POSTDOCTORAL POSITION IN
ENERGY EFFICIENT BUILDINGS AND COMMUNITIES

One postdoctoral position is available immediately to support research conducted by Dr. Mustafa Gül and his team on design and decision-making tools for energy efficient and net-zero energy buildings and communities with particular focus on solar PV systems and their integration into residential buildings and commercial buildings, community shared solar, building energy simulation, and thermal performance of building envelopes. The candidate will conduct both computer modeling and data analytics activities and must demonstrate their ability to integrate both methods. The position is available for one year with possibility for renewal.

The candidate should possess:
- Ph.D. degree in Civil Engineering, Building Science/Engineering or related fields in Electrical Engineering and Mechanical Engineering
- Experience in energy efficient buildings, net-zero energy buildings, solar PV systems, building science/engineering
- Familiarity with related software, Artificial Intelligence, signal and image processing, programming skills
- Strong data analytics and management skills and ability to develop databases
- Strong publication and presentation track record in related fields
- Experience and interest in mentoring and training students as part of a research team
- Ability to work independently and within a team, including demonstrated leadership qualities and interaction with collaborators
- Excellent verbal and written communication skills, with ability to present to a wide range of audiences

To Apply:
Forward your CV, research statement and contact information for three references to:

Mustafa Gül, PhD, PEng
Associate Professor
Dept. of Civil & Environmental Engineering
University of Alberta
Donadeo Innovation Centre for Engineering 7-257
9211 116 St NW Edmonton, Alberta, Canada T6G 1H9
mustafa.gul@ualberta.ca
Tel: 780-492-3002 (+1 if outside Canada)

Closing date:
Position open until filled.

We thank all applicants for their interest; however, only those individuals selected for an interview will be contacted.

The University of Alberta is committed to an equitable, diverse, and inclusive workforce. We welcome applications from all qualified persons. We encourage women; First Nations, Métis and Inuit; members of visible minority groups; persons with disabilities; persons of any sexual orientation or gender identity and expression; and all those who may contribute to the further diversification of ideas and the University to apply.