



## Climate Change Seminar Series

### Accounting for Human Behavior in Energy Efficiency Investment Uptake

Dr. Maya Papineau  
Carleton University

Much of the global community, including Canada, has committed to ambitious GHG-reduction targets. In this context the million-dollar question is “Can we achieve our targets, and if so, how?”. Professor Papineau will present some of her recent research projects that contribute to answering this question. Her work uses individual-level electricity and natural gas consumption data to assess the realized effectiveness of energy conservation programs in both residential and commercial buildings, and compares her findings to engineering model predictions. The benefits from using realized consumption data include improving the accuracy of modeled energy savings predictions, identifying barriers to new technology adoption faced by households, and designing policies that magnify energy efficiency investments, all of which can improve our ability to meet climate policy targets

**Monday, January 16th**

**10:30am-11:30am EST**

**Registration required**

**10:25-10:30am Login**

**10:30-11:10am Presentation**

**11:10-11:30am Q&A**

**Maya Papineau** is an Associate Professor in the Department of Economics at Carleton University. Dr. Papineau has over 17 years training and experience in environmental and energy economics, econometrics, and program evaluation. Her research addresses several contemporary questions in this field, including evaluating the financial returns from building energy standards using quasi-experimental data, and assessing the realized energy savings from conservation programs through large-scale randomized controlled trials. Between 2011-2021, Dr. Papineau has been a team member, co-applicant or primary recipient of over \$700,000 in grant funding to conduct her research. She has a B.A. in Economics from Carleton University, a Master’s in Environmental and Resource Economics from University College London (UK), and a PhD in Agricultural and Resource Economics from UC Berkeley. Before completing her doctoral studies, she worked as an independent consultant and then as a Policy Analyst at Natural Resources Canada.