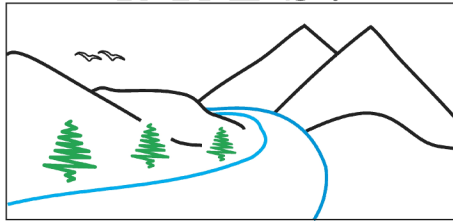


NRESi



"Our environment is our future"

For Collaborate information and to link to the webcast: http://www.unbc.ca/nres/nresi_webcast.html

RESEARCH COLLOQUIUM SERIES

Dr. Alexander Lautensach
UNBC School of Education



Friday
Oct. 17, 2014

3:30 - 4:25

Weldwood Theater
7-238

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TEACHING SCIENTIFIC LITERACY FOR SUSTAINABLE NATURAL RESOURCE MANAGEMENT

At this stage of human history, the sustainable management of natural resources has become a critical requirement for a secure future. The issue is confounded by disagreements about what constitutes a resource and its sustainable management. The widespread absence of sustainable behaviour and the resulting global environmental crises are making the urgency of the problem abundantly clear. From a scientific perspective, the strategic objectives for the transition to sustainable management are well understood. The lack of progress is caused rather, by widespread scientific illiteracy, cognitive bias, moral ineptitudes and mental habits that prevent many people, including political leaders, from following through in terms of crucial behaviour changes. Those obstacles can be mitigated through a multi-targeted educational effort, including a diverse range of learning outcomes under the concept of scientific literacy. At the centre of this educational effort is the destabilisation of two guiding myths that have supported unsustainable behaviour and management policies – perpetual growth and human exceptionalism - and their replacement with something better: a scientifically informed ethic that can turn into a smooth transition what might otherwise become a very bumpy ride for humanity.