

Mitacs Accelerate Post-Doctoral Fellowship: Investigating the impacts and opportunities of Climate Change

What is the opportunity?

We are seeking a post-doctoral fellow to advance understanding of impacts and opportunities of climate change at regional, national and global scales. Climate-driven changes in ecosystem services and climate-induced economic shocks, and their relationship with community resilience, will be of particular focus. The post-doctoral fellow will be responsible for publishing findings and results in high-impact, peer-reviewed journals. Specific project details will be shared through the hiring process.

By applying to this job posting, you will be considered for a Post-Doctoral Fellowship with Dr. Arturo Sanchez-Azofeifa's research group in the Department of Earth & Atmospheric Sciences at the University of Alberta (Centre for Earth Observation Sciences). This position will be co-supervised by Dr. Sanchez-Azofeifa and a member of RBC's Innovation & Technology group.

The following materials are required:

- Curriculum vitae;
- Copies of up to three published research papers;

Appointment Length: 1-year with possibility of extension.

Level of Participation: The appointment is full-time.

Funding: This fellowship is co-funded by RBC and Mitacs, through the Mitacs Accelerate Fellowship (<https://www.mitacs.ca/en/programs/accelerate/fellowship>).

Location: Remote within Canada; preferably located in Edmonton. Must be eligible to work in Canada.

What do you need to succeed?

Must-have

- A Ph.D. in applied science/engineering, economics, climate change or relevant discipline completed within the last 5 years, or near completion with a confirmed defense date.
- Background in other relevant discipline.
- Relevant experience in performing quantitative, geospatial and economic modeling and analyses.
- Ability to manage and analyze big data; particularly data related to climate change and global economics using machine learning.
- Strong record of success conducting independent research and scholarly activities, including publication in peer-reviewed journals is a must-have.
- Understanding of climate issues and adaptations to climate change; and knowledge of economic considerations.
- Excellent interpersonal and highly developed communication skills (verbal and written).
- Strong team player but also creative and analytical thinker who is self-driven and capable of working in a fast-paced environment.

What will you do?

- Collect, analyze and process different types of big data, including geospatial, financial and climate data.
- Perform quantitative modeling and analyses.
- Publish findings in high-impact, peer-reviewed journals.

What's in it for you?

We thrive on the challenge to be our best, progressive thinking to keep growing, and working together to deliver trusted advice to help our clients thrive and communities prosper. We care about each other, reaching our potential, making a difference to our communities, and achieving success that is mutual.

- Network and build lasting relationships with colleagues from diverse backgrounds from across Canada.
- Leaders who support your development through coaching and learning opportunities.
- Work in a dynamic, collaborative, progressive and highly performing team.
- Ability to make a difference and lasting impact.
- Enjoy a comfortable work environment.
- Enjoy the possibility of Joining MITACs network and courses on professional development.