



NRES WEEKLY NEWS

February 14 - 18, 2011

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

NRESI RESEARCH COLLOQUIUM SERIES

February 11, 2011

Chief Roland Willson West Moberly First Nations
**“I Want to Eat Caribou Before I Die”:
A Community’s Struggle to
Protect the Last 11 Caribou from a Coal Mine**

Our Elders passed a traditional law to protect caribou as a result of the impacts from the W.A.C. Bennett hydroelectric dam and the foreseeable impacts from industrial activities. Since this conservation measure was implemented our hunters have refrained from harvesting caribou in accordance to the Dunne-za traditional seasonal round. Nearly a half-century later, Canada passed a similar law: the Species at Risk Act. It defined caribou as a “threatened” species, which means a recovery plan is to be implemented no later than 2007. In this presentation, I will discuss the significance of caribou to my people, the Provincial Government of British Columbia’s approach to allow mining, oil & gas, and windfarms to destroy critical habitat and its refusal to implement a recovery plan, and my community’s legal battle to try and protect the species from extinction.



February 11, 2011

3:30 - 4:30 pm

Lecture Theatre 7-150

February 25, 2011

Ken Otter PhD Associate Professor, ESM
**Assessing the Conflict between Bird Migration and Wind
Development in the BC Rockies**

Since the late 1990s, BC’s hydro-based energy production has not kept pace with demand, and the province has been exploring alternate means of energy generation. The lower Peace Region in north-eastern BC in particular is heavily prospected for wind development. However, these foothills in the eastern Rockies lie along significant animal migration corridors and the mountainous topography of the region has the potential to funnel migrating birds into the same landscapes where wind turbines are proposed. I will be presenting data from both radar and visual tracking on bird movement through the Dokie Wind Development near Moberly Lake, and how an understanding of movement patterns helps assess the potential for conflict at this and other installations.



February 25, 2011

3:30 - 4:30 pm

Lecture Theatre 7-150

For Elluminate information and link to the webcast: http://www.unbc.ca/nres/nresi_webcast.html
For a list of upcoming seminars: <http://www.unbc.ca/nres/seminar/>

March 3, 2011

SPECIAL RESEARCH COLLOQUIUM SERIES

**Sponsored by the UNBC Fish & Wildlife
Student Chapter of TWS**

Dr. Helen Schwantje

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

**“Zoonotic Wildlife Disease, or
Would You Eat This?”**



This talk will be an overview of common and not so common diseases and parasites of BC wild animals that are potentially capable of infecting people. No snacks will be provided but be prepared for thrilling and realistic photographs!

When: Thursday, March 3rd at 7:00 pm

Where: 7-238

PUBLICATIONS

- Acosta, J.A., A. Faz, S. Martínez-Martínez and **J.M. Arocena** 2011. Enrichment of metals in soils subjected to different land uses in a typical Mediterranean environment (Murcia City, southeast Spain) *Applied Geochemistry* 26:405–414
- Acosta, J.A., S. Martínez-Martínez, A. Faz and **J.M. Arocena** 2011. Accumulations of major and trace elements in particle size fractions of soils on eight different parent materials. *Geoderma* 161:30–42
- Gunn, A., **Johnson, C.J.**, Nishi, J., Daniel, C.J., Russell, D.E., Carlson, M., and Adamczewski, J.Z. 2011. Addressing cumulative effects in the Canadian Central Arctic – Understanding the impacts of human activities on barren-ground caribou. In P. Krausman, and L. Harris, editors. *Cumulative Effects in Wildlife Management: Impact Mitigation*. CRC Press.
- Johnson, C.J.** 2011. Regulating and planning for cumulative effects – The Canadian experience. In P. Krausman, and L. Harris, editors. *Cumulative Effects in Wildlife Management: Impact Mitigation*. CRC Press.
- Stevenson, S.K.**, H.M. Armleder, A. Arsenault, **D. Coxson**, S.C. DeLong, and M. Jull. 2011. British Columbia's Inland Rainforest: Ecology, Conservation, and Management. UBC Press, Vancouver, BC. (Includes sections by **A. Fredeen**, **P. Sanborn**, and **J. Shultis**.)

FOR YOUR INFORMATION:

There will be no newsletter covering the news of the reading break week.

We're on the web at : 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: [Jutta Koehler: koehlerj@unbc.ca](mailto:Jutta.Koehler@unbc.ca)