

NRESi WEEKLY NEWS

January 19 - 23, 2015

A newsletter for faculty, staff and students
who participate in the
Natural Resources & Environmental Studies Institute
and NRES Graduate Programs



NRESi NOTES

FROM THE DIRECTOR & RESEARCH MANAGER

Hello everyone,

Prince George was buzzing this week with activities around the Premier's BC Natural Resource Forum. NRESi was part of over 800 delegates who attended the event. The focus was on natural resource development initiatives in BC, providing a snapshot of some of the current and upcoming activities, as well as some perspectives. Topics covered at the Forum included: forestry, energy, LNG, education & skills training, mining, transportation, and First Nations and resource development. Further information about the event, agenda, and presenters can be found on the Forum's [website](#). The presentations from the event will also be posted on the Forum's website in the coming weeks.

Leanne Elliott
NRESi Research Manager



Above: The event was kicked-off with a forestry discussion, moderated by Hon. Steve Thomson, Minister of Forests, Lands, and Natural Resource Operations



Left: Chief Dominic Frederick, Lheidli T'enneh Nation, opened and welcomed the delegates to the conference. MLA Mike Morris is in the background, who was the MC for the event.



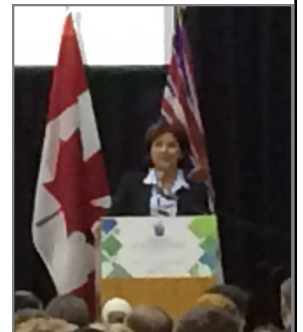
Left: A discussion on energy was lead by the Hon. Bill Bennett, Minister of Energy and Mines, Minister Responsible for Core Review



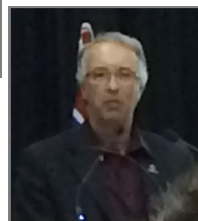
Right: Chief Derek Orr, McLeod Lake Indian Band, presented during the mining discussion

Left: A discussion about transportation of goods was moderated by Hon. Todd Stone, Minister of Transportation and Infrastructure

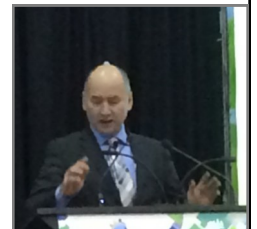
Right: Premier Christy Clark was the Keynote Speaker during the Wednesday luncheon



Left: The Hon. Greg Rickford, Minister of Natural Resources Canada was the Keynote Speaker at Thursday's luncheon



The Hon. John Rustad, Minister of Aboriginal Relations and Reconciliation (left) and Chief Ellis Ross, Haisla Nation, (right) participated in a panel discussion on First Nations and Resource Development



REMINDER: Share your information about recent publications, grants, and/or other honours you may have received with others interested in future NRESi issues.

PLEASE EMAIL ALL INFORMATION AND MATERIAL TO: leanne.elliott@unbc.ca

We're on the web at : www.unbc.ca/nres-institute/newsletter

COMING EVENTS

NRESI RESEARCH COLLOQUIUM SERIES

Dr. Darwyn Coxson

Ecosystem Science & Management Program, UNBC



Natural Resource Management A World Heritage Site on Prince George's Doorstep? - The Ancient Forest Trail Park Proposal

Ancient Western Redcedar Cedar stands in the upper Fraser River watershed east of Prince George represent a rare regional ecosystem, one which supports temperate rainforest conservation values that in other jurisdictions often have World Heritage site designation. A proposal for creation of a B.C. Provincial Park in the Ancient Forest trail area will be discussed along with possible steps for the nomination of a World Heritage site for these inland rainforest stands.

Please join us after the presentation for the opening of a photo gallery on the Ancient Forest Trail Park Proposal area in the Rotunda Gallery at UNBC. Light refreshments will be served.

Friday, JAN 23rd, 2015

3:30 pm - 4:30 pm

Room: Weldwood Theatre (7-238)

To participate remotely: http://www.unbc.ca/nres/nresi_webcast.html

COMING EVENTS

JOINT GLOBAL FRIDAY - NRESI RESEARCH COLLOQUIUM SERIES

Dr. Harry H. Hiller

Director of the Cities and the Olympics Project &
Faculty Professor, Urban Sociology, University of Calgary



The Impact of Sport Mega-Events on Host Communities

Hosting sport mega-events is often viewed as a prize to be eagerly sought by potential host cities. Yet the recent International Olympic Committee experience with 2022 Winter Games bid cities has raised questions that have been simmering for some time. What do cities gain, if anything, from hosting a major sporting event that requires years of preparation and mobilizes resources and human capital at an unprecedented rate for the community, only to see the event come and go in a flash of a couple of weeks of intense excitement and activity? This presentation will explore some of the issues involved in hosting these events as they impact the host city and its residents. Several analytical approaches will be presented and illustrated with global examples. A special focus, given the proximity in time of the Canada Winter Games, will be given to the question of how the games-time event actually impacts local residents. Insights and data will be presented particularly from the Vancouver experience. The speaker is eager to compare the experience of larger cities hosting such events with smaller cities such as Prince George.

Friday, JAN 30th, 2015

3:30 pm - 4:30 pm

Room: Weldwood Theatre (7-238)

To participate remotely: http://www.unbc.ca/nres/nresi_webcast.html

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OTHER EVENTS ON CAMPUS

Dr. Dezene Huber, speaking on: "Learning to Notice Nature"

The Centre for Teaching, Learning and Technology invites all Faculty, Students and Staff to the 2014/2015 Robert W. Tait Annual Lecture on Implementing Teaching Excellence.

Please join us on **Friday, January 30th, 2015** at **2:00 pm** at the **Gathering Place (room 5-123)**.

Presentation Abstract:

Trombulak and Fleischner write:

We now live in a world where it matters more whether it is Friday or Saturday than if it is autumn or winter, a world where ageless cycles of migration and hibernation, germination and seed dispersal too often go unnoticed.¹

Or in the words of T.S. Eliot in *Burnt Norton*, we have become "distracted from distraction by distraction."²

Technology and other contemporary distractions have reduced our awareness of the wonder of nature - at all scales - in our literal and metaphorical back yards. While conservation concerns wax in the current biodiversity crisis, deep engagement with the natural world wanes. Although one might generally support conservation goals, authentic and engaged conservationism requires authentic engagement with the subjects of conservation. One of my goals in teaching biology is to take part in reawakening wonder within students and to encourage a lifelong conservationist mindset.

1. Trombulak, S.C. and Fleischner, T.L. 2007. Natural history renaissance. *The Journal of Natural History Education* 1:1-4.

2. Eliot, T.S. 1936. *Collected Poems 1909–1935*. Harcourt, Brace and Company.

All inquiries related to the Tait Lecture can be directed to Heather Smith, Director, Centre for Teaching, Learning and Technology at Heather.Smith@unbc.ca



OTHER EVENTS ON CAMPUS

Green Day

In addition to the events described to the right, NRESi will also be hosting an event in the Rotunda. We are inviting faculty, staff, students, and the public to view the Ancient Forest photo gallery and updated maps of the Greenway trail. Light refreshments will be provided after 12pm.

All are welcome!

For more information, visit the Green Day [website](#).



SCHEDULE OF EVENTS
UNBC's 8th Annual Green Day
Tuesday, January 27, 2015
11:00am – 3:00pm

11:00am Opening Ceremony (Wintergarden)

- Drumming by the UNBC First Nations Centre Drummers
- Welcome from Lheidli T'enneh
- Welcome from Dr. Daniel Weeks, UNBC President

11:30am to 2:30pm All Day Activities (Wintergarden and Hallway)

• Green Day Welcome Table (Integris Credit Union)	• Edible Insects (Aynsley Thielman)
• Plant Distribution (Enhanced Forestry Lab)	• Aquaponics (EESA)
• Winter Travel (Outdoors Club)	• Beekeeping (Biology Club)
• Paint A Mug (BAM)	• Upcycling (Two Rivers Gallery)
• Natural Body Care Products (Women's Centre)	• Dress Your Mason Jar (NUGSS)
• Food Recovery (PGPIRG)	• Building Materials and Carbon (PICS)
• Blue Dot petition (PGPIRG)	• Energy at UNBC (Facilities)
• Campus Fair Trade (Food Services)	• Sustainable Transit (City of Prince George)
• Green Building Photo Montage (25 th Anniversary)	• Graduate Student Poster Session (NGSS)
• Mount Polley Mine Virtual Fly-Over (QRRC)	• Diversity in the Animal Kingdom (Northern Pride Centre)
• Sustainable Resource Use (REAPS)	• Green Smoothies (Wellness Centre)
• Car Count (SGU)	• Green Fund and Dotmocracy (Green Centre)
• Green Building (WIDC)	• Block City (Student Planners Association)

11:00am to 12:00pm – UNBC Cave

- Read a green book to the daycare students (UNBC Student Leadership Group)

11:00am to 3:00pm

- University Farmers Market (NUSC Events Space)
- Ancient Forest Reception (Rotunda Gallery)

1:30pm – 2:00pm – Celebratory cake and Instrumental club Jam session (Wintergarden)

2:00pm Closing Address (Wintergarden – Kyrke Gaudreau, Sustainability Manager)

3:00pm to 5:00pm - Snowshoe to the Pit House (Outdoors Club)

Music courtesy of CFUR 88.7FM

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OTHER UNBC EVENTS

TERRACE LECTURE SERIES

4837 Keith Avenue,
Terrace, BC
12:00pm - 1:00pm

Reconciliation and Relationship Building Between Indigenous and Settler Communities

Rosalind Barabash
January 28th, 2015

This presentation will also be available to remote participants by following on [Livestream](#).

WORKSHOP FOR GRADUATE STUDENTS & POST-DOCS


Mitacs Step - Networking Skills Workshop

A good network is vital to career growth and can be your link to important new opportunities. However, getting started or knowing how to grow an existing network can be intimidating. This workshop will give you insights into how to establish and expand a stable network, both in-person and online. Each session is customized, with exercises reflecting the professional interests of participants and determined by the location of the event.

Key competencies covered: Leadership & Management, Communications & Relationship Building, Personal & Professional Management, and Entrepreneurialism

Date: Wednesday March 18, 2015
Time: 9:00 am – 5:00 pm
Location: UNBC (Bentley Centre)

Cost: Free, but pre-registration is required.
Register online at: www.step.mitacs.ca



REGISTRATION NOW OPEN

Please forward this announcement to the graduate students and postdocs in your network. Thank you in advance!

Mitacs Step has been bridging the gap between university learning and career success through professional skills development since 2008. Step workshops offer an interactive learning environment with small class sizes, and are facilitated by leading business and industry professionals.

Turn your academic success into a rewarding career! Our curriculum is designed to build competencies in four key areas that are recognized as vital to professional success. Each workshop addresses one or more of the following competencies:

- Leadership & Management
- Communication & Relationship Building
- Personal & Professional Management
- Entrepreneurialism

Networking Skills
Prince George, BC
[Course Description](#)
[REGISTER HERE](#)

When: Wednesday, March 18, 2015
Time: 9:00am – 5:00pm (Registration begins at 8:45am)
Where: University of Northern British Columbia / Bentley Centre
Room: Small Room

Please note:

- There is no cost to attend the workshop.
- The pre-authorization of a valid credit card is REQUIRED to complete and secure your registration.
- Participants can modify or cancel their registration without penalty up to 5 days prior to the workshop.
- Modifications or cancellations made less than 5 days before the workshop are subject to a \$50 fee.
- Participants are required to attend the workshop in its entirety. Those who choose to not participate for the entire duration of the workshop will be charged a \$50.00 "Withdrawal" fee.

Additional information:

- Participants can access, create profiles, and register for workshops via our registration portal at step.mitacs.ca.
- If you have any further questions, please consult our FAQ [here](#).
- Mitacs thanks the Government of British Columbia for its support of Step.

To learn more about Mitacs and the programs we offer, visit www.mitacs.ca

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CAREER NIGHT

Speakers will represent government, industry, consulting (scientists, engineers, professional geologists), UNBC alumni:

- What does the organization do? Where?
- What is their role in the organization and are there further advancement opportunities?
Educational backgrounds, skills, and knowledge required to do the job?
- Current and future areas of employment growth in the environmental sector

When and Where: **Wednesday, January 28th from 7pm - 8:30pm in Lecture Theatre 8-166**

For more information contact:

Lito Arocena - 250-960-5811 (Environmental Science)
Steve Helle - 250-960-5206 (Environmental Engineering)
Brian Menounos - 250-960-6266 (Geography)

ONLINE SEMINAR FOR STUDENTS & FACULTY

3 Minute Thesis Coaching - UNBC will be hosting an online seminar (presented by UBC) and workshop to help Grad Students develop your 3 Minute Thesis presentation

Join us February 4th from 2-4pm in room 5-140D for this exciting opportunity.

For more information and to RSVP please contact the 10th Annual UNBC Graduate Student Conference coordinator at: emon@unbc.ca

OTHER EVENTS OF INTEREST

On Jan. 26, 2015, a webcast event will be hosted by the Pacific Institute for Climate Solutions (PICS) at 7pm. It will include five panelists with diverse backgrounds and viewpoints will consider the complexities of addressing climate change. The panelists are: Malkolm Boothroyd from Divest UVic, Steve Douglas from Suncor Energy Inc., Stephen Hume from The Vancouver Sun, Cary Krosinsky from Carbon Tracker Initiative & Yale, and, Crystal Lameman from Beaver Lake Cree Nation.

Topics will include:

- Sustainable investments
- Today's energy sector
- First Nations

This free event is sponsored by the University of Victoria and the Pacific Institute for Climate Solutions (PICS). Moderated by Thomas F. Pedersen, Executive Director, PICS. For more information, please visit the [website](#).

IN THE NEWS

The news is from NRESi's social media connections to UNBC and others. See the original posts and hear the latest first by [following us!](#)

Congratulations to Mark Shrimpton and Phil Owens to be part of UNBC's group of researchers successfully awarded Canada Foundation for Innovation funding to support research equipment costs. Read the post [here](#).

Darwyn Coxson's Ancient Forest project, the World Heritage Site proposal, and the photo display currently presented in UNBC Prince George's Rotunda was spotlighted in an article in the PG Citizen. You can find it [here](#).

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OPPORTUNITY TO SUPPORT NRES ALUM PROJECT



Two former NRES graduates, Drs. Thibault and Angelique Grava (NRES PhD 2012), have just started a new venture back home in France. They are in the process of founding an organic dairy farm, which they are aiming to turn into an education centre on sustainable agriculture. Thibault is also continuing in animal behavior research by starting projects around apiculture as part of this initiative and Angelique will be leading the educational aspects of this program. This had been a plan they initially established while at UNBC, with their ultimate goal to eventually build this into an independent research station that students from the neighbouring Universities/Colleges could conduct field projects.

They have established a crowd-funding drive to help with initial financing and they have already collected more than 50% of their goal. They have just under a month to meet their target and are trying to spread the word for people who would like to support the initiative. To learn about the project or to contribute to the fund raising, visit their official site on [KissBank – a French crowd-funding site](#).

And they have figured out how to send their cheeses to donors in Canada! Contact them for more details.

SUSAN STEVENSON SCHOLARSHIP FUND

As its first project of this kind, the Natural Resources and Environmental Studies Institute (NRESi) is building a fund to support a scholarship in memory of wildlife ecologist and NRESi member Susan Stevenson. During a 35-year career built primarily in the BC central interior, Susan designed and implemented important research and inventory projects related to mountain caribou habitat, lichen biology, and silvicultural systems, collaborating with a diverse range of researchers, and gave generously of her expertise to the next generation of scientists. Susan exemplified the Institute's values of interdisciplinary curiosity and unselfish collaboration, and enriched the lives of all those who worked and studied with her. The Institute invites you to join it in supporting the Susan Stevenson Scholarship Fund:

1. Visit UNBC Development Office's website: www.unbc.ca/giving
2. Click on the grey **Make a Gift** button
3. Enter the information requested
4. When you reach the question of **Please direct my donation to:** select **Other**
5. **Important** - In the **Comments** area, add that you would like your gift to be contributed to the **Susan Stevenson Scholarship Fund**

SHARE YOUR PHOTOS & STORIES

Do you have a favourite photo, story or update from your research that you would like to share with your fellow members and the broader NRESi community in the newsletter? Send them to Leanne to include in an upcoming edition!

COLLOQUIUM ARCHIVE

Did you miss a colloquium or special lecture? Visit NRESi's webcast archive to catch up! This can be found through the following link: <http://www.unbc.ca/nres-institute/colloquium-series/archived-colloquium-series>

ARCHIVE OF PAST EVENTS

Information, links, proceedings, and other information from past NRESi hosted and co-led events can be found at: <http://www.unbc.ca/nres-institute/special-events>. This site currently includes information about the Forest Tenure events (Annual Lecture and workshop) and a link to the Cumulative Effects Workshop site.

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