

Public Presentation – Terrace Campus

Wednesday, September 26th 12:00 pm – 1:00 pm

This session will also be available via livestream: <http://www.unbc.ca/northwest/livestream>

Atmospheric Quality and Industrialization of the Terrace-Kitimat Valley

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The Terrace-Kitimat corridor is poised for expansion of natural resource processing and export facilities – for example, Liquefied Natural Gas (LNG) and bitumen refining plants. Increased deposition of sulphur- and nitrogen-containing compounds may acidify soils and water bodies. Current and future contaminant concentrations need to be adequately quantified and characterized, but area-wide information on air quality is limited by a low number of continuous monitoring stations. Modelling tools are now available that can integrate time- and space-varying emissions with meteorology, and can resolve the complex chemistry of multiple pollutants. These tools are being implemented for projecting air quality and acid deposition effects of emission scenarios for the Terrace-Kitimat valley.

