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Hydrologic Modeller (Co-op) Hydrologic Impacts

Job Description

The Pacific Climate Impacts Consortium (PCIC) is a regional climate service centre at the University of Victoria that provides practical information on the physical impacts of climate variability and change to users and stakeholders in BC and across Canada. Through collaboration with climate researchers and regional stakeholders, PCIC produces knowledge and tools in support of long-term planning. See <http://www.PacificClimate.org> for more information.

The Hydrologic Modeller will contribute as part of a team that is working to understand the impacts of future climate change on freshwater ecosystems. Using available hydrologic models, the incumbent will generate hydrologic projections of streamflow, water temperature, and saturated dissolved oxygen. The Hydrologic Modeller works under the supervision of the Lead, Hydrologic Impacts. This project is funded through a Contribution Agreement with BC Hydro.

Accountabilities

- Generate hydrologic projections using established workflows
- Produce summary report.

Knowledge, Experience, and Abilities

Knowledge

- Working towards a degree in a relevant field of study (such as geoscience, geography, environmental science, or engineering).
- Hydrology background an asset.

Skill

- Excellent communication skills, both written and verbal.
- Programming experience.
- Experience with environmental modelling is an asset.
- Experience working with large volumes of data and high-performance computing clusters is an asset.

Abilities

- Ability to work effectively and collegially with others inside and outside of the organization
- Willing to be flexible with job duties.

Other Details

- Employment period: May to August 2026 co-op work term position, with the possibility of extension for additional terms.
- Salary range: \$24-\$30/hr.
- Full-time: 37.5 hours per week.

Additional information: Address enquiries to Markus Schnorbus at climate@uvic.ca.

Application: Please send your application including a cover letter, CV, and three professional references to Markus Schnorbus, climate@uvic.ca, with “**ATTN: Hydrologic Modeller (Co-op)**” in the subject line.

Review of applicants will start **immediately** and continue until a suitable candidate is found.