

GEOG 290

Climate Change in the Circumpolar World

Climate change is a critical topic for the North. Once again, Yukon College is offering a course on Climate Change in the Circumpolar World.

The 3-credit course, GEOG 290, looks at the science and local knowledge of climate, where we are coming from and where we are going. It examines the impacts of a warming globe on the North and how the North feeds back to the entire planet. The course addresses responses to climate change from adaptation to mitigation and from the personal to the political.

Climate change is cross cutting and this course is ideally suited for decision makers, resource people and researchers who need a clearer understanding of this crucial topic.

Course outline

- Climate change science and local knowledge (paleoclimate, climate drivers, greenhouse effect, carbon cycle, climate projections)
- Climate change impacts (physical impacts, ecological impacts, impacts to the human world, feedback loops)
- Adaptation (historical adaptation, resource sector, regional adaptation, critical infrastructure)
- Mitigation (reducing greenhouse gases e.g. conservation, efficiency, alternate energy; increasing carbon sinks)
- Policy (shifting the energy economy, media and the public, political responses internationally and locally across the North, growth of the Arctic as a geopolitical region)

Date/Time	Tuesday eve 7-10 pm starting Jan 05 to mid-April 2010
Instructor	John Streicker
Location	Yukon College Main Campus room A2603
Tuition	\$225
More Info	Louis Schilder 668-8865 or lschilder@yukoncollege.yk.ca