

# 2013 Urban Ecology & Conservation Symposium

## AGENDA

8:00 REGISTRATION

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9:00 WELCOME AND INTRODUCTION: Lori Hennings, Metro, Sustainability Center

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9:10 OPENING KEYNOTE ADDRESS: Jonathan Soll, Metro, Sustainability Center  
*The Intertwine's Conservation Strategy for The Greater Portland-Vancouver Metropolitan Area:  
A framework and tools for enhancing conservation practice*

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**WILDLIFE IN THE REGION** Moderator: TBD

9:50 Laura Guderyahn City of Gresham Gresham's 10 years of biodiversity surveys: An efficient and effective way to manage sensitive species and engage the community

10:00 John Deshler Portland Parks & Recreation The Forest Park Wildlife Report

10:10 Elaine Stewart Metro Integrating habitat components into trails crossing urban environments to assist dispersal

10:20 John Gaddis Tualatin Hills Park & Recreation District Urban beaver management

10:30 Celeste Mazzacano Xerces Society for Invertebrate Conservation Citizen-science shows urban streams can sustain threatened native freshwater mussel populations

10:40 Q&A

10:50 BREAK Raffle at 11:05

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**UNDERSTANDING AND IMPROVING STREAM HEALTH** Moderator: TBD

11:10 Vineet Apte Westview High School A fresh look at the water quality of Bronson Creek: Evaluation of urbanization's effects on total phosphorus concentrations from stormflow water samples in the Bronson Creek watershed

11:20 Robin Jenkinson Johnson Creek Watershed Council Who's Pooping in Johnson Creek?: Results and lessons learned from bacteria source tracking in the Johnson Creek Watershed

11:30 Chris Prescott City of Portland Monitoring watershed health in the City of Portland

11:40 Janine Castro U.S. Fish and Wildlife Service & NOAA Fisheries Science, Policy, and Pragmatism: Why programmatic matters should matter to you

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.

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**1:00 AFTERNOON KEYNOTE ADDRESS: David Maddox**, The Nature of Cities, NYC Natural Areas Conservancy, Sound Science LLC  
*Let's Create a Biophilic Urban Ethos at All Levels of Public Dialog*

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**CONNECTIONS WITH PLACES** *Moderator: TBD*

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|-------------|------------------|--------------------------------|--|
| <b>1:40</b> | Mary Bushman     | City of Portland               | Re-naturing North Portland - Lessons learned in Baltimore Woods                          |
| <b>1:50</b> | Zachary Christin | Earth Economics                | Valuing health benefits and stewardship in urban parks                                   |
| <b>2:00</b> | Sarah Church     | University of British Columbia | Bioswales and Rain Gardens: The social benefits of place-based urban design and planning |
| <b>2:10</b> | Katy Weil        | Metro                          | Wildlife health response successful due to collaboration of regional partners            |
| <b>2:20</b> | Q&A              |                                |  |

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**2:30 BREAK** *Raffle at 2:45*

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**ECOLOGICAL PROCESSES AND DYNAMIC LANDSCAPES** *Moderator: TBD*

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|-------------|--------------|---------------------------|--|
| <b>2:50</b> | Kathy Majidi | City of Gresham           | Prioritizing protection and restoration investments within an evolving urban landscape: Gresham's natural resources master planning using a geo-processing model |
| <b>3:00</b> | Dean Apostle | MIG Inc.                  | Managing wildfire risk in Clackamas County Parks   |
| <b>3:10</b> | Laura Taylor | Portland State University | Propagule pressure and disturbance drive the spread of an invasive grass, slender false brome ( <i>Brachypodium sylvaticum</i> )                                 |
| <b>3:20</b> | Rich Hunter  | Clean Water Services      | Can you handle the process? Case studies of stream stewardship in developed landscapes   |
| <b>3:30</b> | Colin Thorne | University of Nottingham  | Flood risk management in Blue-Green Cities - will Portland set the international standard?   |
| <b>3:40</b> | Q&A          |                           |  |

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**3:50 WRAP UP**

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**4:00 – 6:00 POSTER SESSION AND SOCIAL**

## POSTER PRESENTATIONS

<b>AUTHOR(S)</b>	<b>TITLE</b>
Dean Apostol, Tonia Burns and Barry Sims	Managing wildfire risk in Clackamas County Parks
Katie Bohren, Torrey Lindbo and Joseph Maser	The effects of utility pole placement and characteristics on pentachlorophenol concentrations entering Underground Injection Control (UIC) devices: City of Gresham, Oregon
Danielle Draper, Delphine Farmer and Juliane Fry	NO <sub>x</sub> effects on nighttime secondary organic aerosol (SOA) formation
Abbey Driscoll, Paul Ries, Mike Wetter and Heather Kent	The Portland/Vancouver Metropolitan Regional Urban Forestry Strategy
Travis Goddard, Casey Gozart, Brent Davis and Julie Christian	Clark County's Growing Green Program
Lori Hennings, Ted Labbe, Eric Nielsen and Jonathan Soll	Developing a regional map of oak habitat: Intertwine Alliance Oak Mapping Work Group
Laura Holloway, Christina Piedrahita, Mehmet Balkan, Jake Bevis, Maysa Miller and Todd Rosenstiel	Ecoroofs and Photovoltaic Panels: Why plant biology matters
Roy Iwai	Fish use in Beaver and Upper Johnson Creek
Meghan Kearney	Connecting People with Nature: National, regional and local outreach strategies
Laura Krause, Joshua Katz and Juliane Fry	Quantification of organic functional groups in ambient aerosol using ATR FT-IR
Bethany Lund, Rick Jayne and Aaron Shaw	Clark Public Utilities Salmon Creek Japanese Knotweed Control Program
Mary Rose Navarro, JoAnn Herigel, Gail Shaloum and Kaitlin Lovell	Metro's Nature in Neighborhoods Capital Grants invest in projects that re-green communities

**AUTHOR(S)****TITLE**

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Briita Orwick

Pet storeowner survey: Preventing aquaria release into the wild

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Hannah Prather and Todd Rosenstiel

Impacts of urbanization on epiphytic biodiversity and function across the Portland urban airshed

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Meenakshi Rao, Hannah Prather, Jacinda Mainord, Shavon Caldwell, Linda George, Todd Rosenstiel, Alexis Dinno and Vivek Shandas

Developing a land use regression model to predict intra-urban variability of NO<sub>2</sub> in the Portland Metro area

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Lauren Senkyr and Jennifer Thompson

Habitat restoration planning update for the Portland Harbor Superfund Site

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Benjamin Williams

The Willamette Valley & French Prairie: A historic assessment of a special agricultural resource

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Candice Weems

The spatial distribution of parks and crime in Seattle, Washington: A study of environmental inequality

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Lea Wilson

Attitudes towards ecosystem services in urban riparian parks

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