

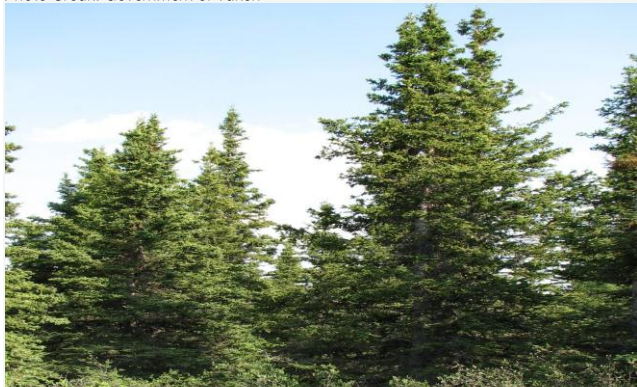
Forest Vulnerabilities

Examining forest vulnerabilities to climate change and developing resilience enhancement strategies through long-term community partnerships in Yukon

CONTEXT

Climate change has been documented as having multiple ecological and economic impacts on northern forests and communities. This study builds on previous research done on impacts of climate variation on Yukon's forests and it was determined that communities are likely to face unique ecological and social challenges.

Photo Credit: Government of Yukon



OBJECTIVE

Through community-based research, this project will develop a better understanding of forest vulnerabilities in Teslin and potential adaptation opportunities.

APPROACH

Teslin community members will be central in the design of research objectives and methodologies. Information will be gathered through 'sharing circles', polling technology, fieldtrips and attendance at local events, followed by workshops and open-houses.

Community economic, social, and cultural interests will determine which forest areas and research methods will be focused upon. Possibilities include computer mapping, tree-ring dating and determining standards for the community to continually monitor the impacts of climate change on local forests. Another priority of this project is the engagement of local youth.

EXPECTED RESULTS

Information generated from this study will inform local planning, policy, and management practices through:

- Adaptation strategies to deal with climate change;
- A framework for community engagement to use in other communities;
- New partnerships and economic possibilities for Teslin.

Significance

This project will demonstrate how forest management practices geared toward adaptation to climate change can be influenced by community values.

Partners

- Arctic Institute for Community-Based Research
- Teslin Renewable Resource Council
- Teslin Tlingit Government
- University of Northern British Columbia
- Aboriginal Affairs and Northern Development Canada

FOR MORE INFO

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