

Tracking Change...

Review of 2016-17 Annual Report

Sept 20-21 2017 Webinar



Fishers have been tracking change in the same places, in the same ways, using the same signs & signals for many generations. Such traditional knowledge is key to our understanding of many kinds of issues resulting from resource development, climate change and other land uses... people watch, listen, learn and communicate about change because they care about the health of the land and the health of their communities.



Tracking Change... will support Indigenous communities seeking to document and share their Local and Traditional Knowledge at local scales and across the Mackenzie River Basin.

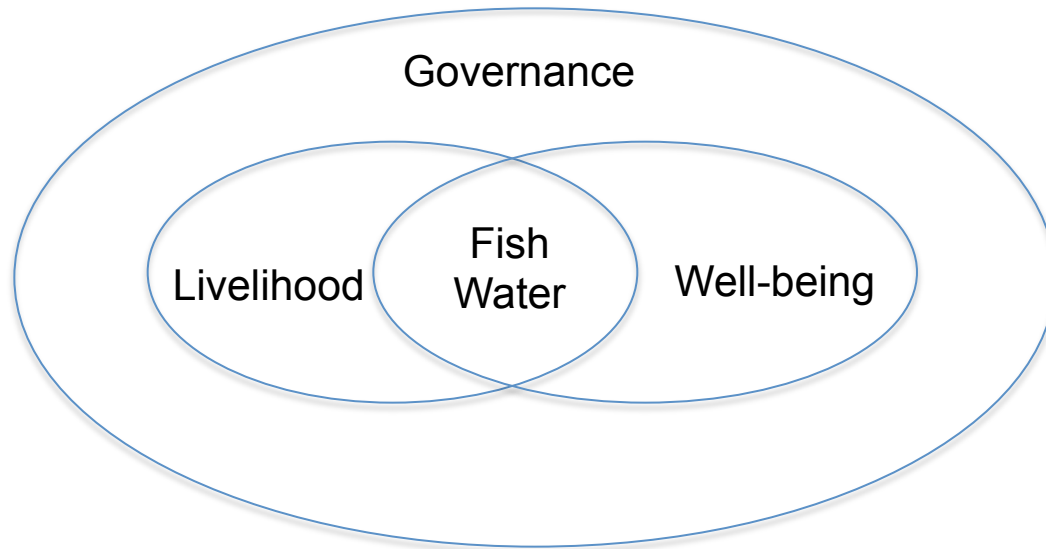


What are the mechanisms and pathways by which such LTK can contribute to governance of the Mackenzie River Basin?

What are the key outcomes that the MRBB hopes to see in 2016? What are the outcomes needed by 2022?

Goal and Objectives

- The goal is to determine and demonstrate the importance of local and traditional knowledge (LTK) to our understanding of social and ecological change in the Mackenzie River Basin and contribute to regional, territorial/provincial and federal decisions about its continued sustainability.



Peel

Mackenzie-Great Bear

Great Slave

Liard

Peace

Athabasca

2016-17

11 projects @\$25000/
each Mackenzie Basin
= \$275000



Governance



- 12 gatherings within the Mackenzie sub-basins;
- Mackenzie River Basin Board Traditional Knowledge Steering Committee Meetings (4);
- Meetings of the Sub-Basin Research Leads (4);
- Global Gatherings (1);

Graduate Students 2016-2017

	Number of Canadian and permanent residents	Number of foreign	Number of Canadian and permanent residents	Number of foreign
Undergraduate students				
Master's students		3	7	1
Doctoral students			1	2

University of Victoria (1)
University of Alberta (6)
Royal Roads University (1)
University of Saskatchewan -
University of Ottawa (1)
University of Wisconsin, Madison (1)
Ubon Ratchathani University (2)
Universidade Federal do Rio Grande do Sul (1)
Universidade Federal do Rio Grande do Norte (1)

Graduate Student	Project Name
Johnson, Johanne (S. Jobin, UAlberta) Prince Albert Grand Council	Local and Traditional Knowledge in the Watershed Social Economy of Saskatchewan's Athabasca Basin Region
Martin, Chelsea (B. Parlee, UAlberta) Sahtu Renewable Resources Board	Sahtu Goti'ine Traditional Knowledge: The Impact of Climate Change on Fishing Livelihoods
*Oloriz, Carrie (B. Parlee, Royal Roads) Stó:lō First Nation / Ubon Ratchathani University	Local Fishers Knowledge, Cultural Values and Governance in the Lower Mekong (Thailand) and Lower Fraser River (Canada)
Proverbs, Tracy (T. Lantz, UVictoria) Gwich'in Renewable Resources Board	Cumulative Environmental Impacts on the Cultural Landscape in the Gwich'in Settlement Area
*Spicer, Neal (B. Parlee, UAlberta) Treaty 8 First Nations of Alberta, K'atl'odeeche First Nation	Risk Perception and Drinking Water in First Nations Communities, K'atl'odeeche First Nation and Dene Tha' First Nations
D'Souza, Amabel (BParlee, UAlberta) Ubon Ratchathani University	The Impact of Hydroelectric Development on Rural Communities near the Pak Mun River Dam

Graduate Student	Project Name
*Hallwass, Gustavo (Post Doctoral Fellow (Rsilvano, UFRGS))	-
*Tavares de Freitas, Carolina (PLopes, UFRGN)	The Arapaima (Arapaima spp.) fishery in the Amazon Region
Bukla, Phongthep (KManolom, UBU Thailand)	Fishery Resources and Knowledge Management Through Empowerment of Local Wisdom in the Mun and Mekong Rivers
Wongpinit , Wanapa (KManolom, UBU Thailand)	Gender and Indigenous Knowledge on Fisheries in the Mun River and Si Phan Don in Southern Laos
*Soukhaphon, Akarath (IBaird, University of Wisconsin, Madison)	-
Wray, Kristine (B. Parlee, UAlberta) Akaitcho Territory Government	- Indigenous Knowledge in the Co-management of the Great Slave Lake Commercial Fishery
Heredia, Iria (SWesche, UOttawa) Inuvialuit Regional Council	Local and Traditional Knowledge Indicators for Tracking Socio- Ecological Changes in Inuvialuit Fishing Livelihoods

Knowledge Mobilization

- Oral traditions and experiential learning through on-the-land fish camps, canoe trips and gatherings
 - Community meetings
 - Community research reports (12)
 - Community synthesis report (1)
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- Website: www.trackingchange.ca
- “Tracking Change” – biweekly email updates
- Newsletters
- Webinars (2)
- Tracking Change Global Knowledge Symposium
- Tracking Change Youth Knowledge Fair
- Video Project (Forthcoming)
- Academic Publications (7 in progress)
- Theses Completed (13 in progress)

Knowledge Mobilization

Products	No.	
	Developed	Planned
Presentations	20	
Interviews (broadcast or text)		
Peer-reviewed journal articles (open access)		
Peer-reviewed journal articles (subscription based)		7
Edited journal issues		
Books (including edited books)		1
Book chapters		
Entries (dictionary and encyclopedia)		
Conference publications	1	1
Articles in popular media	3	1
Reports, briefs, and other forms of grey literature	20	1
Artistic performances		

Budget

Monies Expended from SSHRC Partnership Grant to Date:

- Student Salaries
- Travel
- Technical Support
- Publication Costs
- Materials and Supplies

Additional Monies Raised in 2016-2017

- \$150000 – GNWT
- \$ 25000 – SSHRC Connections Grant
- \$ 200000+ – Calculated Inkind Contributions

Monies Remaining for 2018-2021

Emerging Plans and Challenges Ahead

- Academic Publications
- Student Thesis Project – Completion Dates
- More focused Indicators and Methods for Tracking Change
- Identifying funds for additional community projects
- Recommendations and Policy Outcomes

Tracking Change...

Local and Traditional Knowledge in Watershed Governance

Arctic Borderlands Knowledge Coop
Athabasca Chipewyan First Nation
Federal University of Rio Grande do Norte
First Nations Technical Services Advisory Group
Inuvialuit - Fisheries Joint Management Committee
Government of the Northwest Territories
Gwich'in Renewable Resources Board
Keepers of the Athabasca

Mikisew Cree First Nation GIR
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
Universidade Federal do Rio Grande do Sul
University of Wisconsin – Madison

Derek Armitage, University of Waterloo
Ian Baird, University of Wisconsin – Madison
Fikret Berkes, University of Manitoba
Ellen Bielawski, University of Alberta, Yukon College
Jennifer Fresque-Baxter, GNWT
Chris Furgal, Trent University
Lars Hallstrom . University of Alberta
Henry Huntington, Huntington Consulting
Shalene Jobin, University of Alberta
Erin Kelly, Government of the Northwest Territories
Trevor Lantz, University of Victoria
Melissa Marschke, University of Ottawa
Priscila Macedo Lopes, Universidade Federal do Rio Grande Norte

Kankowan Manoram, Ubon Ratchathani University
Val Napoleon, University of Victoria
David Natcher, University of Saskatchewan
Mark Nuttall, University of Alberta
John Parkins, University of Alberta
Don Pittman, Mackenzie River Basin Board Secretariat
Sean Robertson, University of Alberta
Renato Silvano, Universidade Federal Do Rio Grande Do Sul
Chris Southcott, Lakehead University
Brent Swallow, University of Alberta
Sonia Wesche, University of Ottawa
Bruno Wichmann, University of Alberta



Social Sciences and Humanities
Research Council of Canada

Conseil de recherches en
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 **UNIVERSITY OF ALBERTA**
DEPARTMENT OF RESOURCE ECONOMICS
AND ENVIRONMENTAL SOCIOLOGY



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