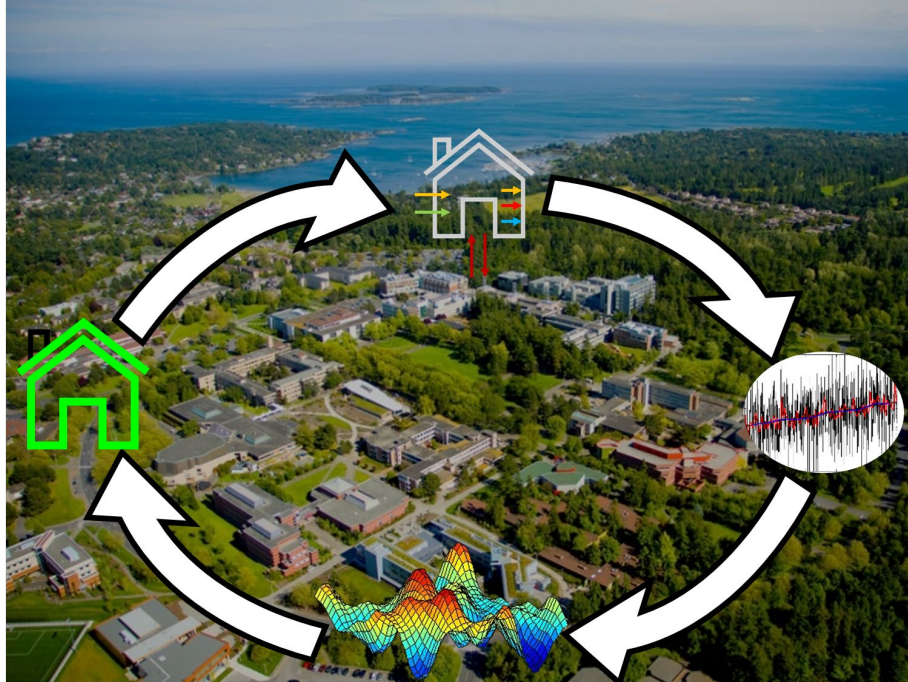


## Senior Researcher position ReBuild Initiative

A nexus for research into data-driven retrofit solutions for energy-efficient buildings



The [ReBuild Initiative](#) is a large research project with many industry and government partners that will apply data-driven and simulation methods to challenges related to retrofitting buildings – see website for more details. The position will be supervised by the Director of the Initiative, [Dr Ralph Evins](#), who leads the [Energy in Cities research group](#).

The Senior Researcher will have oversight of all research activity and personnel in the ReBuild Initiative, and will make technical contributions spanning many research activities. 20-40% of the time will be spent on project management, the rest on guiding and undertaking research. The position reports to the Director, and has many shared responsibilities with the Technical Lead of the Initiative, who is responsible for all partner interactions. For suitable candidates, an appointment as an Adjunct Professor in the Department of Civil Engineering may be possible.

The work will be carried out in the stimulating multi-disciplinary environment of the [Institute for Integrated Energy Systems](#) (IESVic) and the new green [Civil Engineering department](#) at the [University of Victoria](#) on Vancouver Island in beautiful British Columbia, Canada.

### Specific responsibilities

- Management of the research team, including coordination between the Director, post-doctoral researchers and graduate students.

- Coordination of all research activities (tracking of scope, activities, deliverables and deadlines).
- Provide scientific guidance to researchers, including in the planning and execution of research activities and projects.
- Contribute directly to specific research activities.
- Daily supervision of post-doctoral researchers and graduate students.
- Assist with recruitment and onboarding of researchers, budget planning and financial reporting.
- Complete Research Ethics processes where necessary.
- Prepare future grant applications to complement the Initiative.
- Prepare & assist others in preparing publications, reports and presentations.

### **Requirements**

- A PhD in a relevant field.
- A strong publication record and extensive research experience in relevant topics.
- Experience in supervising graduate students.
- Experience managing large research projects.
- A high level of proficiency in the written and verbal use of English.
- A good working knowledge of Python is highly desirable (for an exceptional candidate an expert level in another programming language could be acceptable).
- The ideal candidate will have expertise that spans several of the different areas of the ReBuild Initiative: building energy simulation, machine learning, model calibration, retrofit options analysis, tool development and policy.

### **How to apply**

Applications will be considered on a rolling basis, and could start as soon as possible.

Salary \$60k - \$80k/a plus benefits depending on experience.

The Energy in Cities group specifically encourages applications from persons with disabilities, visible minorities, Aboriginal Peoples, people of all sexual orientations and genders, and others who may contribute to the further diversification of the University.

Please apply on the ReBuild website under [Vacancies](#).

*If you have previously applied for a position, do not reapply.*

*Only apply for one position - you will be considered for all open positions.*