Yukon University
Statement of Qualifications
Research Professional, Climate Change & Hydrology

Department: YukonU Research Centre
Location: Whitehorse
Date: June 2020

Essential Qualifications (assessed in screening process)

Education and Training: Relevant university education (degree in Hydrology, Environmental Studies, Geography, etc.), preferably at the PhD level, combined with experience in project coordination, and climate and hydrology gained in an appropriate scientific/technical/professional environment such as a university, research institute, or government department.

Demonstrated Abilities: Experience collecting, analyzing and interpreting hydrometeorological data and preparing reports, creating and utilizing computer models, conducting research and designing experiments.
Experience communicating research findings to a variety of technical and non-technical audiences, as evidenced from non-refereed reports and presentations, and peer-reviewed publications.
Previous project management experience including arranging field work, planning and implementing work in all phases of research, liaising and coordination with partners and collaborators.

Equivalency: Indigenous knowledge keeper of equivalent level as recognized by their community.
A combination of relevant post-secondary education and experience may be considered.

Desirables: Experience conducting community-based, or community-engaged research with Yukon First Nations or Indigenous communities.

Licenses/Certificates: Valid Driver's License
Standard First Aid & CPR (minimum), or equivalent

Rated Qualifications (factors assessed through interview, etc.)

Knowledge:

1. Of current scientific, educational and technological challenges posed by climate change and its impacts on hydrology, particularly as they relate to the North;
2. Of analysis of climate change and hydrology-related data;
3. Of Yukon scientific and technical communities;
4. Of federal climate change programs and corresponding departments;
5. Knowledge of laboratory and field safety rules and procedures.

Abilities:

1. To collect, analyze and interpret hydrometeorological data and prepare reports, that interpret and summarize those data;
2. To create and utilize computer models in support of research and experiments;
3. To establish and maintain effective working relationships within the community and with a variety of outside government and non-government agencies & organizations;
4. To accomplish goals by supervising staff; organizing and monitoring work process;

5. To use a variety of computer software/applications;
6. To identify hazards related to research, assess risk and develop controls to manage those risks;
7. To organize meetings, workshops, and forums.

Personal Suitability:

1. Strong communication, inter-personal, organizational, problem-solving, critical-thinking, time management, and creative skills, and a demonstrated ability to initiate actions and work with minimal supervision;
2. To work effectively with other institutions, branches, agencies and Yukon First Nations
3. Ability to work with and lead a team – taking and receiving suggestions from the team as well as contributing positive input to the team;
4. Strong interpersonal, public relations and presentation skills.

Conditions of employment

Occasional travel to field locations, Yukon communities, and conferences.
Any “in progress” degree must be conferred within one year of employment start date.