



BIODIVERSITY 20 WITHOUT 12 BOUNDARIES

April 22–26
Portland, Oregon

The NatureServe Conservation
& Natural Heritage Conference

Agenda

Current as of February 17, 2012. Agenda is subject to change. Presenters will be notified directly of changes affecting their time/slot. Visit connect.natureserve.org/BWB2012/Agenda for the most up-to-date agenda.

SUNDAY, April 22 – Field Trips

All-day and afternoon trips are available. All field trips include transportation, and depart from the conference hotel; further details and individual trip descriptions are available at connect.natureserve.org/BWB2012/FieldTrips. Sign up when you register!

9:00--5:00 (lunch included)	Columbia Gorge (\$28/person)
	Willapa Bay NWR and Long Island RNA (\$28/person)
11:00--5:00 (lunch included)	Sandy River Area of Critical Environmental Concern and Preserve (\$22/person)
1:00--5:00	Metro Area Wetlands and Ecosystem Restoration Smith and Bybee Lakes in Oregon & Lamas Meadows (\$18/person)
	Camassia Preserve and Willamette Falls (\$18/person)

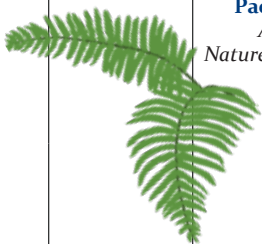
POSTERS

Posters will be displayed in the lobby area Tuesday and Wednesday. Authors should be available for questions during the afternoon breaks.

LANDFIRE: Data for Land Management Kori Blankenship, The Nature Conservancy	Going West with LandScope Kyle Copas, NatureServe	Death of a Legend, Birth of a Legend John Fleckenstein, Washington Natural Heritage Program	Climate Adaptation Knowledge Exchange: Developing an Innovative Community of Practice for Managing Natural Systems in the Face of Rapid Climate Change Rachel Gregg, EcoAdapt
Assessing the Conservation Status of Select Arthropod Species Groups Jennifer Heron, British Columbia Ministry of the Environment	Vegetation and Habitat Mapping on National Wildlife Refuges Tom Miewald, U.S. Fish and Wildlife Service	Providing Remotely Sensed Data for Conservation and Management Cassandra Nunez, NASA	GNN Maps of Forest Vegetation for Landscape Analysis Janet Ohmann, USDA Forest Service
Identifying Intra-Specific Fish Elements Sue Pollard, British Columbia Forest, Lands and Natural Resource Operations	Flying for Conservation Shannon Rochelle, LightHawk	Forest Inventory and Analysis: the Nation's Forest Census Bethany Schulz, USDA Forest Service	Land Use/Land Cover Change Analysis in a cyberCommons Integrated Environment Susan Wahl, Kansas State University

MONDAY, April 23 – Plenary Sessions and Methodology Workshops

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	Botany	Zoology	Ecology	Data Management	Leadership	
8:30–10:00	Welcome and Opening Remarks <i>Tom Brooks, NatureServe, and Jimmy Kagan, Oregon Biodiversity Information Center (30 min)</i>					
	Implementing the Rank Calculator <i>Margaret Ormes, NatureServe (60 min)</i>			Mobile Observation System Handheld Clinic <i>Lori Scott, NatureServe (60 min)</i>	Effective Networking: How We Do, Can, and Will Work Together [Workshop] <i>(120 min total) Includes:</i>	
10:30–NOON	Botany Global Ranking Session: Focus on the Pacific Northwest <i>Anne Frances, NatureServe (Rest of Day)</i>	Issues with Assessing Status of Invertebrates [Workshop] <i>Leah Ramsay, British Columbia CDC (90 min)</i>	Rediscovering the Black Hills Montane Grassland: Revised Methods for Conservation Status and Condition <i>Don Faber-Langendoen, NatureServe (30 min)</i>	Observations Workshop <i>TBD (60 min) Includes:</i> Wool from a Black Sheep <i>Ben Studer, Idaho Fish and Game</i>	The Discovery Conversation: A Tool for Building Partnerships Within and Beyond Your Program <i>Jennifer Newmark, Nevada Natural Heritage Program</i>	
			Mappable Vegetation Classes for the Cascade and Olympic Ranges <i>Eric Nielsen Institute for Natural Resources-Portland (30 min)</i>			Interdependency: The NatureServe/Member Program Network <i>Don Kent, New Hampshire, Natural Heritage Bureau, and Judy Soule, NatureServe</i>
			Vegetation Mapping in National Park Service Units <i>Joe Stevens, Colorado Natural Heritage Program (30 min)</i>	Integrating Natural Heritage Species Data into Wildlife TRACS <i>Kat Maybury, NatureServe (30 min)</i>	Strengthening Network Leadership: Getting Concrete ... <i>Shelley Cooke, New York Natural Heritage Program</i>	
1:30–3:00		Tracking Wide-Ranging Species [Workshop] <i>Bruce Bennett, Environment Yukon, et al. (90 min)</i>	Mapping Large River Corridors in Montana <i>Claudine Tobalske, Montana Natural Heritage Program (30 min)</i>	Information Managers Roundtable <i>TBD (90 min)</i>	Environmental Review Data Sharing <i>Melissa Coppola, State of New Hampshire (30 min)</i>	
			Overview of a Coastal and Marine Ecological Classification Standard <i>Kathy Goodin, NatureServe (30 min)</i>		Networking for Data Delivery: A Model for 21st Century Conservation Success <i>Mary Klein, NatureServe (60 min)</i>	
			The Rocky Mountain ReMAP Project <i>Linda Vance, Montana Natural Heritage Program (30 min)</i>			
3:30–5:00		Zoology Roundtable <i>TBD (90 min)</i>	Ecosystem Red Lists and the Next Generation of Global Ranks [Workshop] <i>Pat Comer, NatureServe (90 min)</i>	Caring for Your Elderly Biotics <i>Shelley Cooke, New York Natural Heritage Program (60 min)</i>	All-U.S.-Members Meeting <i>U.S. Section Council, Bob Gottfried (chair) (90 min)</i>	
				LandScope Enhancement <i>Kyle Copas, NatureServe (30 min)</i>		



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TUESDAY, April 24 – Plenary and Concurrent Sessions

	The Wild West	Science	Technology & Tools	Planning & Leadership
8:30–10:00	Welcome and Opening Remarks <i>Mary Klein, NatureServe, Dr. Susan Beatty, Portland State University, and Dr. Peter Goldmark, Washington Department of Natural Resources (45 min)</i>			
	Recent Advances in Wildlife Species Predictive Distribution Modelings <i>Eleanor Gaines, Oregon Biodiversity Information Center (20 min)</i>	National Climate Change and Wildlife Science Center: National Science Strategy and Priorities <i>Shawn Carter, USGS (20 min)</i>	Establishing the Network of Natural Heritage Modeling and Mapping Centers <i>Kat Maybury NatureServe (45 min)</i>	The Business Case for Biotics 5 <i>Rob Solomon, NatureServe (45 min)</i>
	What Fecal Hormones Tell Us About the Impact of Motorcycles on the Spotted Owl <i>Lisa Hayward, American Association for the Advancement of Science (25 min)</i>	The Northwest Climate Science Center: Emerging Plans and Priorities <i>Gustavo Bisbal, USGS (25 min)</i>		
10:30– NOON	Too Many Species, Too Little Information: A Multi-Pronged Approach to Invertebrate Conservation <i>Scott Black, Xerces Society for Invertebrate Conservation (22 min)</i>	Vulnerability Assessments Can Help You Make Friends! Using the CCVI in the Collaboratory <i>Kimberly Hall, The Nature Conservancy (22 min)</i>	From Data to Decisions: Revising the Virginia Natural Heritage Plan <i>Jason Bulluck, Virginia Natural Heritage Program (30 min)</i>	Funding Land Conservation: A Kentucky Experience <i>Don Dott, Kentucky Natural Heritage Program (30 min)</i>
	The White Mountains of Eastern Arizona <i>David Moll (22 min)</i>	Modeling Species Range Dynamics to Support Assessment of Extinction Risks Under Climate Change <i>Richard Pearson, American Museum of Natural History (22 min)</i>	Tool to Calculate the Pressure of Anthropogenic Uses on Natural Systems <i>Ixchel Shesena, Pronatura Veracruz A.C. (20 min)</i> <i>*En Español*</i>	A History of Cooperation and Success <i>John Fleckensten, Washington Natural Heritage Program (30 min)</i>
	Species Distribution Modeling of Western Rare Plants <i>Shannon Still, Chicago Botanic Garden (22 min)</i>	Monitoring Regional Threats to Forest Health With FIA Data <i>Sara Jovan, U.S. Forest Service (22 min)</i>	Good Practices in the Use of Marxan for Systematic Conservation and Land/Water-Use Planning <i>Heather Coleman (20 min)</i>	
	Prospecting for Rare Plants in the Klondike Gold Fields <i>Syd Cannings, Environment Canada (22 min)</i>	Tackling Taxonomic Updates: The NatureServe-ITIS Partnership <i>Amanda Treher, NatureServe (22 min)</i>	Identifying Conservation Opportunity Areas for Species of Greatest Conservation Needs <i>Christopher Tracey, Pennsylvania NHP (20 min)</i>	A Habitat Network for the Nation <i>Sarah Vickerman, Defenders of Wildlife (30 min)</i>
1:30–3:00	Reconnecting the Western Wildway <i>David Johns, Wildlands Network (30 min)</i>	Plants and Climate Change: Vulnerability Assessments and Conservation Implications [Workshop] <i>(180 min)</i> <i>Facilitator: Anne Frances, NatureServe, with: Bernadette Kuhn and Susan Panjabi, Colorado Natural Heritage Program</i> <i>Yanick Gendreau, Université du Québec à Rimouski</i> <i>Max Larrivée, NatureServe Canada</i> <i>Vicente Monleon, USDA Forest Service</i> <i>Scott Mincemoyer, Montana Natural Heritage Program</i> <i>Leah Oliver, Amanda Treher, and Bruce Young, NatureServe</i> <i>Shannon Still and Pati Vitt, Chicago Botanic Garden</i>	Environmental Review: Tools of the Trade and More <i>René Hypes, Virginia Department of Conservation and Recreation (30 min)</i>	Consolidation of Standards for the Identification of Sites of Global Biodiversity Conservation Significance <i>Tom Brooks, NatureServe, Stephen Woodley, Parks Canada, and Annabelle Cuttelod, IUCN (180 min)</i>
	Assessing Renewable Energy Projects in the Desert <i>Mary Harkness, NatureServe (30 min)</i>		Permit Data System: Data Exchange with Permitting <i>Rayo McCollough, Natural Heritage New Mexico (30 min)</i>	
	Baseline Vegetation Data for the Integrated Landscape Project: Good, Bad, or Ugly? <i>Emilie Henderson, Oregon State University (30 min)</i>		Sensitive Species Data Sharing and Coordination in the Pacific Northwest <i>Michele Huffman, U.S. Forest Service (30 min)</i>	
3:30–5:00	Conservation and Restoration for a Changing Climate in Monteverde, Costa Rica <i>Patricia Townsend, Cornish College of the Arts (20 min)</i>		Developing a Regional Aquatic Restoration Decision-Support Tool <i>Jocelyn Tutak, Ecotrust (30 min)</i>	
	Research Natural Areas in the Northern Rocky Mountains: Successes and Challenges <i>Steve Shelly and Mary Manning, USDA Forest Service (20 min)</i>		What's New in NatureServe Vista 3.0 <i>Ian Varley, NatureServe (30 min)</i>	
	Simplifying a Complex World to Facilitate Conservation Conversations <i>Teresa Burcsu, Institute for Natural Resources (20 min)</i>		GBIF <i>Meherzad Romer, NatureServe Canada (30 min)</i>	
	Modeling Tamarisk in the West with HEMI <i>Jim Graham, Oregon State University (30 min)</i>			



WEDNESDAY, April 25 – Plenary and Concurrent Sessions

	Ecosystem Services	Science	Technology & Tools	Planning & Leadership
8:30–10:00	Keynote Speaker: <i>Dr. Bob Costanza, Institute for Sustainable Resources</i>			
	Payments for Ecosystem Services: A California Rancher Perspective <i>Pelayo Alvarez, Defenders of Wildlife/California Rangeland Conservation Coalition (22 min)</i>	Habitat and Landscape Associations of Freshwater Mussel Communities in the Susquehanna River Watershed <i>Mary Walsh, Western Pennsylvania Conservancy (22 min)</i>	LandScope and the EPA Atlas of Ecosystem Services <i>Kyle Copas, NatureServe (22 min)</i>	Best Practices for State Wildlife Action Plans <i>Mark Humpert, Association of Fish and Wildlife Agencies (45 min)</i>
	Participatory Information Tools to Face Land-Ownership Uncertainty and Implement PES for Biodiversity Conservation <i>Carlos Valdez, Pronatura Noroeste (22 min)</i>	Surveying the Patterned Peatlands of Minnesota <i>Erika Rowe, Minnesota DNR (22 min)</i>	Species at Risk on Department of Defense Lands <i>Nancy Benton, NatureServe (22 min)</i>	
10:30–NOON	Evaluating Treatment Options for Mitigating the Effect of Juniper Encroachment <i>Treg Christopher (30 min)</i>	The Groundwater-Biodiversity Connection: Multi-Scale Assessment Methods for Inventory, Mapping and Analysis <i>Allison Aldous, The Nature Conservancy–Oregon (30 min)</i>	Spatial Data Infrastructure of the Yucatan Peninsula <i>Gerardo García, ProNatura Península de Yucatán (30 min)</i> <i>*En Español*</i>	Partnership 101: Lessons from the Trenches <i>Kristin Sherwood, The Nature Conservancy (90 min)</i>
	Conserving Bats to Ensure a Healthy Planet <i>Mylea Bayless, Bat Conservation International (60 min)</i>	Wetland Conservation Priorities: An Updated Profile Based on Integrated Classification Schemes and EIAs <i>Joe Rocchio, Washington Natural Heritage Program (30 min)</i>	Biotics 5: Coming Soon to a Browser Near You! <i>Rob Solomon, NatureServe (60 min)</i>	
		Partnerships for Wetland Assessment and Mitigation <i>Joanna Lemly, Colorado Natural Heritage Program (30 min)</i>		
1:30–3:00	Symposium: Ecosystem Services Part 1. Panel on Ecosystem Services and Information Needs Moderator: <i>Jimmy Kagan, Oregon Biodiversity Information Center (90 min)</i> Panelists: <i>Dixon Landers, U.S. Environmental Protection Agency</i> <i>Sally Duncan, INR-OSU</i> <i>Bob Deal, U.S. Forest Service</i> <i>Bobby Cochran, Willamette Partnership</i> <i>Sara Vickerman, Defenders of Wildlife</i>		Media Tools for Engaging the Public in Biodiversity Conservation and Management in the Americas <i>Eric Zentmyer, Pronatura Mexico (60 min)</i>	Nature's Last Stand: Locating and Protecting the World's Most Remote and Biodiverse Sites <i>Alex McInturff, Stanford University (22 min)</i>
			Global Observation Research Initiative in Alpine Environments <i>Bernadette Kuhn, Colorado Natural Heritage Program (30 min)</i>	Etowah Watershed Approach to Mitigation Pilot Project <i>Sara Gottlieb, The Nature Conservancy (22 min)</i>
				Ecological Assessments: Working Across Boundaries <i>Shara Howie, NatureServe (45 min)</i>
3:30–5:00	Part 2. Information Management and Common Tools or Platforms for Developing, Integrating and Sharing Information [Workshop] Moderator: <i>Rob Fienenger, INR-OSU (30 min)</i>		Multiple Approaches to Leveraging Mobile Technologies <i>Brent Kinal, New York Natural Heritage Program (30 min)</i>	Landscape Conservation Cooperatives: A New Approach <i>John Mankowski, U.S. Fish and Wildlife Service (30 min)</i>
	Ecosystem Services Assessment in Colorado <i>Dave Anderson, Colorado Natural Heritage Program (30 min)</i>	Economic Valuation of South African Coral Reefs <i>Michael Schleyer, Oceanographic Research Institute (30 min)</i>	Mobile App for Rare Plant Information <i>Jack McMillen, Washington Natural Heritage Program (30 min)</i>	Social and Policy Outputs of Collaboration: A Case Study <i>Lee Corum (30 min)</i>
	Using an All-Lands Framework for Conservation of Ecosystem Services <i>Robert Deal and Nikola Smith, U.S. Forest Service (30 min)</i>	Capturing Ag EcoCommerce Values with Strategic Doing and Shared Governance <i>Tim Gieseke, Ag Resource Strategies, LLC</i>	Data Collection Through Adventure Athletes <i>Gregg Treinish, Adventurers and Scientists for Conservation (30 min)</i>	Multi-Jurisdictional Data in National-Level Pesticide Assessments: Challenges and Future Applications <i>Ashlea Frank, Compliance Services International (30 min)</i>

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THURSDAY, April 26 – Concurrent Sessions

	The Assessments Landscape	Science	Technology & Tools	Planning & Leadership
8:30–10:00	Mapping the Best of What's Left in the West <i>John Pierce, Washington Department of Fish and Wildlife (30 min)</i>	Sites of Biodiversity Significance in Pennsylvania <i>Christopher Tracey, Pennsylvania Natural Heritage Program (20 min)</i>	Protected Areas <i>Shara Howie, NatureServe (45 min)</i>	Dashboard Assessments to Monitor Biodiversity Indicators <i>Xuemei Han and Alexandra Sanchez, NatureServe (20 min)</i>
	Integrating Vegetation Growth, Natural Disturbances and Management in Oregon and Washington <i>Joshua Halofsky, Washington DNR (20 min)</i>	Developing Biodiversity Conservation Strategies for Great Lakes Erie and Michigan <i>John Paskus and Doug Pearsall, Michigan Natural Features Inventory (30 min)</i>		Sqwa-di-lich, Board Feet, and the Cedar Tree <i>Kurt Russo, Native American Land Conservancy (20 min)</i>
	Mid-Scale Analysis of Wildlife Habitat Using State-and-Transition Models <i>Anita Morzillo, Oregon State University (20 min)</i>	Guano Birds of Peru: A Century of Management and Conservation <i>Antonio Tovar, CDC Perú (40 min) *En Español*</i>	Spatial Decision Support for Species Recovery in the Mojave: A Multi-Agency Collaborative Effort <i>Philip Murphy, Redlands Institute (45 min)</i>	Scientist and Practitioner Collaboration and Networks: Fish and Fire in the Pacific Northwest <i>Ken Vance-Borland, The Conservation Planning Institute (20 min)</i>
	Landscape Assessment for Conservation and Mitigation <i>Dave Anderson, Colorado Natural Heritage Program (20 min)</i>			Integrating Climate Adaptation into Resource Planning <i>Jason Bulluck, Virginia Natural Heritage Program Oswald Schmitz, Yale School of Forestry & Environmental Studies</i>
	The Refuge Vulnerability Assessment Framework for Integrating Climate Change into Refuge Planning <i>Patrick Crist, NatureServe (25 min)</i>			<i>Anne Trainor, University of North Carolina Mary Klein, NatureServe (120 min)</i>
10:30–NOON	Monitoring Desired Ecological Conditions on Washington State Wildlife Areas Using an EIA Framework <i>Joe Rocchio, Washington Natural Heritage Program (25 min)</i>	Bioindicators for Ecological Restoration: Mangroves and Cloud Forests in Veracruz <i>Anibal Ramirez, ProNatura Veracruz (30 min) *En Español*</i>	iMapInvasives as a Collaboration Tool <i>Lindsey Wise, Oregon Biodiversity Information Center (30 min)</i>	
	The Assessment Landscape: Toward a Unified Approach [Workshop] <i>Facilitator: John Gamon, Washington Natural Heritage Program (40 min)</i>			
		The International Long-Term Ecological Research Ecosystem Services Assessment Initiative <i>Patrick Bourgeron, University of Colorado (30 min)</i>	U.S. Federal Agency Data Sharing Systems and Natural Heritage Data <i>Marie Venner, Venner Consulting (30 min)</i>	
NOON	Wrap-up and Farewell Fun			



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