

2014 Urban Ecology & Conservation Symposium

AGENDA

8:00 REGISTRATION

9:00 WELCOME AND INTRODUCTION: Alan Yeakley

9:10 OPENING KEYNOTE ADDRESS: Dr. David R. Montgomery
 Professor of Geomorphology, Department of Earth & Space Sciences, University of Washington
Responding to Climate Change: Stop Treating Urban Soils Like Dirt!

CONSERVATION AND MANAGEMENT TOOLS AND STRATEGIES *Moderator: David Cohen*

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| 9:50 | Bruce Roll | Clean Water Services | It Takes A Community: One Million. One Year. One Water |
| 10:00 | Joseph Karasek | Portland State University | Performance of Proprietary Stormwater Infiltration Devices in Poorly Draining Soils in Pleasant Valley, Gresham, OR |
| 10:10 | Jeff Lesh | Clackamas County Soil and Water Conservation District | Improving efficiency of invasive plant management in urban and rural settings using optimized field data workflows |
| 10:20 | Michael Rosen | Portland Bureau of Environmental Services | Portland's New Watershed Health Index |
| 10:30 | Tommy Albo | Metro, Sustainability Center | New Regional Conservation Strategy Viewer: introduction and case studies |

10:40 Q&A

10:50 BREAK *Raffle at 11:05*

VEGETATION IN VARIOUS SETTINGS *Moderator: Amy Chomowicz*

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| 11:10 | Christa Von Behren | Portland State University | Riparian Vegetation Assemblages and Associated Landscape Factors Across an Urbanizing Metropolitan Area |
| 11:20 | Graham Klag | The Forest Park Conservancy | Mature forest characteristics influencing non-native invasive plant species abundance |
| 11:30 | Kate Holleran | Metro | Cut more trees: Metro uses restoration thinning to improve habitat diversity, structure, and function |
| 11:40 | Tom Liptan | LIVE Center | The Red Cinder Ecoroof: Non-irrigated vegetated roof system for dry summer climates |

11:50 Q&A

12:00 LUNCH *Raffle at 12:55*
 You are invited to participate in lunchtime discussions about various topics. Details will be provided at the symposium.

1:00 AFTERNOON KEYNOTE ADDRESS: Dr. Timothy Beatley
Teresa Heinz Professor of Sustainable Communities, University of Virginia
Connecting With Nature and Adapting to Climate Change: The Promise of Biophilic Cities

PUBLIC PERCEPTIONS AND INVOLVEMENT Moderator: Julie Fry

- 1:40** Bob Sallinger Audubon Society of Portland Carnage and Mayhem on the Urban Landscape Part 2: Analysis of Urban Wildlife Phone Data from Audubon's Wildlife Care Center
- 1:50** Neil Schulman Lund-Chaix Consulting Building Effective Cross-Purpose Volunteer Programs in Urban Natural Resources: Analysis and Redesign of Metro's Volunteer Services Program in Natural Areas, Parks, Conservation Education & Historic Cemeteries
- 2:00** Sheilagh Diez Columbia Slough Watershed Council SERVE - Students Engaged in Restoring Vital Ecosystems
- 2:10** Noelwah Netusil Reed College Valuing Water Quality In Urban Watersheds: A Comparative Analysis Of Johnson Creek, Oregon And Burnt Bridge Creek, Washington
- 2:20** Q&A

2:30 BREAK Raffle at 2:45

WILDLIFE IN THE REGION Moderator: Lori Hennings

- 2:50** Leslie Bliss-Ketchum Portland State University The influence of artificial light on wildlife use of undercrossing structures
- 3:00** Ashley Smithers Portland State University Habitat and Landscape Factors Influencing the Presence of Five Pond Breeding Amphibian Species in Highly Urbanized Ponds in Gresham, OR
- 3:10** Katie Holzer University of California, Davis Moving beyond the "non-native=bad" paradigm: Examining the relationship between a native frog and introduced reed canary grass
- 3:20** Aileen Miller Portland Bureau of Environmental Services A Riparian Bird Integrity Index for the Portland Region
- 3:30** John Deshler Portland Water Bureau Western Painted Turtle Rescue and Relocation at the Sandy River Delta: Lessons Learned
- 3:40** Q&A

3:50 CLOSING REMARKS: Lori Hennings

4:00 – 6:00 POSTER SESSION AND SOCIAL

POSTER PRESENTATIONS

Coordinator: Ted Labbe

AUTHOR(S)	TITLE
Joshua Baur, Joanne Tynon, Paul Ries and Randy Rosenberger	Public attitudes about urban forest ecosystem services in Oregon cities
Nancy Broshot, Wes Hanson, Morgan Yarber and Meghan Lockwood	Lichens in Forest Park and nitrogenous air pollution
Nancy Broshot, Meghan Lockwood, Wes Hanson and Morgan Yarber	Twenty years of change in the tree community in Forest Park
Mindy Brooks and Roberta Jortner	City of Portland Natural Resources Inventory
Karl Dawson	Learning landscape school arboretum
Robert Emanuel, Brian Shepard, Laura Porter, Rich Hunter and Jared Kinnear	A decade of shading the Tualatin Watershed: How a utility takes an ecosystem services approach to riparian and stream enhancement
Jennifer Grant and Zuriel Rasmussen	The geography of urban coyotes in Portland, Oregon
Kammy Kern-Korot and Thom Epps	Identifying habitat conservation and restoration priorities on Sauvie Island with the use of remote sensing
Jim Labbe and Courtney Shannon	Managing laminated root rot at Nadaka Nature Park
Ted Labbe, Esther Lev, Megan Garvey, Kaegan Engelmeyer and John Bauer	Nyberg Marsh: Urban watershed retrofit, habitat restoration, and partnership opportunities
Jennifer Lam and Samuel Chan	Dose of reality: What can we learn from pet owners to guide more effective environmental stewardship of pharmaceutical and personal care products (PPCPs)?
Bethany Lund, Emily Bialowas and Aaron Shaw	Expanded monitoring and treatment of knotweed in the Salmon Creek Watershed by Eradication Nation
Jan Mehaffy, Robin Jenkinson and Ted Labbe	A volunteer-led, screening-level assessment of potential fish passage barriers in the Johnson Creek Watershed, Portland, Oregon

AUTHOR(S)**TITLE**

Katie O'Connor, Tosha Comendant, James Strittholt and Brendan Ward

Data Basin: Using an open source web-based platform for project management, data sharing, communication, and geospatial analysis

Meenakshi Rao, Linda George, Todd Rosenstiel, Vivek Shandas, Jean Daniels and Alexis Dinno

Healthy trees, healthy people: Assessing the relationship among urban trees, nitrogen dioxide, and human health

Brittany Sahatjian

Modeling effective shade to prioritize riparian restoration efforts in the Johnson Creek Watershed

Roberta Schwarz

Preservation and restoration of rare white oak savanna

Alexander Staunch

Eradication of *Ludwigia peploides* from the Blue Heron Wetlands of NE Portland: Project update

Alan Tuan, Ben Ayres, Julie Fry, Alisha Lund-Chaix, Debra Fife and Stacey Triplett

Environmental impact of fine particulate matter from Brooklyn Railyard

Brian Wegener and Maria Cahill

Parking forests: Parking lots as if Mother Nature designed them