



NRES WEEKLY NEWS

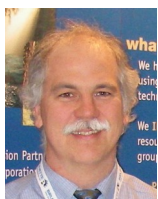
March 8 - 12, 2010

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

COMING EVENTS

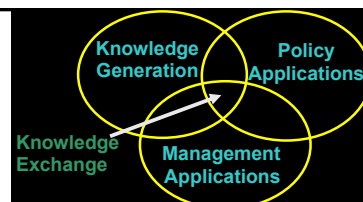
NRESI RESEARCH COLLOQUIUM SERIES

This Friday



**Alan Wiensczyk, Ecosystem & Stand Management
Extension Specialist,
Forum for Research & Extension in Natural Resources
(FORREX)**

**FORREX and Extension:
Helping to chart the course from problem to solution**



Today in British Columbia, the natural resource management community is facing challenges on a number of fronts including: climate change, alternative uses of forests (e.g., carbon sequestration, bioenergy), forest health (e.g., mountain pine beetle), mid-term timber supply falldown, biodiversity conservation, and community resilience and sustainability. These challenges have created a wide variety of information needs as natural resource managers and community leaders try to develop and implement solutions. Some of these needs may be met with existing knowledge while others will require new research. But how do you identify which needs require further study? How do you identify who has those needs? How do you share results of your research with those who need the information? How do you make sure that the answer gets to the right people so that any necessary changes in policies and/or practices can be made? And how do you evaluate whether your information has been adopted and applied? The answers to these questions are found in the realm of extension. Extension is the art and science of working with the research and operational communities to use existing knowledge and current research results to help inform solutions to problems and identify knowledge gaps so that they can be addressed by future research projects. In this presentation, I will provide some information on the basics of extension, definitions, needs and target audience identification, and information sharing and project evaluation methods. I will also provide information on FORREX Forum for Research and Extension in Natural Resources, the services we provide, and the products that we have produced.

Mar. 5, 2010

3:30 - 4:30 pm

Lecture Theatre 7-152



**Sybille Haeussler, PhD RPF
Research Coordinator, Future Forest Ecosystem Scientific Council (FFESC)
Ecosystem Science & Management Program, UNBC**

**Complexity Affects the Resilience of Northern BC Ecosystems,
Landscapes and Social-Ecological Networks**

Next Friday

The Economist (Dec. 5, 2009) stated that "climate change is the hardest political problem the world has ever had to deal with". For ecologists, grappling effectively with the implications of climate change will require new approaches to our science that embrace complexity, interdisciplinarity and non-scientific world views. The presentation will outline my own recent attempts to address this challenge by applying theory and analytical approaches from complex systems science to my highly specialized empirical knowledge of the ecosystems, landscapes and social-ecological networks of northern BC. I will use case studies from 30 years of fieldwork in forest and grassland ecosystems of northwest BC as well as some personal experiences as a "citizen scholar" involved in local community capacity-building in the Bulkley Valley to examine how ecological or social-ecological resilience is related to system complexity and to discuss how these relationships may affect responses to climate change.

Mar. 12, 2010

3:30 - 4:30 pm

Lecture Theatre 7-152

Unable to make it in person? Watch the colloquium at your desk!

For Elluminate information and link to the webcast: http://www.unbc.ca/nres/nresi_webcast.html
Log in as "Guest"

Global Fridays

Senate Chambers

12:00 - 1:30 pm

March 5, 2010

Dr. Bruce Alexander, Professor Emeritus, Psychology at SFU

The Globalization of Addiction

NRESi Annual Poster Session

March 18, 2010

UNBC Atrium

Set up: 4:30 pm

Poster Session: 5:00 - 6:00 pm

Showcase your research at the NRESi's Annual Poster Session, preceding the Annual NRESi Lecture. NRES graduate students and NRESi members alike are invited to present posters.

PUBLIC LECTURE

7:00 pm — Canfor Theatre (6-213)

Dr. Bram Noble

Associate Professor, Dept. of Geography & Planning, University of Saskatchewan

Cumulative Environmental Effects and the Tyranny of Small Decisions



ONLINE WEBINAR SERIES

FORREX is hosting "What's New in Forest Productivity Research?" Online Webinar Series in March. All webinars run from 10:30—11:30 am. If you want to register for any of these online webinars, view recordings and presentation materials for past webinars, or for updates and additions to the lineup:

www.forrex.org/program/forest/Forest_Productivity_Research_asp .

- ◆ March 11, 2010: **Chris Hawkins**, UNBC — "After the beetle: What's there and will it grow?"
- ◆ March 18, 2010: Alex Woods, BC MFR — "FREP stand development monitoring: What have we learned so far?"
- ◆ March 25, 2010: Craig DeLong, BC MFR — "Developing a climate change risk analysis and decision support tool."

CALL FOR PAPERS

5TH Annual UNBC Graduate Conference — March 29-30, 2010

The next decade will provide new challenges to be overcome through research. What has been evident over the past years is that one of the best solutions to approach research questions is through working synergistically across disciplines. The 5th Annual Graduate Conference aims to allow graduate students in all fields the opportunity to present research interests. This year there should be more interactive sessions with both afternoons assigned to student led workshops and panels, as well as the traditional presentations and posters. **Submission deadline: March 8, 2010.**

For further information contact the **Graduate Student Society Office** at: gsooffice@unbc.ca

The **Community Development Institute** (CDI), in partnership with **UNBC's Vice-President Research**, is sponsoring an annual Graduate Student Paper Competition with a **\$500 award**. The successful submission will be published through the CDI.

To be eligible, submissions should be:

- ◆ Submitted by a UNBC graduate student. (Open to students in any degree program who are/were enrolled at UNBC in that academic year or whose convocation was in that academic year. Co-authorship is permitted, but the student must be the first author.)
- ◆ Report original and previously unpublished research.
- ◆ Be on a topic of relevance to community development in northern BC
- ◆ Maximum of 40 pages, single spaced, WORD format, submitted electronically
- ◆ Submitted to the CDI by **June 1st** each calendar year with the award to be announced at the end of June

For more information, please contact: Don Manson, Coordinator (manson@unbc.ca; 250-960-5018)

<http://www.unbc.ca/cdi/>

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

PLEASE EMAIL ALL INFORMATION AND MATERIAL TO MICHELLE KEEN: keenm@unbc.ca

UNBC Fish & Wildlife Student Chapter of The Wildlife Society

Saturday, March 6th — hosting an Ice-fishing Derby at West Lake Provincial Park (22 km SW of Prince George) — the derby is open to everyone and starts at 10:00 sharp! There are lots of fish in the lake and, thanks to Northern Hardware and Northern Troutfitters, over \$700 worth of prizes to be won including an ice-fishing shelter, depth-finder, rods, lures, and much more. Prizes will be awarded for the largest fish, smallest fish, most consistent fisher person, most species diversity, closest catch to specific times and much more. Tickets are \$10 per person and are available in advance by contacting tws@unbc.ca or at the lake the morning of the event. There will be ice augers available at the lake, but you will need to bring your own fishing gear and a fishing licence. One day licences are available online at: <https://j100.gov.bc.ca/pub/ras/signin.aspx> .

On **Tuesday, March 30th** at 7:00 pm (room TBA), the UNBC Fish & Wildlife Student Chapter of The Wildlife Society will host a special NRES Institute Colloquium in recognition of the 100th birthday of Dr. Ian McTaggart Cowan, who throughout his career has made outstanding contributions to our understanding of mammals and birds. The lecture, tentatively titled "Major challenges for wildlife management in Canada and solutions to these problems", will be given by Dr. Valerius Geist (Professor Emeritus, University of Calgary) — as a former student of Dr. Cowan, Dr. Geist will also share some perspectives on Dr. Cowan's career. Please mark your calendars for this special event.

Local Events

On **Thursday, March 11th** UNBC will join universities and colleges across the nation for **Canada's First Bottled Water Free Day** (<http://www.bottledwaterfreeday.ca/>). Events on March 11th include:

Café Discussions — Doug Little Lounge

- ◆ 11:00 - 12:00 **Health Impacts of Bottled Water**, facilitated by Matthew Shumaker, Environmental Health Officer, Northern Health & Dr. Margot Parkes, UNBC
- ◆ 1:00 - 2:00 **Envisioning a Bottled Water Free UNBC**, facilitated by Danielle Smyth, UNBC Green Research Manager
- ◆ 2:00 - 3:00 **Social and Environmental Impacts of Bottled Water**, facilitated by Dr. Zoë Meletis, UNBC

Information Booths — Agora Hallway, 10:00 - 3:00

- ◆ City of Prince George
- ◆ Recycling Environmental Action Planning Society
- ◆ Bottled Water vs. Tap Water Taste Test
- ◆ Bottled Water Free Pledge
- ◆ and more . . .

Film & Discussion — Tapped (<http://www.tappedthe movie.com/>)

Lecture Theatre 7-212 — 6:30 pm **Film sponsored by UNBC and the NRESi**

Summary of Film: From the producers of "Who Killed the Electric Car" and "I.O.U.S.A.", this timely documentary is a behind-the-scenes look into the unregulated and unseen world of an industry that aims to privatized and sell back the one resource that ought never to become a commodity: our water. From plastic production to the ocean in which so many of these bottles end up, this documentary trails the path of the bottled water industry and the communities which were the unwitting chips on the table. A powerful portrait of the lives affected by the bottled water industry, this revelatory film features those caught at the intersection of big business and the public's right to water.

For more information on *Canada's First Bottled Water Free Day*, please contact Danielle Smyth (dsmth@unbc.ca).



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

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CONFERENCES / TRAVEL

Art Fredeen will be at UBC for the defense of his co-supervised PH.D. student, Jocelyn Campbell, on Friday, March 5th.

Roy Rea is attending the 31st Annual Pacific Ecology and Evolution Conference at Bamfield Marine Sciences Centre on Vancouver Island March 5th - 7th.

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