



NRES WEEKLY NEWS

March 29 - April 2, 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

Ward Strong
BC Ministry of Forests and Range



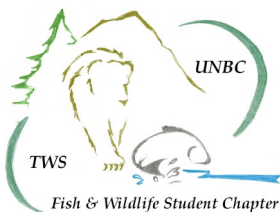
Cone and Seed Pests in BC Conifer Seed Orchards: a Research Update

Most people accept that the global climate is changing and understand that their direct and indirect use of fossil fuels will have widespread effects on the environment, which in turn will lead to important impacts on humans. Nevertheless, polls also report that most people are not prepared to do very much to change their lifestyle. Why is this? Why don't our actions match our attitudes? The choices of some people are hampered by structural barriers beyond their control, but many others are challenged by psychological barriers that can be overcome. This presentation describes many of these psychological barriers, some evidence about which barriers are most common, and offers potential policy-oriented ideas and solutions for overcoming them.

Mar. 26, 2010

3:30 - 4:30 pm

Lecture Theatre 7-152



SPECIAL RESEARCH COLLOQUIUM SPONSORED BY
UNBC FISH & WILDLIFE STUDENT CHAPTER OF TWS

Dr. Valerius Geist
Professor Emeritus of Environmental Science
Faculty of Environmental Design
University of Calgary



Next Tuesday

Canadian Wildlife: Where to?

The history of wildlife conservation in the West is long and deeply troubled. Normally, wildlife was the possession of the ruling elite subject to conspicuous consumption, and maintained brazenly and ruthlessly against the interest of common people. It was a universal symbol of the hated elite and was destroyed in rebellions and uprisings. The link of wildlife and elitism, despite dedicated efforts to change such in modern times in Europe, has never entirely succeeded. This makes the North American Model of Wildlife Conservation the more remarkable. It arose about a century ago out of the sorry consequences of letting Garret Harding's Tragedy of the Commons run its full course, virtually destroying wildlife continent wide. A white collared elite from Canada and the United States joined hands to rescue wildlife, and succeeded in that task via a unique system of wildlife conservation. It is so unique and so successful that it has been proposed for global application. This system and our wildlife have been attacked, however, by various groups and the question is now if this model will survive, or whether wildlife will revert to private ownership to be ruthlessly exploited by a segment of our elite for its pleasure, frivolous pleasures, I might add, by an elite that believes in entitlement. A number of dangers come from people of infinite good will but myopic policies. There are also severe dangers in the success of the North American Model, especially to public health. Much is in need of re-examination, a prerequisite to any effort to plan a rational future for wildlife.

Mar. 30, 2010

7:00 pm

Lecture Theatre 7-212

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"

NRES UNDERGRADUATE THESIS PRESENTATIONS

The NRES Undergraduate Thesis presentations will take place on **Friday, April 9th**, from 1:00— 2:30 pm in Room 5-152. The schedule for the presentations is:

1:00—1:20	Tiffany Clarke	Estimation of genome sizes for <i>Dendroctonus ponderosae</i> and <i>Ips pini</i> via three independent methods
1:20—1:40	Matt Clarke	Horn growth in mountain goats, the influences of biology and environment on rates of horn accumulation
1:40—2:00	Sophia McClair	The metabolic function of <i>Ips paraconfusus</i> Cyp4BD1 and Cyp4BG1
2:00—2:20	Rebecca Bowler	Net CO ₂ exchange of partitioned vertical layers of live vegetation following mountain pine beetle (<i>Dendroctonus ponderosae</i>) infestation in two pine dominated stands in northern BC

GRADUATE THESIS DEFENCES

Ms. Lesley Dampier is a candidate for the degree:

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

Ms. Dampier will be defending her thesis entitled:

“Soil Genesis in Relation to Glacial History, Central Yukon”

Supervisor: Dr. **Paul Sanborn**

Date: March 31, 2010

Time: 2:30 pm

Room: Room 6-305, Conference Centre

Ms. Kyla Warren is a candidate for the degree:

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

Ms. Warren will be defending her thesis entitled:

“Factors Influencing Habitat Use by Juvenile Interior Fraser Coho”

Supervisor: Dr. **Mark Shrimpton**

Date: April 15, 2010

Time: 9:00 am

Room: Room 6-306, Conference Centre

Ms. Faye Krol is a candidate for the degree:

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

Ms. Krol will be defending her thesis entitled:

“The Impact of Climate Change and Harvest of Mountain Pine Beetle Stands on Streamflow in Northern British Columbia”

Supervisor: Dr. **Jueyi Sui**

Date: April 16, 2010

Time: 2:30 pm

Room: Room Senate Chambers

Ms. Dana O'Bryan is a candidate for the degree:

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

Ms. O'Bryan will be defending her thesis entitled:

“Phylogeography and Conservation Genetics of Scaleless Carp (*Gymnocypris Przewalskii*) of Lake Qinghai, China”

Supervisor: Dr. **Brent Murray**

Date: April 22, 2010

Time: 1:00 pm

Room: Senate Chambers

Mr. Marc Steynen is a candidate for the degree:

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

Mr. Steynen will be defending his thesis entitled:

“The Consequences of Forest-Dependence for the Economic Growth and Socioeconomic Development of Houston, British Columbia”

Supervisor: Dr. **Greg Halseth**

Date: April 23, 2010

Time: 1:00 pm

Room: Room Senate Chambers

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

The **2nd Annual UNBC TWS Quiz Bowl** will be held on **Friday, March 26th** at **7:00 pm** in Room 8-164. This popular event is open to any undergraduate or graduate student. Please see <http://tws.unbc.ca> for more information, and email michael@unbc.ca if you would like to be a member of a team!

CONGRATULATIONS

To **Pat Maher** who has been selected for the 2010 Robert W. Tait teaching lecture. The lecture will be given in the near future.

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

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