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PACIFIC CLIMATE IMPACTS CONSORTIUM

Data Analyst (Co-op)

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 Data Analyst will contribute as part of a team that is working to understand the impacts of future climate change on the habitat of salmon in BC's rivers. Work will involve an interdisciplinary effort to combine hydrologic modelling with salmon exposure assessment. The incumbent will use established procedures to derive streamflow and water temperature hazard exposure indicators from hydrologic simulations and conduct analysis tasks to assist PCIC researchers. The Data Analyst works under the supervision of the Lead, Hydrologic Impacts.

The project is funded through the Fisheries and Oceans Canada British Columbia Salmon Restoration and Innovation (BCSRIF) Fund (https://www.dfo-mpo.gc.ca/fisheries-peches/initiatives/fish-fund-bc-fonds-peche-cb/index-eng.html).

Accountabilities

- Data processing and analysis.
- Calculation of salmon exposure indicators using an established workflow.
- Summary report.

Knowledge, Experience, and Abilities

Knowledge

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

Skills

- Experience with data processing and analysis.
- Excellent communication skills, both written and verbal.
- Programming experience, preferably in R.
- 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

- Employment period: This is a May to August 2023 co-op work term position.
- Salary: Commensurate with education and experience.
- Weekly working hours: Full-time (35 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: Data Analyst**" in the subject line.

Application deadline: February 17, 2023.