

Field	Response
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1. Contact Information Phone	306-966-5553
2. Please indicate the alignment of your research expertise to one or more of the following GWF objectives/ deliverables:	Inform adaptation to change and risk management – propose governance mechanisms, management strategies, and policy tools to reduce the risk of water threats, design adaptive strategies, and enhance economic opportunities
3.1 Please indicate the alignment of your research expertise to the GWF Science Pillar 1 – Diagnosing and Predicting Change in Cold Regions:	Water and Health – determine how changes to climate, extreme events, hydrology and water quality will affect human health in urban, rural and Indigenous communities
3.2 Please indicate the alignment of your research expertise to the GWF Science Pillar 2 – Developing Big Data and Decision Support Systems:	
3.3 Please indicate the alignment of your research expertise to the GWF Science Pillar 3 – Designing User Solutions:	Urban and Rural Communities Indigenous Communities Government and Governance

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4. Please indicate the alignment of your research expertise to one or more of the following user needs:	<p>Knowledge mobilization for decision support, including the facilitation of communities of practice, stakeholder engagement with science, visualization and Decision Theatres, development of place-based solutions for climate adaptation, and evidence-based decision making.</p> <p>Merging Indigenous traditional knowledge with science for more effective climate adaptation, risk management, water governance, and sustainable development. Studies of environmental change and long-term, generational impacts of economic development on First Nations ecosystems and water resources.</p>
5. Please list regions of Canada and the biomes (e.g. mountains, boreal forest, Great Lakes–St Lawrence), watersheds, and/or river basins where you are interested in conducting research for GWF:	<p>Saskatchewan, NWT South–North Saskatchewan River and SK Delta Qu'Appelle River System Slave River and Delta Peace–Athabasca Delta Potentially the Mackenzie River System</p>

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6. Please list any other expertise or recent experience (subjects, river basins, technology) not covered by above query that could help us in assessing your alignment with the GWF programme:

Member and Individual Expert for Husky TAN 16 Oil Spill (July 20, 2016) Consequence Management Science Committee– sets out the actions to be undertaken by Ministries and Agencies of the Saskatchewan Government that have a major role in responding to the incident and affecting the natural environment of the Province
Co–developed Community Based Monitoring Program (Slave River Watershed Environmental Effects Program).
Blending of Western Scientific Knowledge and Traditional Ecological Knowledge for purpose of monitoring cumulative effects – Ecosystem approach
Co–developed the Federation of Sovereign Indigenous Nations Safe Drinking Water Program
Co–developed Knowledge Mobilization tools – (blending Traditional Ecological Knowledge, Art and Science)
Over 15 years of Community Engaged Scholarship with Indigenous communities in area of water and health.