



FALL FORUM AGENDA

Wednesday, September 20, 2017
9:30 A.M. – 4:00 P.M.

Shadbolt Centre for the Arts (Studio 103)
6450 Deer Lake Avenue, Burnaby, BC

Special thanks to the City of Burnaby for hosting.



Thanks to our sponsoring partners.



We acknowledge the financial assistance of the Province of British Columbia

AGENDA

9:00 – 9:30 A.M.	Registration & Light Breakfast
9:30 A.M.	Welcome & Introduction
9:40 A.M.	<i>Invasive Plant Management in Whatcom County</i> Laurel Baldwin, Weed Control Coordinator, Whatcom County Noxious Weed Control Board
10:40 A.M.	Break
11:00 A.M.	<i>Mapping Plant Invasions in an Urban Area Using Remote Sensing</i> Curtis Chance, M.Sc., J.D. Candidate 2019, University of British Columbia
11:20 A.M.	<i>The Role of Owls in Integrated Pest Management</i> Sofi Hindmarch, Independent Biological Consultant and Project Coordinator, Fraser Valley Conservancy
11:40 A.M.	<i>Japanese Beetle, Popillia japonica, Found in Vancouver, BC</i> Dave Holden, Survey Biologist, Canadian Food Inspection Agency
12:00 P.M.	Lunch (provided)
12:45 P.M.	Begin boarding buses (please take all your belongings with you!)
1:00 – 4:00 P.M.	<p>Concurrent field tours – <u>choose only 1</u> (see descriptions below). Participants will travel via shuttle buses to sites focusing on various invasive species themes*:</p> <ol style="list-style-type: none"> 1. <i>Urban Roadside Vegetation Management</i> Tour hosts: Graham Watson, ISCMV & Virginia Dragan, Ministry of Transportation and Infrastructure 2. <i>Multi-Jurisdictional North Shore Tour</i> Tour hosts: Angela Negenman, City of North Vancouver; Erika Nassichuk & Ralph Nevill, District of North Vancouver 3. <i>Burnaby Hot Spots</i> Tour host: Melinda Yong <p>*Please dress for the weather as all tours will involve disembarking shuttle buses to visit field sites. All tours will depart and return to the forum venue (Shadbolt Centre, Burnaby). Return time is approximate – all tours will aim to return by 4:00 PM.</p>
4:00 PM	Good-bye when your bus returns!

To register, please send a message to info@iscmv.ca with:

1. Name
2. Affiliation (if applicable)
3. Special dietary needs
4. First & second choices for the afternoon field tours

Cost to attend is \$55 payable by invoice, cash or cheque. Registration will be confirmed.

PRESENTATIONS

Invasive Plant Management in Whatcom County

Laurel Baldwin, Weed Control Coordinator, Whatcom County Noxious Weed Control Board

Laurel will give an overview of the role of the Whatcom County Noxious Weed Program as part of the larger statewide effort in Washington State to manage invasive weed species. She will also share some highlights from collaborative projects for outreach and managing invasive plants such as knotweed, flowering rush, garlic mustard and others.

Laurel Baldwin is a graduate of the Ohio State University and lives in Bellingham, Washington. She has been the coordinator of Whatcom County's Noxious Weed Program since 1989.

Mapping Plant Invasions in an Urban Area Using Remote Sensing

Curtis Chance, M.Sc., J.D. Candidate 2019, University of British Columbia

Invasive plant species, specifically Himalayan blackberry and English ivy threaten natural areas in urban centres throughout British Columbia. Knowledge of the distributions of these species is imperative to effective management. Advanced remote sensing tools provide a method of locating the current spread of Himalayan blackberry and English ivy, and show promise for determining where future invasions may occur. This presentation provides information on how to best implement remote sensing into an invasive plant species management strategy.

Curtis completed his Master of Science in Forestry at the University of British Columbia in June 2016. Curtis grew up in Surrey and fittingly focused his thesis project on invasive species management using remote sensing in the natural areas of the City of Surrey. He has presented his work in Shanghai.

The Role of Owls in Integrated Pest Management

Sofi Hindmarch, Independent Biological Consultant and Project Coordinator, Fraser Valley Conservancy

Sofi will present data on rodenticide exposure in raptors from Southern BC, factors influencing exposure and how this threat can be mitigated. She will also discuss briefly about the use of barn owls as an integrated pest management ally in berry fields.

Sofi completed her Master's degree at SFU in 2010, where she studied the impacts of changes in land use on Barn Owls, a threatened species in BC. Since then, she has continued her research on mainly Barn Owls but also other raptors. Her work has focused on multiple conservation issues affecting raptors such as the loss of habitat and nest sites, road mortality and the risk of secondary poisoning from rat poison. Sofi has performed work for many groups, including UBC, SFU, several municipalities in the region and Environment Canada. She is currently the project coordinator for the Fraser Valley Conservancy which has stewardship projects for amphibians, arthropods and owls.

Japanese Beetle, *Popillia japonica*, Found in Vancouver, BC

Dave Holden, Survey Biologist, Canadian Food Inspection Agency

Japanese Beetle was found for the first time in BC this year in Vancouver around False Creek. I will discuss the current find, its biology and diagnostic features, and how to report it if found or suspected.

FIELD TOURS

1. Urban Roadside Vegetation Management

Tour hosts: Graham Watson, ISCMV & Virginia Dragan, Ministry of Transportation and Infrastructure (MOTI)

Since 2011 MOTI has partnered with the ISCMV on invasive plant management along ministry rights-of-ways in the region. Join Graham and Virginia to see first-hand the successes and challenges of management along highways and roads in the largest and busiest urban area in the province.

Graham has been with the ISCMV since the spring of 2014. He is currently managing the field crew, and is responsible for the organization's data management systems. Growing up in the Lower Mainland, Graham has developed a strong connection to BC's forests and coastlines from his time hiking and camping throughout the province. He is passionate about ecological sustainability, and is currently in his 4th year of studies at SFU pursuing his Bachelor of Science in Applied Biology. Outside of work, Graham enjoys fishing the local creeks, camping, cycling, and baking.

Virginia graduated from the University of British Columbia with a Bachelor of Science in Natural Resources Conservation. She has been working with the BC Ministry of Transportation and Infrastructure for 9 years; 7 of which have been spent as an Environmental Coordinator. As part of her role she helps to administer the Invasive Plant Management Program on MOTI roads and gravel pits in the Metro Vancouver area, and helps educate MOTI staff on invasive plants (particularly knotweeds).

2. Multi-Jurisdictional North Shore Tour

Tour hosts: Angela Negenman, City of North Vancouver; Erika Nassichuk & Ralph Nevill, District of North Vancouver

Visit a number of different jurisdictions on the North Shore to view restoration sites, fire ants and areas impacted by aquatic herbicide restrictions.

Angela Negenman is an Environmental Technician at the City of North Vancouver. She is a graduate from BCIT and UBC with nearly a decade of experience in environmental management, including fisheries, aquatic studies, marine mammal observation and terrestrial ecology.

3. Burnaby Hot Spots

Tour host: Melinda Yong, Environmental Technician, City of Burnaby

This tour will visit some hot issue invasive species sites in Burnaby, including garlic mustard (EDRR), orange hawkweed, and fire ants. All sites required problem solving and working with stakeholders. Learn about the process involved with each species, things that worked well, and things that served as learning points for the future.

Melinda is the Environmental Technician at the City of Burnaby Parks, and began her work with invasive species there, 9 years ago. Melinda has a background in Life and Environmental Sciences, and learned everything she knows about invasive species on the job, from more hands-on-experience than she would like to attest to. Apparently, Burnaby is a hot spot for first time invaders in the Region and this has led to some interesting and exciting times. Melinda has been a board member of the ISCMV for about 8 years, and recently stepped up to the chair position in 2017, and is also a member of the Regional Invasive Species Task Force of Metro Vancouver.