



Boston University Office of Research

Research on Tap Climate Change and Clean Energy

Thursday, December 5 | 4-6 pm | Kilachand Center

WELCOME

Thomas Bifano	Vice President and Associate Provost ad interim for Research
Cutler J. Cleveland	Professor, Earth & Environment, CAS
Emily Ryan	Associate Professor Mechanical Engineering, ENG

PRESENTATIONS

Interface Stability for Next Generation Batteries
Emily Ryan, Associate Professor, Mechanical Engineering, ENG

Inequalities in Global Residential Cooling Energy Use to 2050
Ian Sue Wing, Professor, Earth & Environment, CAS

Understanding Reactive Intermediate Exchange Reactions: How to Achieve More Efficient Catalysis
Eric S. Cueny, Assistant Professor, Chemistry, CAS

Climate Change, Climate Policy, and Development
Kevin P. Gallagher, Professor, Global Development Policy, Pardee

Strategies to Build Urban Heat Resilience While Transforming Our Energy System
Patricia Fabian, Associate Professor, Environmental Health, SPH

Interactions of Climate Change, Urbanization, and Building Energy Consumption: From Global to Local Scales
Dan Li, Associate Professor, Earth & Environment, CAS

Advancing Optimization and Control of Sustainable Power and Energy Infrastructures
Emiliano Dall'Anese, Associate Professor, Electrical & Computer Engineering, ENG

Oil & Gas Development and Population Health: An Environmental Hazard or Economic Threat?
Mary D. Willis, Assistant Professor, Epidemiology, SPH

Equity, Justice, and Racism in the Electric Mobility Transition
Benjamin K. Sovacool, Professor, Earth and Environment, CAS

Grid Scale Renewable Energy Storage: Reversible Solid Oxide Cells
Srikanth Gopalan, Professor, Mechanical Engineering, ENG

Data Center Demand Response (and How It Can Help with Clean Energy Transition)
Ayse K. Coskun, Professor, Electrical & Computer Engineering, ENG

U.S. Electricity in Transition
Cutler J. Cleveland, Professor, Earth & Environment, CAS

Upcoming Events

RESEARCH ON TAP

Social Policies: Impacts Over the Life Course

Wednesday, January 29 | 4-6 pm

Cancer

Wednesday, April 2 | 4-6 pm

AI and Humanities

Wednesday, April 16 | 4-6 pm

RESEARCH HOW-TO

Meet the LUNgevity Foundation

Thursday, January 9 | 1-2 pm

Learn more and RSVP:

bu.edu/research/event



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