

Field	Response
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1. Contact Information   Phone	905 688 5550 x 3129
2. Please indicate the alignment of your research expertise to one or more of the following GWF objectives/ deliverables:	<p>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</p>
3.1 Please indicate the alignment of your research expertise to the GWF Science Pillar 1 – Diagnosing and Predicting Change in Cold Regions:	<p>Human–Water Systems – address the human dimensions that will determine water futures, including governance, policy, communities, border, and water resources management</p> <p>Water and Health – determine how changes to climate, extreme events, hydrology and water quality will affect human health in urban, rural and Indigenous communities</p>
3.2 Please indicate the alignment of your research expertise to the GWF Science Pillar 2 – Developing Big Data and Decision Support Systems:	<p>Decision Support Systems – predictive and diagnostic modelling system development and deployment for hydrology, water quality and water resources</p>
3.3 Please indicate the alignment of your research expertise to the GWF Science Pillar 3 – Designing User Solutions:	<p>Water Environment – ecosystem health and conservation, water management</p> <p>Other Industry – Including Insurance, Finance, Measurement and Engineering sectors</p> <p>Urban and Rural Communities</p> <p>Indigenous Communities</p>

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4. Please indicate the alignment of your research expertise to one or more of the following user needs:	<p>Complex system modeling and analyses reflect the growing awareness of interacting dynamics in human–natural coupled systems. These studies emphasize the inter–relationships between water resources and transportation systems, infrastructure, energy generation, mining, food production, and source water protection. 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>
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:	Great Lakes – St Lawrence
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:	<p>I have conducted three cross–Canada surveys (2004, 2009 and 2012) to find out Canadians' perceptions of water quality (including recycled waste water) and their willingness to pay for improved water quality (reduced adverse health impacts). I recently conducted a survey (2016) across Canada to elicit risk perceptions of urban–based floods and droughts (water scarcity), as well as willingness to pay to reduce risks of these events.</p>