

trackingchange

Local and Traditional Knowledge in Watershed Governance

Youth Knowledge Fair, May 2016
University of Alberta, Edmonton



DATES TO REMEMBER

December 31, 2016

Reports from
Community Projects
are Due!

February 2017

Project meeting in
Ubon Ratchathani, Thailand



More than 40 youth from every jurisdiction of the Mackenzie River Basin participated in the Tracking Change Youth Knowledge Fair in May 2016 to learn from each other and share perspectives on different environmental issues in the basin...

Tracking Change... is investing in the development of research skills, knowledge sharing and relationship building between the next generation of local and traditional knowledge holders in the Mackenzie River Basin. Let us know if you think we should hold another youth knowledge fair in 2017...



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What makes the northern lights pink, purple and green? Ask an elder or ask a scientist at the *Telus World of Science*

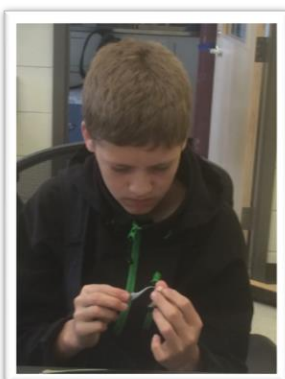


How healthy is this fish? Dr. Mark Poesch from the Faculty of Agricultural, Life & Environmental Sciences gave the kids a chance to get their hands dirty by aging fish from the arctic!



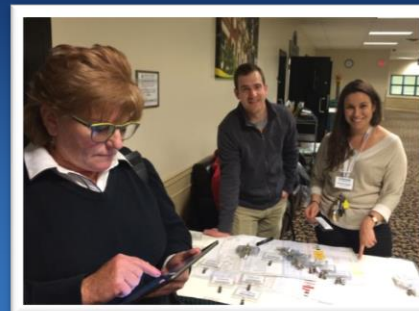
A special thanks to the *Telus World of Science*, the Faculty of Agricultural, Life & Environmental

Sciences, the Faculty of Native Studies, the Office of the Provost, University of Alberta U-School, Dr. Mark Poesch and his staff, the Art Gallery of Alberta, the Government of the Northwest Territories and the Mackenzie River Basin Board for all their contributions to the success of the Youth Knowledge Fair!



Two Thumbs Up! Thanks to the all of the great chaperones who participated.

Special thanks to the awesome Elaine Maloney, Victoria Zeppa, Fabiola Lopez, Kostas Koukouzikis and their group of volunteers!



Who was involved and Why?

Objectives of the Youth Knowledge Fair:

The event brought together youth from the various jurisdictions of the Mackenzie River Basin. The objectives were 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;
- 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; 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.



The quality of the students' work was impressive. A panel of judges reviewed the posters and evaluated the students' oral presentations. Awards were given out on the last day of the event. The posters will be reproduced in a report booklet (proceedings) of the event and added to the website.



Poster Contributions:

- *"Tazi twe Hydroelectric Project," Marie Rosalie Bruno from Black Lake School, Father Porte Memorial Dene*
- *"Trout" by Randon John Cook from Black Lake School, Father Porte Memorial Dene*
- *"The Mackenzie River Watershed: Our Water is the Boss," by Kennedy Marten and Mahailla Frank-Powder from Athabasca Delta Community School, Fort Chipewyan, AB*
- *"Lakes and Rivers in the Athabasca River," by Michael Boudreau and Raymond Cardinal from Athabasca Delta Community School, Fort Chipewyan, AB*
- *"Why is there oil in the Water?" by Jaiden Cypien and Tyson Cardinal from Athabasca Delta Community School, Fort Chipewyan, AB*
- *"Water Pollution: Canada's Toxic Tar Sands," by Shauntay Antoine and Alissa Castor from Athabasca Delta Community School, Fort Chipewyan, AB*
- *"Which Fish are Best to Eat?" by Sam Bunning from Chief Tallcree High School, Fort Vermillion, AB*
- *"How Nutrient Rich is Our Water," by Dana Auger from Chief Tallcree High School, Fort Vermillion, AB*
- *"Sustainable Water and Unsustainable Water," by Tyrell Fern and Josh Piche from Fond du Lac, SK*
- *"The Mackenzie River Basin: Sub-basins before and after," by Emma Tom Tom from Robert Service School, Dawson City, YT*
- *"Fish in the Mackenzie River," by Mataya Mantla from Chief Albert Wright School, Tulita, NWT*
- *"Changes in the Water Level in the Mackenzie River," by Rylan Campbell from Chief Albert Wright School, Tulita, NWT*
- *"Quietus of Adam's Ale: Current and Future State of the Mackenzie River Basin," by Shaznay Waugh from Thomas Simpson School, Fort Simpson, NWT*
- *"Fish Species and Migration Routes in the Mackenzie River," by SaNaeah Allen from Thomas Simpson School, Fort Simpson, NWT*
- *"Mackenzie River Basin," by Lane Voudrach from East Three Secondary School, Inuvik, NWT*
- *"Testing the Water," by Trya Cockney-Goose from East Three Secondary School, Inuvik, NWT*
- *"Deh Cho," by Cassidy Villeneuve and Paul William from Paul W. Kaeser Secondary School, Fort Smith, NWT*
- *"The Mackenzie River," by Faith Gaudet from Paul W. Kaeser Secondary School, Fort Smith, NWT*
- *"Fishing Without a Hook," by Cheyenne Hoagak from Mackenzie Mountain School, Norman Wells, NWT*
- *"Water Heart-Tudze," by Emily Bayha from Mackenzie Mountain School, Norman Wells, NWT*
- *"A Fishy Situation: The Mackenzie River Basin – Theme: Historical and contemporary observations and perception of conditions and change in the health of the aquatic environment," by Branda Le and Taylor Lake, from Ecole Sir John Franklin High School, Yellowknife, NWT*

Gwich'in Renewable Resources Board
Keepers of the Athabasca
Mikisew Cree First Nation
Prince Albert Grand Council
Sahtu Renewable Resources Board
Saskatchewan Water Security Agency
Treaty 8 First Nations of Alberta
Treaty 8 Tribal Council of British Columbia

Participating Schools

- **Ecole Sir John Franklin High School**, Yellowknife, NWT
- **Thomas Simpson School**, Fort Simpson, NWT
- **Mackenzie Mountain School**, Norman Wells, NWT
- **Paul W. Kaeser Secondary School**, Fort Smith, NWT
- **East Three Secondary School**, Inuvik, NWT
- **Chief Albert Wright School**, Tulita, NWT
- **Robert Service School**, Dawson, YT
- **Chief Tallcree High School**, Fort Vermillion, AB
- **Athabasca Delta Community School**, Fort Chipewyan, AB
- **Black Lake School**, Fr. Porte Memorial Dene, Black Lake, SK
- **Fond du Lac**, Fond du Lac, SK
- **Fort Nelson Secondary School**, Fort Nelson, British Columbia

For More information visit our website:

www.trackingchange.ca

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**Mackenzie River Basin Board Traditional
Knowledge Steering Committee**

Mackenzie River Basin Board Secretariat

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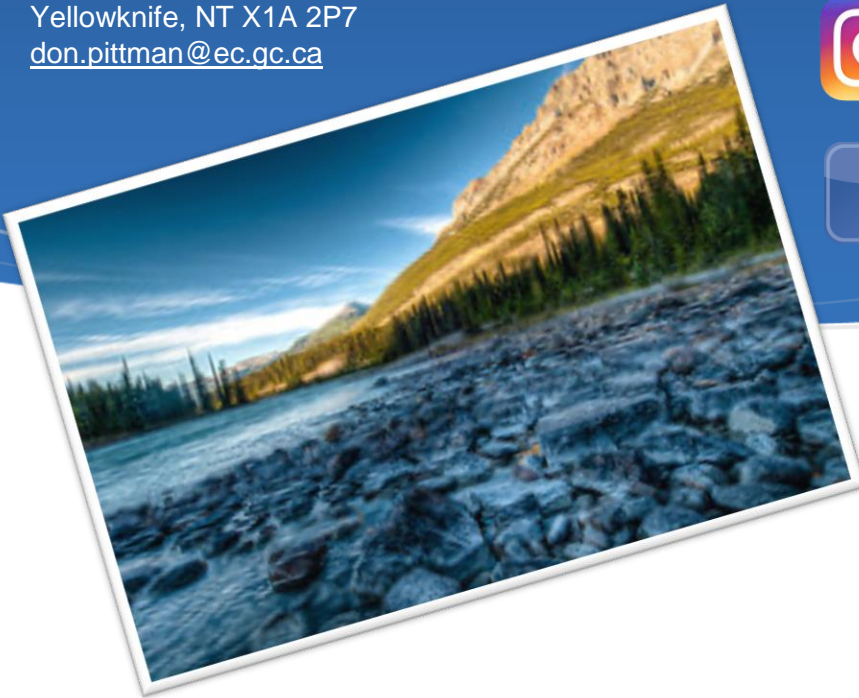
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More details and updates
about project funding,
research news and team
members are on our
website trackingchange.ca

For more information about the

**Tracking Change...
Youth Knowledge Fair**

or to request information about upcoming
events of Tracking Change...

Please contact:

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PHOTO CREDITS:

*Front / Back Cover:
Watching the
Athabasca
River – (Photo
by Brian Uhreen)*

Photos from Youth Knowledge Fair