



# NRES WEEKLY NEWS

## November 28 - December 2, 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

## Li Yubao

Visiting Scientist, Wenzhou University, China

**Imaging and Modeling approaches to characterize sediment environments in China**

Friday, January 13, 2012

3:30 - 4:30 pm

### NRESi Welcome Back Event for Grad Students, Staff, and Faculty

**When?** Friday, January 13th, **4:30 - 6:30** pm.

**What?** A potluck meet and greet.

\*\*\* Please send the type of dish (salad? appetizer? dessert?) you plan to bring to Annie Booth via email: [annie@unbc.ca](mailto:annie@unbc.ca) \*\*\*

**Why?** Why the heck not?? It's a new year and a new term, come and celebrate it with fellow NRESers!

**Where?** The Wolf's Den, at the Northern Sports Centre (NSC)

### GRADUATE THESIS DEFENCE

Mr. Eiji Matsuzaki is a candidate for the degree:

**Master of Science in Natural Resources and Environmental Studies (Forestry)**

Mr. Matsuzaki will be defending his thesis entitled:

“Carbon Stocks of Western Redcedar Western Hemlock Stands in  
Canada’s Inland Temperate Rainforest”

Supervisor: **Drs. Art Fredeen and Paul Sanborn**

Date: **December 7, 2011** Time: 9:00 am Room: Senate Chambers

**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 honors you may have received with others interested in NRES issues.

**PLEASE EMAIL ALL INFORMATION AND MATERIAL TO: [Michelle Keen: keenm@unbc.ca](mailto:Michelle.Keen@unbc.ca)**

## GRADUATE THESIS DEFENCE

Mr. Nathan Park is a candidate for the degree:

**Master of Science in Natural Resources and Environmental Studies (Environmental Science)**

Mr. Park will be defending his thesis entitled:

**“Increased Biogas Production by Anaerobic Co-Digestion of Wastewater Sludge with Fruit and Vegetable Waste, and by Sludge Pre-Treatment”**

Supervisor: **Dr. Ron Thring**

Date: **January 5, 2012** Time: 9:00 am Room: 6-305 Conference Centre

### PUBLICATIONS

Perera, A.H., Ashton, D.C., and **C.J. Johnson** (eds) 2012 *Expert Knowledge and Its Application in Landscape Ecology*. (Springer: New York) 308 pp

**Petticrew, E. L.**, Rex, J. F. and S. J. Albers 2011 “Bidirectional delivery of organic matter between freshwater and marine systems: an example from Pacific salmon streams”. *Journal of the North American Benthological Society* 30: 779–786

Rex, J.F. and **E.L. Petticrew** 2011 “Fine Sediment Deposition at Forest Road Crossings: An Overview and Effective Monitoring Protocol” in *Sediment Transport in Aquatic Environments* (ed) A.J. Manning (Croatia: InTech Publ) 89-122

Hassan M.A., **Petticrew, E.L.**, Montgomery, D.R., Gottesfeld, A.S. and J.F. Rex 2011 “Salmon as biogeomorphic agents in gravel-bed rivers: The effect of fish on sediment mobility and spawning habitat” in: *Stream Restoration in Dynamic Systems: Scientific Approaches, Analyses, and Tools* (eds) A. Simon, S.J. Bennett and J. M. Castro. (American Geophysical Monograph 194, Geopress: Washington D.C.) 337-352

### TRAVEL / RESEARCH / CONFERENCES

NRES MSc student Christina Tennant, Postdoctoral Fellow Dr. Joe Shea, **Brian Menounos**, and **Roger Wheate** are traveling to San Francisco to attend the American Geophysical Union’s Annual Meeting. Over 26,000 geophysicists and earth scientists will attend the meeting this year. Christina will present her MSc thesis work on area and volume loss of Canadian Rocky Mountain glaciers, Joe will give a paper on using satellite imagery to estimate regional glacier mass in western North America, and Brian is presenting his research on glacier fluctuations in southernmost Patagonia. Both Christina and Joe are supervised by Brian, and all of these presentations are part of a session on mountain glaciers and their response to climate.

Amalsh Dhar (ESM Postdoctoral Fellow) participated an international conference "Conservation and management of forests for sustainable development: *where science meets policy*" which was held in Leuven, Belgium on 23 - 24 November 2011. He presented a paper " Mixture of broad-leaves and conifers are ecologically and economically desired in an uncertain future changing climate" co-authored by **Christopher D.B. Hawkins**.

The final SSHRC Stakeholder Workshop Series: Science to Policy was held at the QRRC last week. The focus of this third workshop was salmon; the other two being on water and climate change. The workshop was attended by 6 UNBC representatives including **Ellen Petticrew**, **Phil Owens**, Alex Koiter, Katrina Caley, Jocelyn Joe-Strack and Sam Albers. The topic brought together stakeholders in the Quesnel watershed, government and business representatives as well as several NGO’s. Two local First Nation bands were represented. Erin Robinson (SSHRC Research Associate) did an excellent job of facilitating the workshop for the 22 participants over the two day event.

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