovery 2000 / Jerry L. Rogers & Loran Fraser, chairs	Marine Wilderness: Crossing Boundaries into the Sea / Brad Barr & Gary E. Davis, chairs	Natural Resource Information on the Web: Helping Parks Get the Information Out / Jen Coffey, chair	Long-Term Monitoring / Robert Winfree, chair	Where Do We Draw the Line? A Dialogue on Management Policies / Christine L. Shaver & Carol McCoy, chairs
1:30-1:55	PANELISTS: Marie Rust Roberto Gambino Franco Tassi Federico Niccolini	Qizhieh Vena: Subsistence as a Living Tradition in Lake Clark National Park / Mary McBurney & Karen Stickman	Elk Management in Yellowstone National Park: Have We Learned Anything in 129 Years or Are We Heading for Disaster? / John A. Mack & Paul Schullery		What is Marine Wilderness? / Gary E. Davis	Establishing a Natural Resource Web Presence: A Park Profiles Demonstration / Ken Handwerker	Designing Long-Term Ecological Monitoring for Coniferous Forest Parks: Beyond the Forest and the Trees in Olympic National Park / Kurt J. Jenkins et al.	
1:55-2:20	Maurilio Cipparone Rolf Diamant John Debo	Human Ecology and Landscape Change, Kijik National Historic Landmark, Upper Cook Inlet, Alaska / Jeanne M. Schaaf	An Adaptive Approach to Elk Management in Rocky Mountain National Park / Therese Johnson & Ryan Monello		Wilderness Protection Across Landforms, Ecosystems, and Cultures / Alan Watson et al.	Getting Natural Resource Information on the Web: Acadia's Experience / Bill Gawley	Simulation of Long-Term Monitoring Sample Designs in Denali National Park / Trent L. McDonald et al.	
2:20-2:45		Glacial Retreat, Lake-Level Changes, and Stream System Changes: Dynamic Evolution of the Physical Landscape in Lake Clark / Patricia Heiser	Management of the Jackson Elk Herd in Grand Teton National Park: History, Politics, and Practicality / Steven L. Cain		Differences Between Land and Water: Implications for Wilderness / Lillian Alessa	Synthesis on the Web: Data Integration and Information Sharing at Petersburg National Battlefield / Bruce Nash & Richard Easterbrook	Key Features of Protocols for Long-Term Ecological Monitoring / Karen Oakley et al.	
2:45-3:10		Pecos, Florida, and the Seventeenth-Century Frontier Mission Plan / James E. Ivey	Managing Elk in Theodore Roosevelt National Park: A Hands-On Approach / Paula Andersen		Getting the Job Done / Brad Barr	Natural Resource Education on the Web / Wendy Davis	Cost Considerations for Long-Term Ecological Monitoring in National Parks / Lynne Caughlan	
3:10-3:35		Creating a Center, Creating a Place: The Development of Prehistoric Community and the Cultural Resources Inventory Survey of Pecos NHP / Genevieve N. Head	Evaluation of the Appropriate Number of Elk in the U.S. National Parks: An Examination of Four Different Management Approaches / Francis J. Singer		Marine Ecosystem Management, Ethics, and No-Take Preserves / Jim Bohnsack	NRIntranet: A New Medium for Information Exchange Among Parks / Jen Coffey et al.	Long-Term Channel Response to Large Floods and Land Use in Redwood Creek, California / Vicki Ozaki & Mary Ann Madej	

## Concurrent Sessions | Tuesday late afternoon, April 17 | 4:00-6:05

Location >>	Colorado A	Colorado B	Colorado C-D	Colorado E	Colorado G-H	Colorado I-J	Denver 5-6	Matchless
	Concurrent #18	Concurrent #19	Concurrent #20	Concurrent #21	Concurrent #22	Concurrent #23	Concurrent #24	Concurrent #25
						NPS NRIM TRACK, SESSION C		
	The People Next Door: Parks and Neighboring Communities / Judy Labelle, chair	Ancient Ecosystems: Research on and Management of Paleontological Resources / Ted Fremd, chair	Sharing the Discovery 2000 Experience: The Natural Resource Management Track and Resource Managers' Reactions / Abby Miller, chair	The Native Presence I / Dwight Pitcaithley, chair	Toward More Proactive Management of Threatened and Endangered Species / Kate Kendall, chair	Servicewide GIS Resources / Leslie Armstrong, chair	Parks for Learning / Marie Collins, chair	Elements of Effective Inventory & Monitoring Programs I / Jim Schaberl, chair
4:00-4:25	Building Bridges: A Boundary Analysis Exercise Between Local Governments and White River National Forest / George N. Wallace et al.	Crossing Park Boundaries in Ancient Ecosystems / Anthony R. Fiorillo & Vincent L. Santucci	The Road to Resource Stewardship / Kathryn Roney Faulkner	Managing Subsistence Activities in National Parks: General Prohibitions vs. Local Sensitivities / Frank Norris	Jumping the Gun: Recovery Efforts for the Non-Listed Island Fox at Channel Islands National Park / Tim Coonan	NPS GIS Clearinghouse, Metadata, and I&M Data Archive / Leslie Armstrong et al.	A Case Study of the Development of an NPS Web-Based Training and Adult Learning System for Resource Protectors and Managers / John F. Lisco et al.	Ten-Year Re-Survey of Saguaro Population Structure and Perennial Vegetation in Saguaro National Park, Tucson, Arizona / Mark S. Holden et al.
4:25-4:50	tba	Sharing Paleontological Resource Management Ideas Across International Boundaries / Herbert W. Meyer	Discovery 2000: A Vision for Shared Stewardship / William M. Brock	Culture, Religion, and Constitutional Law in the Management of Public Lands and Resources / Lloyd Burton	Marbled Murrelets on the Olympic Peninsula, Washington: Is the Endangered Species Act Emphasis on Federal Lands Effective? / Shelley Hall & John Marzluff	NPS Internet Map Services / David Duran	The Design and Value of Service Learning Partnerships Between Colleges and Parks / Michael A. Reiter et al.	Breeding Birds of Apostle Islands National Lakeshore: Ten Years of Monitoring / Julie Van Stappen & Geoffrey Smith
4:50-5:15	Protecting Resources When Outside Pressures are Inside the Park Boundary / Barbara Goodman	Fossil Resource Protection in Parks: A Comparison of Management Strategies in Canada and the United States / Vincent L. Santucci & Jodi Vincent	Reflections from Discovery 2000: Building Relationships with Our Park Neighbors / Roger J. Andrascik	Inclusion in NPS Management at Grand Canyon: Tribal Involvement and Integration / Janet Balsom	Conservation Genetics as a Tool for Management of a Reintroduced Species, the Black-Footed Ferret / Samantha Wisely et al.	Integrating GIS on Your Desktop: NPS Theme Manager / Susan Huse et al.	Teaching History with Modern Technology: A Case Study of Gettysburg National Military Park's 2000 Satellite Broadcast to Schools / Barbara J. Sanders	Monitoring the Effect of Land-Use Patterns on Aquatic and Wetland Communities in the Pinelands National Preserve / Robert A. Zampella
5:15-5:40	Mosquitoes and Public Health / Constantine Dillon & Mike Bilecki	Before the Ice Age: Environmental Change in Southern Idaho During the Pliocene / Greg McDonald	Bringing Discovery 2000 Home / Brian Kenner	Taking the Pulse of Collaborative Management in Canada's National Parks and National Park Reserves: Voices from the Field / Viviane Weitzner et al.	Crossing Boundaries to Increase Nesting by Kemp's Ridley Sea Turtles at Padre Island National Seashore and in South Texas / Donna J. Shaver	Remote Sensing Imagery and Applications for Parks / Mike Story	Field Science Partnership Teaches Sound Science: A Model for Partnership Between Parks, Communities, and Cooperating Agencies / Marianne Karraker	Site Conservation Planning for the Potomac River Gorge: A Partnership Between Two National Parks and The Nature Conservancy / Olin Allen et al.
5:40-6:05	Using GIS for Community-Based Planning in the Ohio & Erie Canal Heritage Corridor / Anthony L. Gareau	One Dead Reptile: The Death, Resurrection, and Interpretation of a New Carnivorous Dinosaur from Dinosaur National Monument / Daniel J. Chure	Sharing the Discovery 2000 Experience / Devi Sharp ***** SCREENINGS OF E.O. WILSON & PETER RAVEN VIDEOS FROM D-2000: 7:30 pm, Colorado A-B	Developing a Cooperative Management Plan for the Largest Caribou Herd in Alaska / David Spirtes	The Return of a Threatened Species, Seabeach Amaranth, at Assateague Island / Chris Lea et al.	What's New in GPS / Tim Smith	Using the National Register of Historic Places to Promote Heritage Tourism / Patrick W. Andrus	Ground Water-Surface Water Interactions at a Losing Stream: Their Relationship to Interdunal Wetland Disappearance at Great Sand Dunes National Monument / Fred Wurster

## Concurrent Sessions | Wednesday early morning, April 18 | 8:00-10:05

Location >>	Colorado A	Colorado B	Colorado C-D	Colorado G-H	Colorado I-J	Denver 5-6	Matchless
	Concurrent #26	Concurrent #27	Concurrent #28	Concurrent #29	Concurrent #30	Concurrent #31	Concurrent #32
	Examples of Protected Area Practice Outside North America / David Ostergren, chair	Valuable Scientific Discoveries from Bioprospecting in Protected Areas in National Parks / Lindsay McClelland & John D. Varley, chairs	Natural and Cultural Resources: Sharing Our Expertise / Laura Soullière, chair	Raising the Wilderness Child: It Really Does Take a Community / Judy Alderson & Rick Potts, chairs	Planning for Successful Partnerships / Frank Fiala, chair	Where Nature and Cities Meet: Protecting Parks by Crossing Park Boundaries / Margaret W. Weesner & Franklin C. Walker	Crossing Boundaries, CESU Style: A Discussion Workshop on the Success and Importance of the Growing CESU Network / Larry L. Norris, chair
8:00-8:25	Emscher Park, Germany: Rethinking Boundaries and Definitions / Michael Turton & Judith M. LaBelle	<i>NPS BIOPROSPECTING POLICY</i>  Summary and Servicewide Strategy / Michael Soukup (8:00-8:10)	International and Cultural Boundaries Edging Parks: Linking Biodiversity and Cultural Diversity Issues / Gary Paul Nabhan	PANELISTS: Denny Fenn Bill Gwaltney Doug Morris Dick Ring Mike Soukup	Joining Forces: National and State Park Cooperation / Kevin Good	PANELISTS: Brian O'Neill Art Eck Judy Cordova John Debo Frank Walker	PRESENTERS: Kathy Tonnessen Ron Hiebert Gary Machlis
8:25-8:50	External Economic Pressures and Park Planning: A Case Study from Dominica / Barry Allen & Lee Lines	What is Bioprospecting? / Preston Scott (8:10-8:25)  Legal Environment / Carla Mattix (8:25-8:35)  Status of NEPA Effort / Sue Mills (8:35-8:45)	Implementing Wetland Protection for Agricultural Lands in Cuyahoga Valley National Park / Kevin L. Skerl		West Nile Virus and Other Fears: Opportunities to Foster Partnerships / James A. Ebert		
8:50-9:15	Establishing Protected Areas in the Philippines: Emerging Trends, Challenges, and Prospects / Rafael G. Senga	<i>SCIENCE &amp; RESOURCE MANAGEMENT</i>  Valuable Microbes in Fragile Cave Environments / Larry Mallory (8:45-9:00)  Managing the Cave Environment in Light of New Ecological Understanding / Dale Pate (9:00-9:15)	Landscapes as a Means of Integrating the Management of Natural and Cultural Resources / Susan Calafate Boyle		Spatial Decision Support Systems for Assessing Impacts of Landscape Change in Gateway Communities for National Parks / Tony Prato & Ramathan Sugumaran		
9:15-9:40	The Costa Rican Experience in the Capitalization of the Environmental Services of its Protected Areas / Luis Gamez	Life in Yellowstone's Thermal Features / Ann Deutch (9:15-9:30)  Searching for Valuable Products in Vascular Plants / tba (9:30-9:45)	Viewing Civil War History from a Natural Resource Window / Robert D. Higgins & Deanna Greco		Working Outside the Boundaries: A Cooperative Project to Achieve Watershed Objectives with Farmers Adjoining Point Reyes National Seashore / Brannon Ketcham		
9:40-10:05	Crossing Boundaries in Protected Area Management in Vietnam / Le Van Lanh	Managing Bioprospecting in Yellowstone / John Varley (9:45-10:00)	Great Sand Dunes Eolian System Archeological Program: Research Through Multiple Disciplines and Multiple Partners / Fred Bunch et al.		Using GIS to Develop Consensus Among Trail Managers / Melanie Beck		

## Concurrent Sessions | Wednesday late morning, April 18 | 10:30-12:10

Location >>	Colorado A	Colorado B	Colorado C-D	Colorado G-H	Colorado I-J	Denver 5-6	Matchless
	Concurrent #33	Concurrent #34	Concurrent #35	Concurrent #36	Concurrent #37	Concurrent #38	Concurrent #39
							WORKSHOP
	Natural Soundscapes and Viewsheds / chair tba	Getting Perspective: Tapping into an Agency's Institutional Memory / Jerrilyn Thompson, chair	The Intruders: Management of Invasive and Exotic Species II / Chris Lea, chair	Prescribed Fire / Tonja Opperman, chair	HABS/HAER Research in America's Parks and Parkways / Tim Davis, chair	Environmental Quality / Neil Munro, chair	MP-2001: Managing in the New Millennium / Bob Karotko & Marcia Keener, chairs
10:30-10:55	An Update on the Protection of Natural Soundscapes in National Parks / William B. Schmidt	The National Park Service's Technical Information Center: Resources for Science, History, and Planning / Scott Pawlowski	Weed Threat Assessment in Sequoia, Kings Canyon and Yosemite National Parks / Peggy Moore & John Gerlach	Restoring Fire to the National Parks: How Are We Doing? / David J. Parsons, Stephen J. Botti & Jan van Wagtenonk	HAER's NPS Park Roads and Parkways Research Program / Tim Davis	Moving the 11-Million-Ton Gorilla: The Atlas Tailings Pile Saga / Bruce Rodgers	
10:55-11:20	FAA & NPS Management of Noise Intrusions / Howie Thompson, Rick Ermenwein & Marv Jensen	Interactions Between Land-Use History and Floodplain Forest Management in Zion National Park, Utah / Michelle Steen-Adams	Exotic Pest Plant Control: A Partnership Between the National Park Service and the State of Florida / Antonio J. Pernas et al.	Integrating NHPA Section 106 Compliance and Prescribed Fire: A Model / Amy Horn	Researching Engineering Structures in the Parks / Richard O'Connor	Application of the Biomonitoring of Environmental Status and Trends Contaminant Assessment Process in Acadia National Park, Maine / Terry Haines & James Coyle	
11:20-11:45	Our Public Lands in Twenty Years: National Parks or Amusement Parks? / Sean Smith et al.	The NPS Natural Resource Management Trainee Program: A Critical Analysis and Look Back / Allan O'Connell et al.	Determining the Feasibility of Controlling Chinese Tallow Tree in Big Thicket National Preserve / Roy Mason Zipp et al.	When the Smoke Clears, BAER Takes on the Hot Issues / Erv Gasser et al.	HABS Recording: Academic Record and Practical Tool / Catherine C. Lavoie	Estimating and Reducing Air Pollutant Emission from Within National Parks / Don Shepherd	
11:45-12:10	The Blue Ridge Parkway: A Case Study in Scenery Management / Gary W. Johnson	Why Do We Need this File? Don't Throw Away Your Old Data! / Kara J. Paintner & Sue Fritzsche	Invasive Exotic Plant Inventory in a Colonial Park: Lessons Learned / Kristen Gounaris	Meeting Resource Management Objectives with Prescribed Fire / MaryBeth Keifer et al.	Discussion	Surface Water Analysis and Management Recommendations for the Carico Lake Allotment / Joe M. Ratliff & Charles Keeports	

# Concurrent Sessions | Thursday early morning, April 19 | 8:00-10:05

Location >>	Colorado A	Colorado B	Colorado C-D	Colorado E	Colorado F	Colorado G-H	Colorado I-J	Denver 5-6	Matchless
	Concurrent #40	Concurrent #41	Concurrent #42	Concurrent #43	Concurrent #44	Concurrent #45	Concurrent #46	Concurrent #47	Concurrent #48
				SEMINAR	PANEL DISCUSSION		NPS NRIM TRACK, SESSION D		WORKSHOP
	National Park Service Museum Collections: Unbounded Resources; or, Between Scylla and Charybdis / Allen Bohnert, chair	Managing Freshwater Ecosystems / Gary Larson, chair	Teaming with Maintenance / Abigail Miller, chair	One Eye Shut and One Hand Tied Behind Our Backs: Exploitative Resource Risks and the Integration of Science and Protection Assets / Tom Blount, chair	Defining Natural: The Continuing Challenge of Developing Long-Term Resource Management Objectives / Barbara J. Moritsch, chair	Elements of Effective Inventory & Monitoring Programs II / Julie Van Stappen, chair	Application of GIS for Resource Protection in Parks and Reserves / Theresa Ely, chair	The People Next Door: How Regional Planning and Partnerships Can Aid in Dealing with Urban Sprawl, Noise and Air Pollution, Unregulated Water Use, and Tribal Homeland Issues in the California Desert / Linda W. Greene, chair	Designing Ecological Monitoring in the National Park Service / Darcy Hu, chair
8:00-8:25	A Rose is a Rose is a Rose... / Robert C. Sonderman  Museum Collection Management: Naturally Crossing Boundaries / Allen Bohnert	Genetic and Habitat Factors in the Management of Lake Crescent Trout / John Meyer	Facility Management in the 21 <sup>st</sup> Century: Resource Stewardship Role / David Brouillette	PANELISTS: Terry Terrell John Garrison James Corbin Janet Rock Ken Goddard Jim Chamberlain Ken Johnson	PANELISTS: David Graber Dave Schirokauer Gordon White Tom Nichols	Current Status and Early Results of the All Taxa Biodiversity Inventory / Becky Nichols & Keith Langdon	Making GIS Data More Accessible through Metadata Collection and Clearinghouse Posting in the NPS Intermountain Region / Theresa Ely & Kit Dwyer	PRESENTERS: Mike Reynolds Chris Holbeck Mel Essington Doug Threlloff Kent Turner	PRESENTERS: Kathy Jope Gary Davis Bruce Freet
8:25-8:50	Melrose, a Multifaceted Jewel in the NPS Crown: Interdisciplinary Contributions to Historic Preservation and Museum Collection Management / Allen Bohnert & Kathleen McClain Jenkins	Inventory of the Stoneflies (Plecoptera) of Mount Rainier National Park / Boris C. Kondratieff & Richard A. Lechleitner	Creeks, Culverts, and Ditches / Terri Thomas & Allan Pond			Crossing Boundaries Through Development of a 'State of the Parks' Cultural and Natural Resource Assessment / Mark R. Peterson & Thomas J. Stohlgren	Building an Enterprise GIS from the Ground Up: A Case Study of Timpanogos Cave National Monument, Utah / Brenden Estes McNeil		
8:50-9:15	Using Community and Museum Collections to Interpret Industrial History / Abby sue Fisher	Developing Indicators of Freshwater Emergent Wetland Ecosystem Integrity for Monitoring and Management at Acadia National Park / Glenn R. Guntenspergen & Hilary Neckles	Gravel Pit Inspections: Working with Maintenance to Prevent Exotic Plant Introductions to Yellowstone National Park / Tom Olliff			Expanding Single-Species Monitoring Toward Ecosystem Management: An Example from Santa Barbara Island, California / Catherin A. Schwemm & Timothy J. Coonan	Monitoring Wetlands Changes at Great Sand Dunes National Park Using Aerial Photography and GIS / Dave Hammond		
9:15-9:40	Research and Collecting: Still Untapped Resources / Jonathan Bayless	Long-Term Comparison of Fish Communities in Areas Receiving Alternative Patterns of Water Delivery in Everglades National Park / Joel Trexler & William Loftus	Improving Resource Stewardship by Understanding Facility Managers' Needs / Chris V. Case			Detecting Change Across Broad Scales: An Inferential Design for Intertidal Monitoring at Glacier Bay National Park & Preserve, Alaska / Gail V. Irvine	Preserving Paleontological Resources Using Photogrammetry and GIS / Nefra Matthews & Brent Breithaupt		
9:40-10:05	National Park Service Museum Collections—Inclusive Management Opportunities / Virginia M. Salazar  Paleontology Data and NPS Collections: Unbounded Resources; or, Between Managers and Scientists / Ted Fremd	Evaluating Dams for Removal and Setting Restoration Priorities Using the Decision Advancement Method (DAM) / W. Alex Birchfield	Integrated Pest Management: A Bridge Between Maintenance and Resource Management / Jackie D. Messer			Geoinicators: A Tool for Monitoring the Ecosystem and Understanding the Resources / Robert D. Higgins	Point Reyes and Golden Gate Vegetation Map: Accuracy Assessment and Uses / Dave Schirokauer		

# Concurrent Sessions | Thursday early afternoon, April 19 | 1:30-3:35

Location >>	Colorado A	Colorado B	Colorado C-D	Colorado E	Colorado G-H	Colorado I-J	Denver 5-6	Matchless
	Concurrent #49	Concurrent #50	Concurrent #51	Concurrent #52	Concurrent #53	Concurrent #54	Concurrent #55	Concurrent #56
	PANEL DISCUSSION					NPS NRIM TRACK, SESSION E		WORKSHOP
	More than a Database: NPS's Cultural Landscapes Inventory Improves Resource Stewardship / Nancy J. Brown, chair	Passport to the Future: Crossing Boundaries in Managing Recreational Use of National Parks and Related Areas / Robert Manning, chair	The Native Presence II / Bill Brown, chair	Accommodating Park Visitors: Searching for Relevance in a Time of Changing Preferences / Mark Peterson, chair	Wildlife Ecology and Management II / Kurt Jenkins, chair	Effectively Accessing Biological Information on the Web: A Vision for the Future / Gary S. Waggoner, chair	The Role of Parks in Regional Ecosystem Initiatives / David E. Busch & James Milestone, chairs	NPS Learning Centers: Status and Vision / Susan Sachs, Lynne Dominy, and Karen Ballentine, chairs
1:30-1:55	PANELISTS: Thomas G. Keohan David C. Hasty Lee Terzis	Integration Across Disciplinary Boundaries / Peter Newman et al.  Integration Across Experiential Boundaries / Steven Lawson  Integration Across Societal Boundaries I (subsistence use and users) / Daniel Laven et al.	People Within the Parks: Federal Management of Consumptive Uses of Fish and Wildlife Within One-Half of All Lands Managed by the USNPS / Sanford P. Rabinowitch	Using Economics to Inform National Park Management Decisions: A Case Study on the Blue Ridge Parkway / Leah Greden Mathews et al.	Tick Seasonality and Abundance at Arkansas Post National Memorial / Kevin Eads & Philip A. Tappe	PRESENTERS: Gary S. Waggoner Michael A. Ruggiero Meredith Lane Mike Frame Lori Hidingler Ron Slangen	Regional Ecosystem Initiatives from National- and Park-Based Perspectives / David E. Busch and James Milestone	
1:55-2:20		Integration Across Societal Boundaries II (traditionally underrepresented groups) / Myron Floyd  Integration Across Methodological Boundaries / Wayne Freimund et al.  Integration Across Geographic Boundaries I (conceptual approaches) / Steve McCool & David Cole	A River for Three Nations: An Environmental History of the Yukon River / Cyd Martin	Be Relevant or Become a Relic: Meeting the Public Where They Are / David L. Larsen	Measurement of Deer Impacts to Forest Vegetation Using Large Enclosures in Shenandoah National Park, Virginia / Wendy B. Cass		Roles for Olympic National Park and USGS in the Northwest Forest Plan / Scott Gremel et al.	
2:20-2:45		Integration Across Geographic Boundaries II (empirical approaches) / Cynthia Warzecha et al.  Integration Across Temporal Boundaries / James Bacon et al.	Cooperative Watershed Restoration: Redwood National and State Parks and the Yurok Tribe / Terry Spreiter	A Look Ahead: Key Social and Environmental Forecasts Relevant to the National Park Service / Gary E. Machlis	Using Remotely Sensed Data and GIS to Model Ungulate Winter Habitats on the Northern Yellowstone Winter Range / Kim A. Keating et al.		Development and Implementation of an EcoRegional Adaptive Management Strategy on Forest Service Lands in the Sierra Nevada / Peter Stine et al.	
2:45-3:10		Integration Across Agency Boundaries / Glenn Haas  Integration Across Programmatic Boundaries / Megha Budruk  Barriers to Integration / Darryl Johnson & Mark Vande Kamp	Population and Human Disturbance of Golden Eagles in Northeastern Arizona / Michael W. Britten	Future Management at Wilson's Creek National Battlefield: A Comparison of Local and Non-Local Visitor Opinions and Preferences / Joanna Rosendahl et al.	Fetal Development and Timing of Births in Yellowstone National Park Bison / Peter J.P. Gogan et al.		Crossing Boundaries to Protect Resources at Redwood National and State Parks / Terry Hofstra	
3:10-3:35			Vanishing Treasures: Educating a New Generation of Craft Persons / Eric J. Brunnemann	Do You Know Your Neighbors? / Natalie Sexton	Reintroduction of Bison into the Rocky Mountain Parks of Canada: Historical and Archaeological Evidence / Charles E. Kay & Cliff White		The Restoration of the Everglades: The Role of Park Science in Ecosystem Restoration Initiatives / Thomas Van Lent et al.	





## Concurrent Sessions | Thursday late afternoon, April 19 | 4:00-6:05

Location >>	Colorado A	Colorado B	Colorado C-D	Colorado G-H	Colorado I-J	Denver 5-6	Matchless
	Concurrent #57	Concurrent #58	Concurrent #59	Concurrent #60	Concurrent #61	Concurrent #62	Concurrent #63
					PANEL DISCUSSION		WORKSHOP
	Reweaving the Web: Ecological Restoration I / Joel Trexler, chair	Remote Sensing Data and Applications / Mike Story, chair	Wilderness Management / Richard West Sellars, chair	The Public Information Challenge: Getting Resource Information to the Visitors / Jen Coffey, chair	Crossing the Boundary of Nature and Culture: Emerging Practice in Cultural Landscape Management / Nora Mitchell, chair	Understanding Recreational Users and Use Patterns / Leah Greden Mathews, chair	Learning to Listen to the Sounds of the Parks: A Workshop for Educators and Interpreters / Wes Henry & Bernie Krause, chairs
4:00-4:25	Restoration of Hidden Valley Ski Area at Rocky Mountain National Park / Jeff Connor & Karl P. Cordova	Landsat 7 Contributions to the NPS Vegetation Mapping Program / Eric C. Brown de Colstoun	Wilderness 'Minimum Requirement' Protocols Apply to Your Project, Too / Jim Walters	Why Do We Need to Deliver Natural Resource Information to the Public and How Can We Do It Effectively? / Michael Whatley	PANELISTS: Russell Galipeau Lucy Lawliss Steve Miller	An Evaluation of Appalachian Trail Hikers' Knowledge of Minimum Impact and Leave No Trace Skills and Practices / Peter Newman et al.	
4:25-4:50	Ecological Restoration in a Giant Sequoia Grove / Jeff Manley & Athena Demetry	Using Satellite Imagery in Support of Fire Effects Monitoring of Grand Canyon National Park's Prescribed Fire Program / Dan Spotskey	A Walk on the Wild Side: Inspiring Wilderness Advocacy Through Shenandoah National Park's Wilderness Education Program / Laura Cheek	Integrating Information Dissemination: Natural Resource Interpretation at Acadia National Park / Deb Wade	COMMENTORS: Brent A. Mitchell Barbara Slaiby	Nonconforming, Conflicting, or Contentious Issues? The Role of Science in Providing a Foundation for Controversial Park and Protected Area Stewardship Decisions / Alan E. Watson et al.	
4:50-5:15	Restoration of Bison in the Canadian Rockies? Ecological Integrity and Management Considerations / Cliff White et al.	Remote Sensing Airborne Laser Technique for Microtopography in Endangered Species Habitat / Frank Partridge	NPS-Alaska Backcountry and Wilderness Planning: A Regional Approach / Judy Alderson & Heather Todd Rice	The Good, the Bad, and the Ugly: Resource Issue Interpretation at Grand Canyon National Park / Anita Davis		Monitoring Visitor Reactions to the Recreational Fee Demonstration Program: Comparing Summer and Winter Visitors to Yellowstone National Park / Jerrilyn L. Thompson et al.	
5:15-5:40	Free-Ranging Tule Elk at Point Reyes National Seashore: Chapter Two in a Restoration / Natalie B. Gates	Use of AVIRIS Hyperspectral Data in National Parks / Rodger Clark	On Common Ground: An Enduring Wilderness as Cultural Landscape and Biotic Reserve / Steve Ulvi	The Pig Dig: Integrating Paleontological Research and Visitor Interpretation at Badlands National Park / Rachel Benton		Managing Angling in Banff National Park: User Needs and Resource Protection / Michael S. Quinn	
5:40-6:05	Bighorn Sheep Management in Badlands National Park: Past, Present, Future / Michelle Bourassa	Use of Remote Sensing for Park Interpreters / Anita Davis	Draft Guidelines for Evaluating Proposals for Scientific Activities in Wilderness / Peter Landres & Judy Alderson	DISCUSSION		Use of Snowmobile and Personal Watercraft on Federal Lands: Results of a Nationwide Survey / Brian Estes	

## Concurrent Sessions | Friday early morning, April 20 | 8:00-10:05

Location >>	Colorado A	Colorado B	Colorado C-D	Colorado G-H	Colorado I-J	Denver 5-6	Matchless
	Concurrent #64	Concurrent #65	Concurrent #66	Concurrent #67	Concurrent #68	Concurrent #69	Concurrent #70
	Using Transportation as a Tool to Protect Park Resources / Henrietta DeGroot, chair	Management of Alaska National Parks in the New Millennium: Crossing Boundaries to Implement the Vision / Mike Tranel & Stephen P. Martin, chairs	National Park Boundaries: Barrier or Bounty for Invasive Species Management / Gary Johnston, chair	Managing for Recreational Impacts / chair tba	A New View of Resource Protection: Integrating Law Enforcement with Resource Management / Bob Krumenaker, chair	Reweaving the Web: Ecological Restoration II / Rick Smith, chair	Preserving Ecological Processes Within Protected Areas / Mary Foley, chair
8:00-8:25	How Do You Know You Have a "Transportation Problem"? / Renee Sigel	Coming Out of the Country: Alaska's National Parks in a New Century / Stephen P. Martin	Invasive Species—Homogenizing the World's Flora and Fauna: U.S. Strategies for Action / Randy G. Westbrooks (8:00-8:20)	Principles of Recreation Stewardship in Parks and Protected Areas / Christopher A. Monz & Glenn Haas	Lost Treasures: The Theft of Fossil Vertebrates from Museum Collections and Exhibits / Daniel J. Chure	Rehabilitating a Riparian-Wetland Ecosystem Along Lower Glorieta Creek, Pecos National Historical Park, New Mexico / Joel Wagner et al.	Determination of Ecological Boundaries for the Establishment and Management of Canadian National Parks / Micheline Manseau et al.
8:25-8:50	Using Alternative Transportation Systems to Achieve Visitor Experience and Resource Protection Goals / Bill Byrne	Alaska National Parks: Current Issues, Management Challenges, and the Legal and Political Setting / Ralph Tingey	Rocky Mountain National Park Partnerships with Adjacent Gateway Communities to Tackle Noxious Weeds / Jeff Connor (8:20-8:40)	Minimum Group Sizes: An Attempt to Allow Public Access and Increase Safety / Wayne Tucker	Protection of Information About the Nature and Specific Location of Park Resources / K.C. Becker & John G. Dennis	Integrating Highly Skilled Volunteers into an Ongoing Native Plant Restoration Program / Sarah G. Bishop et al.	Pollinators in Peril? Documenting America's Treasure of Native Bees / Terry Griswold
8:50-9:15	Where Are All the Park Visitors? Visitor Use Models Using Industry Standards for Facility Capacity / Al Shacklett	A New Role for Partnerships / Chip Dennerlein	Exotic Plant Management Teams / Terry Cacek (8:40-9:00)	Protecting Public Health at Lake Powell / Mark Anderson et al.	Resource Stewardship – Rebuilding a House Divided: The Pacific West Region's Resource Stewardship Strategy for 2000 and Beyond / Terry Hofstra et al.	Utilizing Partnerships to Restore a Native Prairie / Kurt A. Foote	The Bees and Wasps of Pinnacles National Monument: Something to Buzz About / Amy L. Fesnock et al.
9:15-9:40	Social Carrying Capacity of Yosemite Valley / Robert Manning et al.	Establishing a Science Program: Strategic Planning for Ecological Monitoring and Ecological Education / Susan Boudreau	Crossing Boundaries at Haleakala: Addressing Invasive Species Through Partnerships / Lloyd L. Loope & Donald W. Reeser (9:00-9:20)	Turning the Corner: Management of Human-Bear Conflicts in Yosemite National Park / Steve Thompson	Interdisciplinary Resource Protection Training / Todd Swain	Infrastructure and Management Considerations in a Large Restoration Project: A Case Study of the Elwha River / Brian D. Winter	Developing Tools to Monitor and Predict Effects of Nutrient Enrichment at Acadia National Park / Charles Culbertson et al.
9:40-10:05	The Yosemite Area Regional Transportation System: A Unique Partnership / Margie Steigerwald	Winning and Losing in Court: The Great Denali Snowmachine Debate / Mike Tranel	International Partnerships and Invasive Species Management / Curt Deuser (9:20-9:40)  Integrated Pest Management: What Is It and What Has It Done for the National Park System? / Jerry McCrea (9:40-10:00)	Social Trail Proliferation in National Parks: Assessment and Management Issues / Yu-Fai Leung	Security Along the Appalachian Trail / James T. Bacon	Forest Ecosystem Restoration in a Proposed Wilderness: Science, Policy, and Public Opinion at Grand Canyon National Park / Robert A. Winfree	Difficulties in Implementing an Ecologically Sound Fire Management Program at the Wildland-Urban Interface: A Case Study from the Santa Monica Mountains, California / John Tiszler