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## Data Analyst (Co-op) Hydrologic Impacts

### Job Description

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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 Data Analyst will contribute as part of a team that is working to understand the impacts of future climate change on extreme streamflow and drought. Using available hydrologic simulations, the incumbent will 1) assist in the development and testing of indices to characterize extreme low flow and drought, and 2) apply the selected indices to a test basin (the Nicola basin in British Columbia). The Data Analyst works under the supervision of the Lead, Hydrologic Impacts.

### Accountabilities

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- Data processing and analysis.
- Develop and test low flow and streamflow drought indices.
- Apply selected indices to a test basin and assist with the assessment of results.
- Produce summary report.

### Knowledge, Experience, and Abilities

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#### Knowledge

- Working towards a degree in a relevant field of study (such as geosciences, geography, environmental sciences, or engineering).
- Hydrology background an asset.
- Knowledge of applied statistics an asset.

#### Skill

- Experience with data processing and analysis.
- Excellent communication skills, both written and verbal.
- Programming experience, preferably in R an asset.
- Experience working with large volumes of data on high performance computing clusters 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

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- Employment period: This is a January to April 2024 co-op work term position.
- Salary commensurate with education and experience.
- Full time (35 working hours per week).

**Additional information:** Address enquiries to Markus Schnorbus at [climate@uvic.ca](mailto:climate@uvic.ca).

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