

Northern Water Futures

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Northern
Water Futures

[www.northernwaterfutures.c](http://www.northernwaterfutures.ca)
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NWF Team

- 7 Universities
- 21 Researchers from the Natural, Health and Social Sciences
- Research collaborations with CFS, GSC, ECCC, various GNWT departments
- Research partners from four Indigenous communities, resource management boards, northern NGOs, industry
- Project manager: Meghan Brockington
- Project management committee

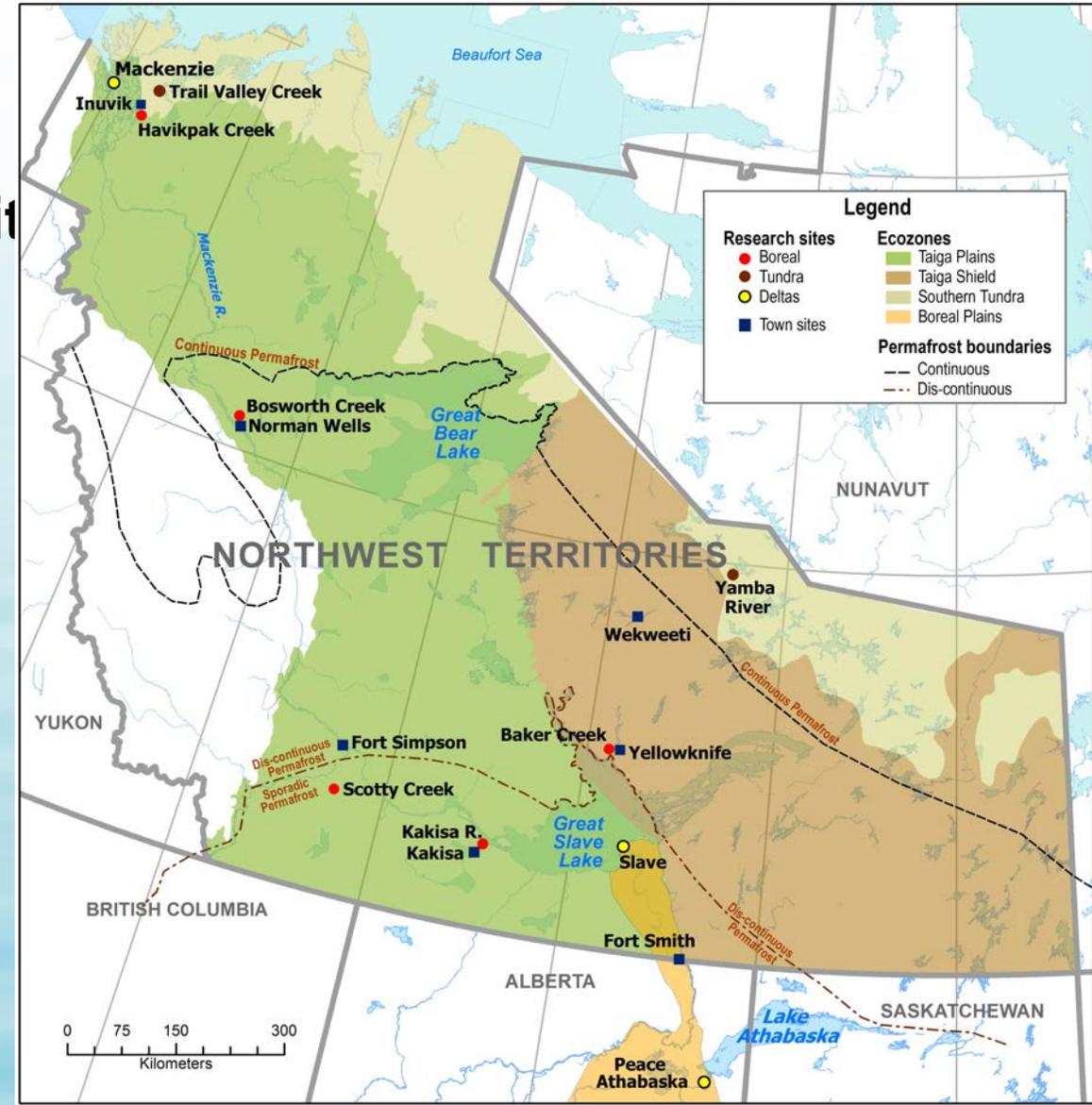


Research goals

O1: Northern water resources and security

Lead: Phil Marsh

- Expand capacity for research and monitoring in the NWT
- Improve the understanding of the long-term stability and resilience of ecosystems
- Transboundary water resource research



Research goals

O2: Integrated community and ecosystem research

Lead: Heidi Swanson

- Country/local food security
- Understand sustainability of fisheries
- Assess and predict food and drinking water safety
- Enhance harvester safety



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Research goals

O3: Energy security and impacts of industrial development

Lead: Dave Rudolph

- Implement baseline biophysical monitoring in the Sahtú
- Assess the viability of the biofuel industry in rapidly changing permafrost environments

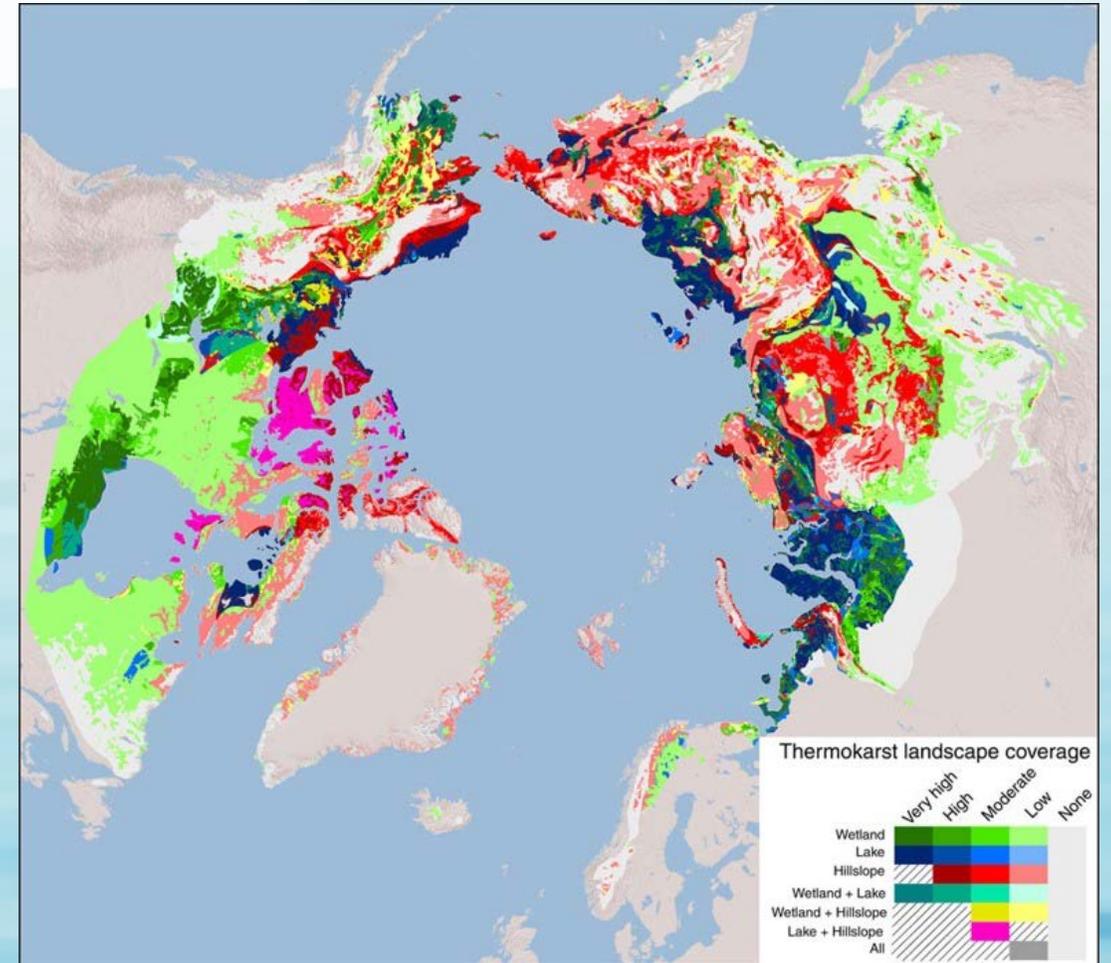


Research goals

O4: Impacts of climate warming on infrastructure

Lead: Merritt Turetsky

- Improve regional mapping of thermokarst hotspots across the NWT
- Improve security of hydrologically sensitive infrastructure



User engagement

- Quarterly NWF Newsletter – first one out!
- YK-based PDF (Anna Coles) and staffed YK office
- Regular reports at Laurier-GNWT Partnership Science Committee meetings
- User committee – to be developed



Knowledge mobilization

- Targeted user workshops
- On-the-land camps
 - Success in NSERC Promoscience to support camps in 3 different regions
- Plain language documents with region-appropriate translations
- Collaboration with Mackenzie Data Stream



HQP training

- Plain language writing workshop
- Northern community engagement and partnerships
- Cross-cultural and youth engagement session (Laurier Office of Indigenous Initiatives)
- Sessions around field safety (story swapping, technical workshops, etc.)
- R workshops
- Discipline-specific technical workshops



Thank you!

You can learn more about Northern Water Futures in lots of ways

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Email: info@northernwaterfutures.ca

Website: www.northernwaterfutures.ca

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