

SUPERIOR ROOM – DAILY PROGRAM

MONDAY, JUNE 20 - EASTERN DAYLIGHT TIME ZONE

Special Session: Partial cutting as a strategy to reduce carbon emissions from the forest sector (Erica Lilles)		
12h30 - 12h45	Suzanne Winette Simard	<i>Group retention protects carbon stocks in Douglas-fir forests</i>
12h45 - 13h00	Michelle Venter	<i>Reducing logging intensity in north temperate rainforests for climate change mitigation</i>
13h00 - 13h15	Alana Clason	<i>Modelling partial harvesting effects on carbon using SORTIE-ND</i>
13h15 - 13h30	James Steenberg	<i>Carbon and the Triad: Implications of Triad Functional Zoning in Forest Management in Nova Scotia, Canada</i>
13h30 - 13h45	Colin Bergeron	<i>Carbon dynamics as affected by varying levels of retention harvesting in boreal mixedwood forests</i>
14h00 - 14h30	Jodi Axelson	<i>Moderator - Final Discussion</i>
14h30 - 14h40	BREAK	
Contributed Talks: Insect Disturbance (Amanda Roe)		
14h40 - 14h55	Barry Cooke	<i>Complexity to convergence: Landscape-scale effect of forest structure on cycle intensity and synchrony in two contrasting defoliator systems</i>
14h55 - 15h10	Hiroimitsu Sato	<i>Dynamic Simulation of Insect Disturbance with a Climate-Vegetation-Fire Model</i>
15h10 - 15h25	Morgane Henry	<i>Temporal dynamics of spruce budworm (<i>Choristoneura fumiferana</i>) during the rising phase of an outbreak</i>
15h25 - 15h40	Franck Gandiaga	<i>Quantifying long-distance dispersal of outbreaking insect species by combining phenological models with empirical data</i>
15h40 - 15h55	Matthew Garcia	<i>Differences in weather-driven dispersal patterns between spruce budworm males and females and their potential effects on nearby populations</i>
15h55 - 16h10	Anoj Subedi	<i>How does climate affect the growth during spruce budworm outbreaks period? A story after the 1950's</i>
16h10 - 16h25	Clara Risk	<i>Improving eastern spruce budworm outbreak sketch maps affected by survey flight paths in north-central Ontario using Landsat time series analysis</i>
16h25 - 16h40	Jalene LaMontagne	<i>Variation in eastern spruce budworm defoliation across trees within forest stands</i>
16h40	Amanda Roe	<i>Moderator - Wrap Up</i>

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TUESDAY, JUNE 21 - EASTERN DAYLIGHT TIME ZONE

Contributed Talks: Invasive Species (Catherine Fahey)		
12h30 - 12h45	Alexandre P. Caouette	<i>Spatio-temporal network modelling of the Emerald ash borer's establishment into campgrounds and cities across Maritime Canada</i>
12h45 - 13h00	Samuel Powers Reed	<i>How Canopy Gaps and Deer Influence Invasive Earthworms in Northern Forests</i>
13h00 - 13h15	Hanusia Higgins	<i>Impacts of Management in Response to Emerald Ash Borer on Northern Hardwood Forest Dynamics in New England</i>
13h15 - 13h30	James Stiles	<i>Effects of fire on the growth and mortality of an invasive bottomland shrub: Chinese privet (<i>Ligustrum sinense</i>)</i>
13h30 - 13h45	Kevin M. Potter	<i>How invaded are Hawaiian forests? Evidence for the role of management from the Forest Inventory and Analysis program</i>
13h45 - 14h30	Catherine Fahey	<i>Moderator - Final Discussion</i>
14h30 - 14h40	BREAK	
Contributed Talks: Climate Change 2 (Stephen Mayor)		
14h40 - 14h55	Teodora Stoycheva	<i>Experimental warming and elevated CO2 affect black spruce cone characteristics</i>
14h55 - 15h10	Oscar Diaz	<i>Climatic response of the genus <i>Picea</i> in northeastern Mexico</i>
15h10 - 15h25	Florentin Clemens Jaeger	<i>Absorptive fine roots of temperate tree species show acclimation capacity to changes in growing season water availability</i>
15h25 - 15h40	Christopher Hawkins	<i>Enhancing northeast British Columbia's boreal forest resilience and carbon storage in a changing climate: A case study</i>
15h40 - 15h55	Erin Pearson	<i>Searching for climate change solutions in Newfoundland's urban forests</i>
15h55 - 16:40	Stephen Mayor	<i>Moderator - Final Discussion</i>

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THURSDAY, JUNE 23 - EASTERN DAYLIGHT TIME ZONE

Contributed Talks: Genetics & Adaptation (Ashley Thomson)		
11h15 - 11h30	Kevin M. Potter	<i>A national multi-scale assessment of regeneration deficit as an indicator of potential risk of forest genetic variation loss</i>
11h30 - 11h45	Kurt Johnsen	<i>Longleaf pine provenance test using seed sources from Mississippi to Virginia planted in the northern part of its natural range</i>
11h45 - 12h00	Sergio Leonel Simental Rodriguez	<i>Genome-wide scans for detecting adaptation to local environment in <i>Populus tremuloides</i>, a keystone North American tree species</i>
12h00 - 12h15	Ricardo Silas Sánchez	<i>Growth and stomatal density in hybrids of Mexican pines from the Sierra Madre Occidental</i>
12h15 - 12h30	Garrett R. Evans	<i>American chestnut seedlings are more responsive to light than oaks and hickories: an assessment of growth and photosynthetic traits</i>
12h30 - 12h45	Carlos Adrian Vásquez-Berumen	<i>Effect of parent tree's environmental conditions on the growth of natural hybrid and pure species seedling of five Mexican <i>Pinus</i> species</i>
12h45 - 13h15	Ashley Thomson	<i>Moderator - Final Discussion</i>
13h15 - 13h30	BREAK	
Special Session: Threats to quaking aspen (<i>Populus tremuloides</i>) forest health across western North America (Connor D. Crouch)		
13h30 - 13h40	Kristen Waring	<i>Introduction to session: Threats to quaking aspen (<i>Populus tremuloides</i>) forest health across western North America</i>
13h40 - 13h50	Susan McIlroy	<i>Dynamic effects of climate and fire on aspen forests in the Great Basin: current and future management challenges</i>
13h50 - 14h00	Loretta M Winton	<i>Aspen running canker in Alaska: a widespread new disease and new fungus</i>
14h00 - 14h10	Melissa Boyd	<i>Impacts of the leaf miner (<i>Phyllocnistis populiella</i>) on aspen productivity and vulnerability to dieback in boreal Alaska</i>
14h10 - 14h20	Mike Michaelian	<i>Aspen forest health in western Canada</i>
14h20 - 14h30	Paul C. Rogers	<i>Aspen Herbivory and Resilience Management: a plea for coordinated forest-wildlife stewardship</i>
14h30 - 14h40	Connor D. Crouch	<i>Oystershell scale: an emerging invasive threat to aspen in the southwestern US</i>
14h40 - 14h50	Christian Wehenkel	<i>Unexpected genetic structure in Mexican <i>Populus tremuloides</i></i>
14h50 - 15h30	Connor Crouch	<i>Moderator - Final Discussion</i>

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FRIDAY, JUNE 24 - EASTERN DAYLIGHT TIME ZONE

Special Session: Post-disturbance recovery of forest biodiversity after harvesting and natural disturbance (Seung-II Lee)		
12h30 - 12h45	Anne McIntosh & Selena Schut	<i>Post-harvest biodiversity recovery after variable retention harvesting in Alberta's boreal forests</i>
12h45 - 13h00	Teresita M. Porter	<i>The road to recovery following wildfire and harvest disturbance</i>
13h00 - 13h15	Marion Noualhaguet	<i>Bryophyte communities response, 20 years after forest management, in boreal mixed forest</i>
13h15 - 13h30	Erica Lilles	<i>Biodiversity recovery after three levels of harvest at the Date Creek Silvicultural Systems Study: a quarter century of organism and forest structure research</i>
13h30 - 13h45	Paula Fornwalt	<i>Understory plant responses to salvage logging management alternatives in beetle-affected lodgepole pine forests</i>
13h45 - 14h00	Elizabeth Swanson	<i>After the fire is before the fire: Restoring ecological process and function for resilience in dry forests of the Pacific Northwest</i>
14h00 - 14h15	J. John Stadt	<i>Policy, planning, and monitoring context for post-disturbance forest biodiversity recovery research in Alberta, Canada</i>
14h15 - 14h30	Seung-II Lee	<i>Moderator - Final Discussion</i>
14h30 - 14h40	BREAK	
Contributed Talks: Sustainable Forest Management 4 (Adam Dick)		
14h40 - 14h55	Philippe Nolet	<i>Increasing the usefulness of the mobile terrestrial LiDAR in silviculture</i>
14h55 - 15h10	Maxence Martin	<i>Revealing the hidden diversity of old-growth forests with Airborne Laser Scanning</i>
15h10 - 15h25	Lucas K Johnson	<i>Filtering ground noise from LiDAR returns produces inferior models of forest aboveground biomass</i>
15h25 - 15h40	Che Elkin	<i>Evaluating forest growth potential using airborne laser scanning derived Biogeoclimatic Ecosystem Classification models</i>
15h40 - 15h55	Kathryn C. Baer	<i>Biotic predictors improve species distribution models for invasive plants in Western U.S. forests at high but not low spatial resolutions</i>
15h55 - 16h10	J. Davis Goode	<i>Multi-scale impacts of intermediate-severity wind disturbance in mixed oak-pine stands</i>
16h10 - 16h25	Jonas Hamberg	<i>Satellite and drone thermal imaging to monitor and assess the effect on surface temperature of forest restoration, conservation, and tree stress</i>
16h25 - 16h40	Adam Dick	<i>Moderator - Final Discussion</i>