

| Field | Response |
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| 1. Contact Information Name | Shannon Majowicz |
| 1. Contact Information Department | School of Public Health and Health Systems |
| 1. Contact Information Email | smajowicz@uwaterloo.ca |
| 1. Contact Information University | University of Waterloo |
| 1. Contact Information Personal Web Page | |
| 1. Contact Information Phone | |
| 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: | |

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| <p>4. Please indicate the alignment of your research expertise to one or more of the following user needs:</p> | <p>Risk reduction and analysis tools, including forecasts of floods, droughts, wildfires, and freezing rain (and other weather and climate extremes); water quality assessments; disease risk analyses; and integrated assessments. These tools alert industry and government to potential problems and allow cost/benefit analyses for potential risk mitigation.</p> <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>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> | |
| <p>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> | <p>Public health and waterborne disease</p> |