

# Hadleigh Thompson

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## Current Position

- **Research assistant, April 2019 - present.** Northern Hydrometeorology group, University of British Columbia, Prince George, BC (working for Dr Stephen Déry)

## Highlights of Qualifications and Skills

- Experienced in meteorological data collection and analysis
- Proficient at data analysis and numerical modelling primarily using Python, secondly using R, Matlab, and Excel. Experience using the Linux command line environment, various GIS programs, and all microsoft office applications
- 20+ years of working in a wide range of environmental conditions and remote locations

## Education

- **M.Sc. Natural resources and environmental studies, 2019.** University of Northern British Columbia, Prince George, BC. Masters thesis: Wind climatology of Quesnel Lake, British Columbia
- **B.Sc. Atmospheric science, 2016.** The university of British Columbia, Vancouver, BC
- **Canadian avalanche association, 2009 - 2012.** Avalanche operations level one (7 days); Basic and advanced weather for avalanche workers (5 days)

## Relevant Employment

- **Teaching assistant, 2017 - 2019.** ENSC 201 Weather and Climate (3 semesters), GEOG 210 Geomorphology (2 semesters). University of Northern British Columbia, Prince George, BC
- **Operations manager, 2010 - 2017 (summer).** Owl Rafting on the Ottawa River, Foresters Falls, Ontario
- **Guiding experience, 2005 -2010:**
  - **Hiking guide,** Collets Mountain Holidays, central Dolomites, Italy (2005-2006)
  - **Ski patrol,** Fernie Alpine Resort ski patrol, Fernie, BC (2007)
  - **Glacier guide,** Franz Josef Glacier Guides, New Zealand (2009)
  - **Tail guide (ski),** Mustang Powder Cats, Revelstoke, BC (2010)
- **Military combat and surgical medical technician, 1997 - 2003.** Royal New Zealand Army Medical Corps. Overseas United Nations peacekeeping and peace-monitoring deployments to East Timor (2001) and the Solomon Islands (2002)

## Academic distinctions

- **Winner: Best atmospheric science poster, \$1000.** Canadian Meteorological and Oceanographic society congress, Halifax, NS (June 2018)
- **Graduate conference award, \$1800.** To present at the Canadian Meteorological and Oceanographic society congress, Halifax, NS (June 2018)
- **Graduate research project award, \$4400.** University of Northern British Columbia (May 2018)
- **Graduate teaching excellence award, \$250.** University of Northern British Columbia (May 2018)
- **Graduate scholarship award, \$3500.** University of Northern British Columbia (June 2017)
- **Deans list (undergraduate level).** Thompson Rivers University (2014).

## Publications / Presentations

**Thompson, H. D.**, 2019. Wind climatology of Quesnel Lake, British Columbia. Master Thesis, University of Northern British Columbia, Prince George, BC

**Thompson, H. D.**, Jackson, P. L., Laval, B. E., and Déry, S. J., 2018. The climatology of seiche-inducing winds in a large intermontane lake: Quesnel Lake, British Columbia. Poster presentation, Canadian Meteorological and Oceanographic society congress, Halifax. NS

Hernández-Henríquez, M A., Sharma, A. R., Taylor, M., **Thompson, H. D.**, and Déry, S. J., 2018. The Cariboo Alpine Mesonet: sub-hourly hydrometeorological observations of British Columbia's Cariboo Mountains and surrounding area since 2006, *Earth System Science Data*, 10, 1655-1672