



# NRES WEEKLY NEWS

## January 31 - February 4, 2011

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**

#### **Dr. Marianne Douglas**

**Director, Canadian Circumpolar Institute  
University of Alberta**

#### **Environmental Change in Canada's High Arctic: Past to Present**

High latitude regions are exhibiting high rates of changing environmental conditions in part related to polar amplification. Paleolimnology, the study of lake sediments, can be used to assess the rate and effect of these changes to the terrestrial system and to reconstruct past natural baseline conditions. Our investigations of aquatic ecosystems over the past two decades reveal that they are undergoing important changes in their physical, chemical and biological characteristics. Understanding these changes provides insight into what future arctic conditions may prevail. In this presentation I will use examples from our research on lakes and ponds in the Canadian High Arctic to show some of the practical applications of paleolimnology in studying regional climate change, archaeology and airborne pollutants.



January 28, 2011

3:30 - 4:30 pm

Lecture Theatre 7-150

**Next Friday**

#### **FISH AND WILDLIFE COMPENSATION PROGRAM**

**presents:**

#### **Richard Cannings**

**Biologist  
Award winning author**

#### **British Columbia: A Natural History**

From rich ocean currents to arid grasslands and towering rainforests to wind-blown alpine meadows, British Columbia has the most diverse natural heritage of any province of Canada. This is the story of that heritage and the people that explore it.



February 4, 2011

3:30 - 4:30 pm

Lecture Theatre Canfor Theatre

For Elluminate information and link to the webcast: [http://www.unbc.ca/nres/nresi\\_webcast.html](http://www.unbc.ca/nres/nresi_webcast.html)  
For a list of upcoming seminars: <http://www.unbc.ca/nres/seminar/>

## OTHER COMING EVENTS

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**GLOBAL FRIDAYS**  
LIBRARY 5-183  
12:00 - 1:30 pm

January 29, 2011  
Rob Huebert, University of Calgary

**“International Arctic Security—Talking Cooperation But Preparing for Conflict”**

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**Assisted Migration — free online Webinar**  
February 22, 2011

Assisted migration has recently emerged as a relevant climate change adaptation strategy in the context of forest management. This webinar will provide forestry practitioners, researchers and conservation practitioners with increased awareness and access to the latest information in assisted migration as a climate change adaptation strategy in forest management in BC. The webinar will consist of two consecutive 30 minute online presentations followed by 15 minute questions/discussion periods. The first presentation will discuss the concept of assisted migration and the rationale for its application in BC. The second presentation will focus on what is being done in BC related to assisted migration, touching base on pilot/experimental projects, ongoing research efforts, recent findings, expected results, environmental risks considerations, and monitoring efforts. For both presentations, FORREX is very pleased to have Greg O'Neill (Research Scientist, Kalamalka Forestry Centre) as our guest speaker, who will share with the audience his knowledge and expertise on this topic. Registration for this webinar is now open.

For more details: <http://www.forrex.org/news/event.asp?pkey=509>

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**UNBC Fish & Wildlife Student Chapter of The Wildlife Society**

will be sponsoring an evening Colloquium:

**Helen Schwantje**

**Wildlife Veterinarian, BC Ministry of Natural Resource Operations**

**Zoonotic Wildlife Disease or Would You Eat This?**

Thursday, March 3rd

7:00 pm

Room TBA

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## PUBLICATIONS

Crooks, V., Castleden, H., **Hanlon, N.**, and N. Schuurman, (2011) “Heated political dynamics exist ...”: Examining the politics of palliative care in rural British Columbia, Canada. *Palliative Medicine* 25(1): 26-35

**Hanlon, N.**, **Halseth, G.**, and A. Ostry (2011) Stealth voluntarism: An expectation of health professional work in underserved areas? *Health and Place*. 17(1): 42-49

Janzen D, Bois CH, **Sanborn PT**, **Wheate RD**, and **AL Fredeen** (2010) Spatial and temporal modeling of carbon stocks using Landsat TM/ETM+ for a sub-boreal forest. *Canadian Journal of Remote Sensing* 36(4): 374-390

## TRAVEL

**Chris Johnson** will be in Toronto this week participating in a workshop sponsored by the Ontario Ministry of Natural Resources on cumulative effects analyses.

## GRADUATE THESIS DEFENCES

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Ms. Tullia Upton is a candidate for the degree:

### **Master of Science in Natural Resources and Environmental Studies**

Ms. Upton will be defending her thesis entitled:

“Persistence of Soil Moisture in the Cariboo Mountains, British Columbia”

Supervisor: Dr. **Stephen Déry**

Date: **January 27, 2011**

Time: **9:00 am**

Room: **6-305**

[https://cms.unbc.ca/assets/nres/defences/110127\\_upton.pdf](https://cms.unbc.ca/assets/nres/defences/110127_upton.pdf)

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## CONGRATULATIONS

Congrats to Jordan Koopmans for his successful MSc defense on January 14 despite the unexpected cancellation of the flight from Vancouver carrying Jordan's thesis advisor **Brian Aukema**, committee member and adjunct Allan Carroll from UBC, and external examiner Nadir Erbilgin from the U of A. **MANY THANKS** to Dean Ian Hartley and Chief of Staff Shelley O'Carroll from the Grad Office for scrambling to arrange the remote venue at YVR, and the good people in IT for making the connections work. Jordan's post-defense plans include applying to medical school (to treat heartburn?)

Adjunct assistant professor **Dr. Brian Aukema**, now in the Department of Entomology at the University of Minnesota, was recently selected as one of five McKnight Land-Grant Professors at the University of Minnesota. The McKnight program advances the careers of promising junior faculty based on research aptitude and the ability to attract and train top students. Recipients are honored with the title McKnight Land-Grant Professor and a two-year award consisting of a research grant, summer support, and a research leave or additional grant in the second year. Brian is appreciative of his many faculty and student NRES colleagues during the past five years at UNBC who created an environment for his research program to flourish. You can visit the new lab at <http://www.forest-insects.umn.edu>.

**We're on the web at : [www.unbc.ca/nres/newsletter](http://www.unbc.ca/nres/newsletter)**

**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 BRENDA JANZEN: [janzen@unbc.ca](mailto:janzen@unbc.ca)**