



"Our environment is our future"

## RESEARCH COLLOQUIUM SERIES

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**Friday**  
**Oct. 24, 2014**

**3:30 - 4:25**

**Weldwood Theater**  
**7-238**

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## PACIFIC INSTITUTE FOR CLIMATE SOLUTIONS (PICS) AT UNBC: RESEARCH CHALLENGES, OPPORTUNITIES AND EXAMPLES FOR NORTHERN BC

Rising greenhouse gases (GHGs) are linked to changes in global climate, vegetation, ocean acidification, and a host of other phenomena. These alterations in the global system are already affecting human processes such as agriculture, energy production, forestry, and others. The Pacific Institute for Climate Solutions (PICS), founded on a one-time endowment from the province of BC, was created to provide policy and technology solutions for rising GHGs and their effects on systems in BC and elsewhere. Solutions sought by PICS are of two types, those that would mitigate human-induced GHG additions or their effects, and those that would help us adapt when mitigation is not achieved or achievable. We will be talking primarily about the PICS research program (it also performs outreach and education), focusing on the challenges and opportunities of PICS-funded research and some examples of PICS research programs that are of particular importance to northern BC. The greatest amount of time will be spent addressing one of these programs, that relating to the interactions and intersections between climate, forests, forest carbon, and forest management.