

Field	Response
1. Contact Information   Name	Tadeusz Gorecki
1. Contact Information   Department	Chemistry
1. Contact Information   Email	<a href="mailto:tgorecki@uwaterloo.ca">tgorecki@uwaterloo.ca</a>
1. Contact Information   University	University of Waterloo
1. Contact Information   Personal Web Page	<a href="http://www.science.uwaterloo.ca/~tgorecki/index.html">http://www.science.uwaterloo.ca/~tgorecki/index.html</a>
1. Contact Information   Phone	519 888 4567 x.35374
2. Please indicate the alignment of your research expertise to one or more of the following GWF objectives/ deliverables:	
3.1 Please indicate the alignment of your research expertise to the GWF Science Pillar 1 – Diagnosing and Predicting Change in Cold Regions:	
3.2 Please indicate the alignment of your research expertise to the GWF Science Pillar 2 – Developing Big Data and Decision Support Systems:	Big Data for Water – sensors, sensing, instrumented river basins, data analysis systems
3.3 Please indicate the alignment of your research expertise to the GWF Science Pillar 3 – Designing User Solutions:	Water Environment – ecosystem health and conservation, water management
4. Please indicate the alignment of your research expertise to one or more of the following user needs:	Projects to improve environmental monitoring, including sensors, drones, satellites, river basin observatories, lake buoys, software development, chemical fingerprinting, real-time monitoring, citizen science, and integration of Big Data platforms for Cold Region water science.
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

## Field

## Response

---

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:

Groundwater contamination with VOCs, extraction of VOCs from low permeability media, passive sampling, comprehensive multidimensional separations