1st DC Area Student/Professor Environmental and Energy Economics Workshop

Hosted by
AREC, Symons Hall, University of Maryland College Park
with Support from Global Sustainability Initiative of the University of Maryland

7 August 2019

Symons Hall, Room 0200

Note: **Short** presentations are allotted a total of 15 minutes each (10 for the presentation and 5 for Q&As) and don't have an assigned discussant. **Long** presentations are allotted a total of 30 minutes (20 for the presentation, 5 for the discussant and 5 for Q&As and **are marked by an "*"**)

9:00 – 10:30   Session 1: Climate Change, Adaptation and Mitigation
Chair: Jim Archsmith

*Dorcas Ofori-Boateng (Univ of Texas, Dallas) "Robustness of Power Systems under Climate-engineered Attacks"
Discussant: Louis Preonas (AREC UMD)

Mook Bangalore (London School of Economics), "The dynamic impacts of natural disasters on poverty in Africa: Evidence from micro-data."

Arijit Sen (Public Policy Univ. of Maryland), "Benchmarking State Actions in the US Electricity Sector to Reduce 2050 GHG Emissions: Evaluating Performance and Patterns Using Integrated Assessment Models."

*Xingshi Chen (Public Policy Univ. of Maryland), "Heat Pumps' Impact on Housing Prices and Implications for Policy Instruments to Facilitate Electrification and Deep Decarbonization."
Discussant: Anna Alberini (AREC UMD)

10:30 – 10:45 BREAK

10:45 – 12:00 Session 2: Energy Efficiency
Chair: Nanda Srinivasan (Energy Information Agency)

Kevin Ankney (Georgetown), "Do Credit Constraints Explain the Energy Efficiency Gap? Evidence from the US New Car Market."

*Lavan Terra Burra (Engineering Univ. of Maryland) "Understanding the Rebound Effect for Household Vehicle Ownership and Usage Choice Using Discrete-Continuous Models."
Discussant: Josh Linn (AREC University of Maryland)

Chang Shen (AREC University of Maryland) "The Value of Fuel Economy: Evidence from the Chinese Passenger Vehicle Market."

Rachel Feldman (Georgetown) "Do Renewable Portfolio Standards Increase Renewable Energy Generation?"

12:00 – 13:00 LUNCH

13:00 – 14:00 Session 3: Regulations, Enforcement, and Random Events as Identifying Shocks
            Chair: Arik Levinson (Georgetown)

*Tihitina Andarge (AREC University of Maryland), "The Effect of Incomplete Information on Ambient Pollution Levels: Evidence from the Clean Water Act."
Discussant: Jim Archsmith (AREC University of Maryland)

Yujie Lin (AREC University of Maryland), "How Do Vehicle License Allocations Affect the Adoption of New Energy Vehicles in China?"

Becka Brolinson (Georgetown) "The L-Train Shutdown in Brooklyn."

14:00 – 14:15 BREAK

14:15 – 15:15 Session 4: From Theory to Empirics
            Chair: Louis Preonas (AREC University of Maryland)

*Jeff Hunt (AREC University of Maryland), "A Case Study of Regulatory Uncertainty and Mineral Extraction: The Wyoming Sage Grouse."
Discussant: Arik Levinson (Georgetown)

Ensieh Shojaheddini (US EPA), "Efficiency v. Equity: An Alternative to Energy Efficiency Subsidies."

Julian Gomez-Gelvez (AREC University of Maryland), "Is Uber's Price Right? Congestion v. Market Power in the Ride-hailing Industry."

15:15 – 15:30 BREAK

15:30 – 16:20 Session 5: Econometrics and Modelling

Chair: Lucy Qiu (Public Policy Univ. of Maryland)

*Haoluan Wang (AREC University of Maryland), "A Semi-Parametric Approach to Identify Spatial Heterogeneity in WTP Estimates."
Discussant: Adan Martinez-Cruz (Inter-American Development Bank)

April Patel (Energy Information Agency), "Big Data and Machine Learning: The Polk Data."

16:20 – 16:40 BREAK (while the Committee selects the award winners)

16:40 Award winners are announced!