



Where ideas work

## Ministry of Public Safety and Solicitor General

This position may be located in any Emergency Management BC office: Saanichton, Surrey, Prince George, Kamloops, Terrace, Nelson.

### Hydrotechnical Engineer

**\$68,008.54 - \$89,330.28 annually plus 6.5% Recruitment and Retention Adjustment, plus 7% Overtime Shift Standby (OSS) provision that can be taken as time off or salary on an annual basis.**

Emergency Management British Columbia (EMBC) is the lead coordinating agency in the provincial government for all emergency management activities. As such, EMBC's mission is to be responsible to British Columbians for leading the management of provincial level emergencies and disasters and supporting other authorities within their areas of jurisdiction.

The Hydrotechnical Engineer provides technical guidance for all phases of EMBC's mitigation and funding programs and applies professional advisory expertise regarding disaster risk reduction, including risk assessments, hazard modelling and risk mapping, mitigation planning, and structural/natural/non-structural mitigation measures. Activities primarily focus on flood hazards (including coastal, riverine, steep creek and urban settings), but also provide general support for risk reduction from all natural hazards (including geohazards, avalanche, seismic, wildfire). It also provides a key interface in applying technical knowledge of climate change modelling, preparedness and adaptation best practices to disaster mitigation projects and programs supported by the Province.

#### Qualifications for this role include:

- Master's degree in Engineering, Environmental Management, Applied Science, Science, Resource Management or Natural Sciences, a related professional field or equivalent with a minimum 3 years of recent \*related experience; OR
- Bachelor's Degree in Engineering, Environmental Management, Applied Science, Science, Resource Management or Natural Sciences, a related professional field or equivalent with a minimum of 5 years of recent \*related experience.
- Registered membership in good standing or \*immediately eligibility for registration, as a fully licensed professional with Engineers and Geoscientists British Columbia.  
NOTE: \*Immediately eligible for registration is defined as being able to transfer a current membership from an applicable Canadian jurisdiction. Applicants must confirm their eligibility with the British Columbia professional association as required by the specialty area. Confirmation of registration / eligibility will be required before an offer of employment can be made.

#### \* Related experience must include:

- Progressive and varied experience in hydrotechnical applications and flood hazard management, including some or all of the following: flood risk assessment, hydraulic/hydrometric modelling, fluvial geomorphology, flood hazard and risk mapping, structural/natural flood mitigation engineering and non-structural mitigation practices.
- Experience developing and maintaining relationships and partnerships with stakeholders (such as clients, Indigenous communities, NGO's or federal, provincial or local government).
- Experience resolving complex problems that involve adaptation or deviation from existing policy.
- Experience analyzing complex information from multiple sources and making recommendations for new directions or policies, and preparing briefing documents, high level reports and decision notes.

**For more information and to apply online by May 13, 2021, please go to:**

<https://bcpublicservice.hua.hrsmart.com/hr/ats/Posting/view/76554>