



## NRES WEEKLY NEWS

### November 17, 2006

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

## NRESI RESEARCH COLLOQUIUM



### **Dr. Ben Cashore**

Assoc. Prof., Environmental Policy and  
Governance and Political Science  
Yale School of Forestry & Environmental Studies

### **“The Emergence of Non-State Market Driven (NSMD) Global Governance: Lessons from the Forest Sector”**

In recent years, transnational and domestic non-governmental organizations have created non-state market driven (NSMD) governance systems whose purpose is to develop and implement environmentally and socially responsible management practices. Eschewing traditional state authority, these systems and their supporters have turned to the market's supply chain to create incentives and force companies to comply. My presentation assesses this phenomenon in three steps.

- I present a theoretical framework designed to understand better the emergence of NSMD governance systems, and the conditions under which they may gain authority to create policy.
- I present the empirical results from our application of this framework to the European and North American forest sectors.
- I reflect on the lessons of this analysis for the emergence of NSMD global governance generally.

**Friday, November 17, 2006**  
**3:30pm — 4:30 pm**

**Lecture Theatre 7-158**  
**Light Refreshments served at 3:20 pm**

### **Dr. Greg Halseth**

Professor, Geography Program, Community Development Institute  
UNBC

### **Building towards a “Whole Community” Approach to northern BC social science research**

The changes now being experienced across northern BC are part of longer term economic, social, cultural, and environmental processes. From wilderness frontier, to resource development frontier, to the pains of economic restructuring and the accelerating pace of the global economy, the past 100 years have been defined by the very word ‘change’. It was in this context that the people and communities of northern BC petitioned for a university to provide the information needed to assist them in meeting the challenges and opportunities of the 21<sup>st</sup> Century. This presentation starts with an overview of some of these patterns of change as part of a commitment to set the future into an historical context. It then covers a number of projects and topics that together may be assembling the ‘pieces of the puzzle’ that describes our region within a nested set of provincial, national, and world systems. The presentation finishes with a review of both the need for, and challenges to, extending our work through moving research into action and by building individual research topics into long term relationships within academia and across northern BC.

**Friday, November 24, 2006**  
**3:30pm — 4:30 pm**

**Lecture Theatre 7-158**  
**Light Refreshments served at 3:20 pm**

**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**  
**Elissa Zemlak: [zemlak@unbc.ca](mailto:zemlak@unbc.ca)**

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

## BC FARMERS' MARKETS STUDY

On Nov. 9, **Pat Bell**, BC Minister of Agriculture and Lands, announced the results of **David Connell's** study of BC's farmers markets. "These findings really are amazing," Bell said. "I think everyone knows that farmers' markets are popular, but I don't think anyone realized just how important a contribution they make to the economic health of our province. This study not only puts numbers on that contribution but also reinforces the connection British Columbians have with our farming community." Minister John van Dongen and MLA Val Roddick also attended the announcement. For more information visit: [www.unbc.ca/planning/localfood/impacts.html](http://www.unbc.ca/planning/localfood/impacts.html)

## UPCOMING COURSE

**NRES 720-3: Global Change**  
**Winter 2007, Mon/Wed, 10:00—11:20 am**

Recent reports suggest that the development of modern human societies is contributing to the degradation of many of earth's natural systems. NRES 720 will examine the functioning of select earth systems (e.g., climate, biogeochemical, and terrestrial vegetation), the impact of human society on the functioning of these systems, and implications for the sustainable management and development of natural resources.

The course presentation will include topic specific lectures by instructors and guests, facilitated discussions based on targeted readings, and group presentations and/or debates on key issues.

For further information about NRES 720, contact **Dr. Scott Green** ([greens@unbc.ca](mailto:greens@unbc.ca); 960-5817) or **Dr. Art Fredeen** ([fredeena@unbc.ca](mailto:fredeena@unbc.ca); 960-5847)

## PUBLICATIONS

Forrest, Charlene and **Jane P. Young**. 2006. The effects of organic and inorganic nitrogen fertilizer on the morphology and anatomy of *Cannabis sativa* "Fédrina" (industrial fibre hemp) grown in northern British Columbia, Canada. *Journal of Industrial Hemp*. 11(2):3-24.

**Hall, K.** 2006 Perceptions of rock weathering in cold regions: a discussion on space and time attributes of scale. *Geomorphologie*, 3, 187-196.

CD-book of Mycorrhizas: Anatomy and Cell Biology Images (electronic version, 2006) is now out of the NRC Press site, by R. Larry Peterson, **Hugues B. Massicotte**, Lewis H. Melville, and Forrest Phillips.

## THESIS DEFENCE

**Darren Janzen** will defend his M.Sc. Thesis entitled: "The Impacts of Forest Management Activities on Carbon Stocks and Sequestration in the Aleza Lake Research Forest." from 1:00-3:00 pm on Dec. 1, 2006 in Senate Chambers (Room 1079). Darren is co-supervised by **Drs. Art Fredeen** and **Roger Wheate**.

## GEOGRAPHY WEEK

The Geography Program is celebrating "Geography Awareness Week" along with campuses and organizations across North America. Activities include the screening of three films, a "Sense of Place" Haiku and Limerick contest, a "Geopardy" game in the Winter Garden on Friday (1:15), and a display of research and photo's in the Bentley corridor. Professors **Roger Wheate** and **Brian Menounos** are also giving talks at one of the local high schools on Physical Geography and GIS.

## TRAVEL

- **Staffan Lindgren** attended a review meeting for the Forest Science Program Letter of Intent stage in Vancouver, November 10, 2006.
- On November 23—25, **Brian Menounos** will be traveling to Calgary. His co-supervised student (**Ryan Minkus**) will be defending his MSc thesis "Evidence of latest Pleistocene Glacier Advance in the southern Coast Mountains, British Columbia, Canada.
- **Greg Smith**, (MSc (NRES) Biology) (**Staffan Lindgren** and **Allan Carroll**, co-supervisors) will attend the annual meeting of the Entomological Society of Canada in Montreal, Quebec, November 18 – 22, 2006. **Greg** will be making an oral presentation entitled "Interactions between endemic mountain pine beetles and a potential bark beetle competitor".
- **Oscar Garcia** was invited to give a seminar on "Time and Scale in Forest Models" at the Department of Forestry of North Carolina State University, Raleigh, NC on Nov. 9. He also gave a guest lecture on Dynamical Systems for a graduate course on Advanced Forest Modeling.
- **David Connell**, Environmental Planning, traveled to Chilliwack Nov. 10 to attend the BC Association of Farmers' Markets general meeting. He presented the results of his study of the community and economic impacts of BC's farmers markets to an audience of market managers and vendors. For more information, visit [www.unbc.ca/planning/localfood/impacts.html](http://www.unbc.ca/planning/localfood/impacts.html)

## NRESI RESEARCH EXTENSION NOTE (REN)

The official launch of the NRES Institute's Research Extension Note (REN) and the guidelines for authors was passed November 6, 2006 by the NRESI Steering Committee.

REN's are peer-reviewed articles that will be e-published on the NRES Institute website [<http://www.unbc.ca/nres/>]. The intent is to make our NRES research and findings more accessible to others, and to help showcase our research across the north, the province and around the world. If you have any questions about the REN, please contact either **Debra Straussfogel** (960-6121) or **Art Fredeen**(5847)

We look forward to seeing contributions from all of you!