

Tracking Change... Youth Knowledge Fair

Tracking Change... Local and Traditional Knowledge in Watershed Governance

Feb 16, 2016

Background Information and Request for Expressions of Interest for the Tracking Change... 2016 Youth Knowledge Fair Edmonton Alberta (May 23-26, 2016)

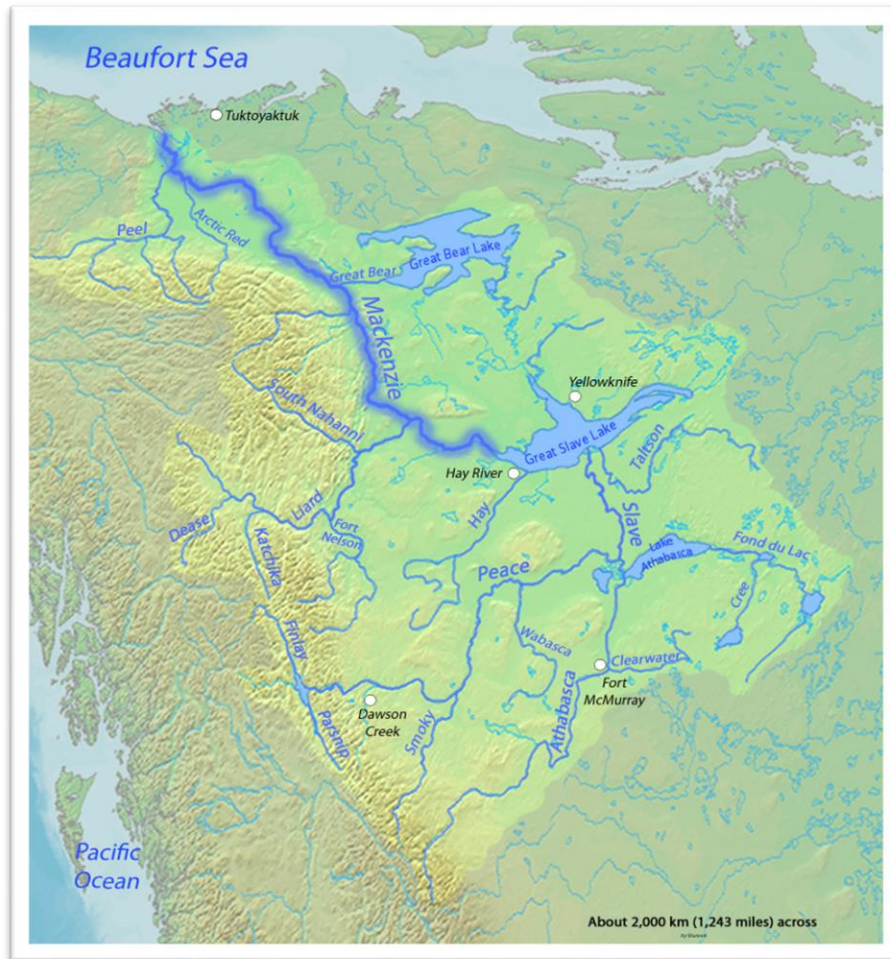
The University of Alberta, the Mackenzie River Basin Board, the Government of the Northwest Territories (GNWT) and many other Aboriginal governments and organizations and universities in Canada and internationally are working together on a 6-year, \$2.5 million dollar research initiative called '*Tracking Change – Local and Traditional Knowledge in Watershed Governance*'. One of the first events will be a 'Youth Knowledge Fair'. Much like a traditional science fair, this event will bring together students from across the Mackenzie River Basin to showcase projects that draw on traditional and local knowledge from their communities. The project team is seeking Expressions of Interest from schools and/or students who may wish to participate in this exciting event. A detailed outline of the **Tracking Change...** project and the Knowledge Fair are described below.

Background: The **Tracking Change...** project developed in recognition that many peoples in the Mackenzie River Basin, particularly Indigenous peoples, have valuable insights about the social and environmental sustainability of the Basin. Many land users (hunters, fishers, berry harvesters etc.) have been observing and experiencing what is going on with the land, water, fish, geese/ducks, wildlife in the same way, using the same signs/signals for many generations. Such tracking of change has been more than a technical process of monitoring; people watch, listen, learn and communicate about change because they care about the health of the land and the health of their communities. While much of this knowledge is based on sacred oral traditions, there is a growing need to bring this knowledge forward to ensure the continued health and sustainability of the Mackenzie River Basin. **Tracking Change...** provides the Traditional Knowledge and Strengthening Partnerships Steering Committee of the Mackenzie River Basin Board, communities, GNWT, co-management boards, NGOs, and other partners an opportunity to work together to learn more from land user observations, experiences, and oral histories about many kinds of ecological and related socio-economic and cultural change. Many previous studies were very local in nature and not linked to other research in other areas. Today, efforts to develop a broader, regional perspective are being facilitated through the efforts of co-management boards, regional organizations as a result of land claim settlements and related legislation (e.g., the *Mackenzie*

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Valley Resource Management Act). Research is already being undertaken in some areas, but many communities do not have the resources to document their local and traditional knowledge (LTK) in ways that will contribute to watershed policy at regional, provincial/territorial and federal levels. Through this study, we hope to network with existing projects in the Basin, assist some communities in doing studies specific to their regions, as well as facilitate a coordinated LTK study across the whole basin.

Why: Partners and collaborators involved in *Tracking Change...* identified the importance of engaging youth in all aspects of our research project including the definition of research priorities and key issues for study. Some of the youth/young adults involved in the project will be graduate students from different universities. But given that post-secondary enrollment in the north is low, finding ways to engage with students at the junior and high school level is also a key priority. Through the Knowledge Fair, they can learn more about research, science and gain exposure to a university environment. The project also anticipates involving youth in other activities throughout the life of the project (e.g, participating as youth ambassadors at on-the-land research, working as assistants on projects to document traditional knowledge, contributing to project outreach through social media, etc.). But we can also learn from youth; they are our future leaders and their ideas matter! It is anticipated that outcomes from the student projects could help to identify key areas for future research to support the goals of *Tracking Change...*



Where/When: The event will be held May 23-26, 2016, in Edmonton, Alberta at the University of Alberta and the *Telus World of Science*.

Planning for the **Tracking Change Youth Knowledge Fair** is underway. The format of the fair builds on a successful pilot project held in 2015 as part of the *International Association for the Study of the Commons (IASC) Global Conference*.

iasc2015.org At this event, we hosted 60 students from 7 communities from northern Alberta with

support from Treaty 8 First Nations of Alberta, the Social Sciences and Humanities Research Council of Canada, and the University of Alberta. More details about the pilot event are available at: <http://www.iasc2015.org/indigenous-youth-science-fair.html>

Objectives of the Youth Knowledge Fair

The project aims to document new knowledge through community-based and regional research projects. The sharing of knowledge among partner organizations and representatives of communities throughout the basin is critical to the project. Among the knowledge sharing activities in 2016 is a Youth Knowledge Fair that will bring together youth from the various jurisdictions of the Mackenzie River Basin, including the Northwest Territories. The objectives of the knowledge fair are to:

- Create opportunities for junior high and high school aged youth to **connect with each other** in Edmonton for three days of educational activities including knowledge sharing activities, educational workshops, keynote presentations from inspirational youth and Aboriginal leaders, tours of the University of Alberta, excursions to the

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Telus World of Science and other places of interest;

- Support students to **learn about their own histories, ecosystems and communities** from elders and their communities and through their schools through submissions of poster projects;
- Provide students an opportunity to learn from their peers from other communities and jurisdictions, and from students at post-secondary institutions as mentors; we hope the students will develop lasting relationships that will nurture their future aspirations; and
- Encourage the **development of research and written/oral communication skills** by through a poster project related to the health of water, fish, fishing livelihoods and well-being of communities in the Mackenzie River Basin.

Project team members will be available to provide guidance to selected students on their project development. The Department of Environment and Natural Resources also has some GoPros available for student use if needed. This event complements the existing school curriculum, including Experiential Science 20 and 30.

Who can apply to attend? The Youth Knowledge Fair is open to applications from junior/high school groups and individual students from the five provincial and territorial jurisdictions of the Mackenzie River Basin. Our aim is to host between 25-100 students from Grades 7-10. Specifically, the project can support 7 students from the NWT to attend. The event will be held over three days. Accommodation will be available at the Lister Hall Conference Centre and student residence at the University of Alberta main campus (Edmonton) with events being held both at the University of Alberta and at the *Telus World of Science*.

To learn more visit our website:

www.trackingchange.ca

For more information, please contact:

Dr. Brenda Parlee, Principal Investigator

University of Alberta

trackingchange@ualberta.ca

or

Dr. Jennifer Fresque Baxter, Watershed Management Advisor

Environment and Natural Resources, Government of the Northwest Territories

jennifer_fresque-baxter@gov.nt.ca

or

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Mr. Don Pittman, Executive Director
Mackenzie River Basin Board Secretariat
Don.Pittman@canada.ca
or

Ms. Elaine Maloney, Knowledge Mobilization Manager
Tracking Change Project
Elmaloney2015@gmail.com



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