

**Agenda of the 2015 Annual General Meeting of the
Centre for Applied Sciences in Ontario Protected Areas (CASIOPA)
Theme: **Managing for Ecological Connectivity****

Sponsored By The Ontario Ministry of Natural Resources & Forestry

Co-Sponsored By:

University of Waterloo - Centre for Ecosystem Resilience & Adaptation (ERA)
University of Waterloo - Department of Environment & Resource Studies (ERS)

Wednesday April 8 & Thursday April 9

at the University of Waterloo Summit Centre for the Environment at Huntsville ON
87 Forbes Hill Drive Huntsville ON: <https://uwaterloo.ca/waterloo-summit-centre/>



- **Audience** - Professionals and students from private, public, NGO and academic sectors interested in expert advice, roundtable participation on a practical exercise working with ecological connectivity analysis and planning, and contributing presentations.
- **Overall Agenda** - Day 1 will be presentations from two experts who work on ecological connectivity; attendees then engage in a practical exercise on connectivity in the afternoon. Day 2 will focus on contributed presentations from attendees. We have an extensive schedule as of 27/03/15.
- **Formal Registration Opened Feb 23** - The Registration Fee is either \$40/person/day or a 2-day flat rate of \$50/person [= \$25/day]; *student price: \$30/person/day or a 2-day flat rate of \$40/person*. We accept cheques (payable to the University of Waterloo) either given to staff on site before each day starts or sent to Stephen Murphy, Department of Environment & Resource Studies, University of Waterloo, 200 University Avenue West, Waterloo ON, N2L 3G1. stephen.murphy [at] uwaterloo.ca.
- **Accommodations** - As of 27/03/15, we suggest you contact one of the local hotels located near the main Huntsville exit at Highway 60 (off Highway 11). You may also book basic and budget minded accommodation in the dorms at the University of Waterloo Summit Centre for the Environment. Contact Mr. Jody Andruszkiewicz at 1-705-571-0259 or jandrusz [at] uwaterloo.ca.

Day 1. Plenary sessions on Ecological Connectivity & Practical Exercise on Connectivity

Objectives: Day 1 is focused on understanding the theory, methods, and applications of ecological connectivity led by two excellent practitioners. The afternoon is focused on a workshop style approach - a practical exercise for participants to work with connectivity.

0800-0900	Arrive & Mingle & Register (Bring Your Own Coffee)
0900-0915	Introduction and Context for Day 1
0915-1000	An Overview of Ecological Connectivity Jeff Bowman, OMNRF + Trent University
1000-1045	Ecological Connectivity Planning in Urban Protected Areas Namrata Shrethsta, Toronto Region Conservation Authority
1045-1105	Refreshment Break (provided)
1105-1215	Circuit theory and Circuitscape Jeff Bowman, OMNRF + Trent University
1150-1300	Lunch (provided)
1300-1430	Practical Exercise for Participants (Part I): Working with Connectivity (Jeff Bowman OMNRF/Trent U & Chad Cordes, Trent University)
1430-1500	Refreshment Break (provided)
1500-1600	Practical Exercise for Participants (Part II): Working with Connectivity (Jeff Bowman OMNRF/Trent U & Chad Cordes, Trent University)
1600-1630	Wrap Up of Outcomes of Practical Exercise
1630-1730	Free time (pre-dinner)
1730-onward	Dinner (pay as you go) at Moose Delaney's Sports Bar & Grill Post dinner informal discussions as desired at various locales

For those planning to arrive on the *Tuesday evening before the meeting starts*: We will be indulging in dinner and fellowship in Huntsville. Just contact Steve Murphy for where the group will be. We tend to be out late enough so even those arriving well after dinner may wish to join us for post-dinner libations (pay as you go).

In the interests of reducing prices for students, we've made the decision to ask attendees to BYOC (bring your own coffee) on days 1 and 2 early AM so we could reduce the price for students.

For the practical exercise on connectivity, it may be useful for participants to bring a laptop/tablet able to run the program "circuitscape". This is the program being used during the exercise. It is freeware and available at <http://www.circuitscape.org/>. We will have stations set up to run this but the more people bring a laptop with this already downloaded, the more efficient and interactive our session will be on Day 1 afternoon.

Day 2. Contributed Presentations - Open Sessions

Objectives: The objective of Day 2 will be to provide researchers, practitioners, and graduate students with the opportunity to present applied case studies pertaining to the role of protected areas in serving natural, social, and physical scientific research, policy, and/or practice. Each speaker has 15 Minutes + 5 Minutes for questions – though we do have some double sessions scheduled.

0800-0840	Single Day Registration (<i>Bring Your Own Coffee</i>)
0840-1000	0840-0900 Rutledge, Linda. Trent University. The importance of protected areas for eastern wolf conservation.
	0900-0920. Kershaw, Will. OMNRF. The roles of Killarney Provincial Park in serving natural, social, and physical scientific research, policy, and/or practice.
	0920-1000. Voros, Steve; Strobl, Silvia. OMNRF. Baseline connectivity mapping for the settled landscapes of southern Ontario.
1000-1020	Refreshment Break (provided)
1020-1200	1020-1040 Drescher, Michael; Warriner, Keith; Bogdon, Zach. University of Waterloo (MD, KW, ZB); Ostrom Workshop in Political Theory & Policy Analysis, Indiana University at Bloomington (MD). Conservation Tax Incentive Programs: Enhancing Environmental Stewardship Behavior in the Unprotected Landscape Matrix.
	1040-1100. DiLeo, Michelle; Rico, Yessica; Wagner, Helene. University of Toronto (MD + HW); ROM (YR). Ecological network maintains genetic diversity and fitness of a flagship wildflower.
	1100-1120. Andruszkiewicz, Jody; Murphy, Stephen. University of Waterloo. Gaps in parks planning – early ideas on the search for representativeness.
	1120-1200. Morris, Ed. Ontario Parks. Landscape diversity models For Natural Heritage Assessments.
1200-1300	Lunch (provided)
1300-1500	1300-1320. Fedy, Brad. University of Waterloo. Assessing wildlife habitat connectivity and corridor identification across large spatial extents.
	1320-1340. Row, Jeff. University of Waterloo. Establishing management units and identifying landscape boundaries: the utility of Bayesian clustering of individual genotypes for applied wildlife research.
	1340-1400. Roy, Yvette. Credit Valley CA. Valley crossing surveys methodology for connectivity across the Credit River Watershed Natural Heritage System.
	1400-1420. Steinberg, Brad. OMNRF. Rules for the road: Normalizing connectivity planning in Ontario Parks.
	1420-1440. Cray, Heather; McTavish, Michael; Murphy, Stephen. University of Waterloo. Considering Connectivity in Ecological Restoration.
	1440-1500. General discussion and wrap up.

In the interests of reducing prices for students, we've made the decision to ask attendees to BYOC (bring your own coffee) on days 1 and 2 first thing AM so we could reduce the price for students.