



NRESi WEEKLY NEWS

September 29 - October 3, 2014

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

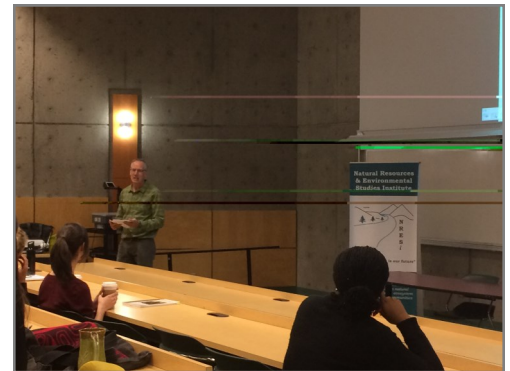
Hello everyone,

Thanks to those who came to last week's NRES Graduate Student Icebreaker and to all of our student poster presenters! It was a great success. We appreciate and thank the following groups for joining NRESi in providing financial contributions to support the event: the Office of Research, College of Science & Management, and the Ecosystem Science & Management Program.

Special congratulations go out to recent NRES graduate, Krista Sittler, who won this year's NRESi Research Extension Note Award! All of NRESi's publications can be found on our [website](#) and Krista's can be found [here \(REN 09\)](#). Are you a graduate student wondering how you can win next year's award? Contribute a publication (Research Extension Note, Occasional Paper or Technical Report) by September 1, 2015 and the Steering Committee will consider all student led submissions. Not only is it a way to get your name on a publication widely available on NRESi's website and through UNBC's library, there's a cash reward, too!

Have a great week!

Leanne Elliott
NRESi Research Manager



Art Fredeen announces NRESi's 2014 Research Extension Note Award winner as Krista Sittler.
Photo credit: L. Elliott

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Left: Mike Dewar, as the nominator of this year's NRES Graduate Icebreaker lecturer, introduces Dr. Connie Nelson
Photo credit: L. Elliott



Right: Dr. Connie Nelson explains complexity science concepts and processes
Photo credit: L. Elliott

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. Thomas Pypker

Department of Natural Resource Sciences
Thompson Rivers University



Potential Impact of Climate Change on Greenhouse Gas Emissions From Sub-Boreal Peatlands

Peatlands are a critical component in the global carbon (C) cycle because they represent a long-term sink of atmospheric carbon. Today, soil carbon stocks in peatlands are estimated to be 1850 Pg (10^{15} g); equal to 12-30% of the global soil carbon pool. Moreover, peatland ecosystems currently sequester an estimated 76 Tg (10^{12} g) $C^{-1} yr^{-1}$. Peatlands are also a significant source of methane (CH_4) because of the anaerobic conditions occurring in the often saturated peat. The fate of the stored carbon in peatlands is now in question because many of the world's peatlands are located in northern climates where temperature and precipitation are expected to experience rapid change. Using examples from my research in Upper Michigan, I will present information on how changes in hydrology and temperature may influence carbon emissions from peatlands.

Friday, OCT 3rd, 2014

3:30 pm - 4:30 pm

Room: Weldwood Theatre (7-238)

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

COMING EVENTS

NRESI RESEARCH COLLOQUIUM SERIES

Dr. Ken Brealey

University Geography and the Environment, University of the Fraser Valley

How to map Aboriginal title: the example of Williams v. HTMQ

Abstract to be posted to NRESi's website next week. Watch [here](#) for updates.

Friday, OCT 10th, 2014

3:30 pm - 4:30 pm

Room: Weldwood Theatre (7-238)

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

THESIS DEFENCE NOTICE

GRADUATE THESIS DEFENCE

Mr. Peng Wu is a candidate for the degree:

Doctor of Philosophy in Natural Resources and Environmental Studies

Mr. Wu will be defending his thesis entitled:

"Local Scour Around Bridge Abutments Under Ice Covered Conditions"

Co-Supervisors: **Dr. Jueyi Sui and Dr. Liang Chen**

Date: **October 8, 2014** Time: 1:00pm Room: Senate Chambers (PG Campus)

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ANNOUNCEMENT

A memorial service will be held for **Susan Stevenson** on Thursday, October 23rd at 7pm. It will take place at the UNBC Prince George Campus' Bentley Centre (7-172).

TRAVEL & CONFERENCES

Sharleen Balogh, Kathryn Berry, Dezene Huber, Staffan Lindgren, Lisa Poirier, Marla Schwarzfeld, and Aynsley Thielman all attended the Joint Annual Meeting of the Entomological Societies of Canada and Saskatchewan (28 September - 1 October 2014) in Saskatoon, Saskatchewan. Many of them gave oral presentations in various sessions during the week. Dezene and Lisa judged for the President's Prize in a couple of student sessions. Staffan also became President of the ESC for the next year, after serving as First Vice President for the past year.

In cooperation with the Taku River Tlingit First Nation and the BC Ministry of Forests, Lands and Natural Resource Operations, Phil Burton spent a week looking at ecosystem recovery, after placer mining in the gold fields east of Atlin, B.C. This reconnaissance survey and site selection exercise will support ongoing research by Masters student, Jose Haig.



An old mining claim-post in the Spruce-Willow-Birch zone northeast of Atlin, B.C.
Photo credit: P. Burton

PUBLICATIONS

Batho, A., and **García, O.** "A site index model for lodgepole pine in British Columbia". *Forest Science* 60(5), 982-987, 2014.

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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