

## Lint Barrage

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### Academic Positions and Affiliations:

Assistant Professor of Economics and Environmental Studies, Brown University, Department of Economics & Institute at Brown for Environment and Society, August 2015 – present  
Faculty Research Fellow, National Bureau of Economic Research (NBER), 2016 – present  
Faculty Research Associate, Rhode Island Innovative Policy Lab (RIIPL), 2016 – present  
Affiliate, CESifo Research Network, Energy and Climate Economics, 2016 - present  
Assistant Professor, University of Maryland, College Park, Department of Agricultural and Resource Economics, August 2013 – July 2015

### Education:

Ph.D. Economics (*with Distinction*), Yale University, May 2013  
M. Phil. Economics, Yale University, December 2011  
M.A. Economics, Yale University, May 2010  
B.A. Economics / Environmental Studies (*both Honors*), University of Chicago, 2007

### Publications and Scholarly Activities:

#### Published and Accepted Materials:

Barrage, Lint (2018) “Optimal Dynamic Carbon Taxes in a Climate-Economy Model with Distortionary Fiscal Policy” [*Accepted, Review of Economic Studies*]

Barrage, Lint (2018) “Be Careful What You Calibrate For: Social Discounting in General Equilibrium” *Journal of Public Economics*, 160C: 33-49.

M. Burke, M. Craxton, C.D. Kolstad, C. Onda, H. Allcott, E. Baker, L. Barrage, R. Carson, K. Gillingham, J. Graff-Zivin, M. Greenstone, S. Hallegatte, W.M.Hanemann, G. Heal, S. Hsiang, B. Jones, D.L. Kelly, R. Kopp, M. Kotchen, R. Mendelsohn, K. Meng, G. Metcalf, J. Moreno-Cruz, R. Pindyck, S. Rose, I. Rudik, J. Stock and R. Tol (2016) “Opportunities for advances in climate change economics” *Science*, 15 Apr 2016: 352(6283): 292-293.

Barrage, Lint (2014) “Sensitivity Analysis for Golosov, Hassler, Krusell, and Tsyvinski (2014): ‘Optimal Taxes on Fossil Fuel in General Equilibrium’” *Supplemental Material, Econometrica*, 82(1): 41-88. [*Supplementary Material to: Golosov, Mikhail, John Hassler, Per Krusell, and Aleh Tsyvinski (2014) “Optimal Taxes on Fossil Fuel in General Equilibrium,” Econometrica*, 82(1): 41-88.]

Barrage, Lint and Min Sok Lee (2010): “A Penny for Your Thoughts: Inducing Truth-Telling in Stated Preference Elicitation.” *Economics Letters*, 16: 140-142.

## **Working Papers:**

Barrage, Lint, Eric Chyn, and Justine Hastings (2016) “Advertising as Insurance or Commitment? Evidence from the BP Oil Spill” *NBER WP No. 19838*. [R&R, *American Economic Journal: Policy*]

Barrage, Lint (2018) “Regulatory Dynamics in U.S. Aviation Safety: Economic Determinants of FAA Behavior” [*Under Review*]

Bakkensen, Laura, and Lint Barrage (2017) “Flood Risk Belief Heterogeneity and Coastal Home Price Dynamics: Going Under Water?” *NBER WP No. 23854*.

Bakkensen, Laura, and Lint Barrage (2016) “Do Natural Disasters Affect Growth? A Macro-Model Based Perspective on the Empirical Debate”

Bakkensen, Laura, and Lint Barrage (2017) “Climate Change, Cyclone Risks, and Economic Growth: A ‘Business Cycles’ Approach”

Barrage, Lint (2015) “Climate Change Adaptation vs. Mitigation: A Fiscal Perspective”

## *Teaching Innovations:*

Barrage, Lint (2016) “Teaching Environmental Valuation Methods through Real-World Applications: A Travel Cost Method Field Study” [R&R, *Journal of Economic Education*]

## **Book Chapters:**

Barrage, Lint (2017) “Carbon Pricing Policy Design and Revenue Management: Economic Models and Policy Practice” in: “Building a Climate Resilient Economy and Society,” eds. K.N. Ninan and Makoto Inoue, Edward Elgar Publishers, Cheltenham, UK.

## **Research Grants**

International Growth Center Research Grant (£30,000) “Determinants of Global Air Pollution Exposure” joint with Matthew Turner, 2017

IBES Project Development Grant (\$60,000): “Improving Transparency in Environmental Compliance” joint with Justine Hastings, 2015

## **Invited Talks and Conference Presentations:**

2019 (scheduled): Tilburg University, University of Arizona

2018: ASSA Annual Meeting, SURED (Keynote Address), SED; Scheduled: Federal Reserve Board of Governors, UConn, University of Zurich, Yale FES, U.Chicago EPIC, U.Chicago Harris

2017: ASSA Annual Meeting, IMF Workshop on Macroeconomic Policy and Income, Mercator Research Institute, IIES Stockholm, University of Basel, ETH Zurich, IPAG Workshop, Stanford SEEPAC Workshop, UCSB LAEF Climate Economics Workshop, NBER Summer Institute (EEE), Stanford SEEPAC, U.C. Boulder; U.C. Davis, Georgetown, Maryland AREC, U.C. San Diego

2016: Columbia University, Yale University, Colby College, U.C. Berkeley, 20<sup>th</sup> International Conference on Macroeconomic Analysis and International Finance, Association of Environmental and Resource Economists Summer Meeting, Conference on Sustainable Resource Use and

Economic Dynamics, Econometric Society Asia Meetings, NBER Summer Institute (EEE), U. Rhode Island, Arizona State, CESifo Conference on Energy and Climate Economics

2015: London School of Economics Grantham Institute, Iowa State University, U.S. Environmental Protection Agency, George Washington University, 19<sup>th</sup> International Conference on Macroeconomic Analysis and International Finance, Association of Environmental and Resource Economists Summer Meeting, PERC Workshop on Market Adaptation to Climate Change

2014: University of Calgary, Resources for the Future, 18<sup>th</sup> International Conference on Macroeconomic Analysis and International Finance, University of Minnesota Heller-Hurwicz Economics Institute Conference on ‘Developing the Next Generation of Economic Models of Climate Change’, ETH Zurich, Graduate Institute Geneva

2013: Northwestern University Kellogg School of Management, Toulouse School of Economics, University of Maryland AREC, University of British Columbia, Arizona State University, Sciences Po, University of Bern, Institute for International Economic Studies, 20<sup>th</sup> Annual Conference of the European Association of Environmental and Resource Economists (EAERE) Toulouse, University of Alberta School of Business

2006-2012: Oxford OxCarre, Cowles Foundation Conference on Macroeconomics and Climate Change, Northeast Workshop on Energy Policy and Environmental Economics, ASSA Annual Meeting 2011 (discussant), EAERE 2008, International Workshop on Legal Issues for Clean Energy and Climate Change, Tsinghua University, Beijing (2006)

#### **Fellowships, Honors and Awards:**

Brown University Wriston Fellowship (‘excellence in teaching and scholarship’), 2017-18  
George Trimis Dissertation Prize, 2013  
Yale University Graduate Fellowship, 2008 – 2013  
Yale University Cowles Foundation Fellowship, 2008 –2012  
Student Marshal, University of Chicago, 2006  
Phi Beta Kappa, 2006

#### **Referee Activity:**

American Economic Review, Review of Economic Studies, Journal of Political Economy, Quarterly Journal of Economics, Review of Economic Dynamics, Journal of Economic Theory, American Economic Journal: Macroeconomics, American Economic Journal: Policy, American Economic Journal: Applied, Macroeconomic Dynamics, Journal of Public Economics, Journal of Environmental Economics and Management, International Journal of Industrial Organization, Environmental and Resource Economics, Journal of Economic Growth, Journal of Economics & Management Strategy, Economic Inquiry, Journal of Economic Dynamics and Control, Journal of Urban Economics, International Economic Review, Energy Economics, Journal of Economic Behavior and Organization, Journal of Development Economics, Climatic Change, American Economic Review – Insights.

#### **Teaching:**

*Ph.D. Level:*

‘General Equilibrium’ section of Microeconomic Applications in Agricultural and Resource

Markets, Spring 2015

Environmental Taxation and Regulation, Spring 2014

*Undergraduate Level:*

Environmental Economics and Policy, Fall 2015, 2016, Spring 2018

Econometric Applications in Agricultural and Natural Resource Economics, Fall 2014

Intermediate Microeconomics, Fall 2014, 2016, Spring 2018

*Ph.D. Advising:*

Taylor, Michael H., Dissertation Committee Member, 2014

Wichman, Casey, Dissertation Committee Member, 2014-2015

Zhou, Christy (Yichen), Dissertation Committee Member, Spring 2014-2016

Cerruti, Davide, Dissertation Committee Member, Spring 2014-2016

Gregory Casey, Dissertation Committee Member, 2016 - 2018

**Professional Service and Activities:**

Panelist Speaker representing RIPL to U.S. Commission on Evidence-Based Policy, Second Public Hearing, Chicago, IL, January 5, 2017

Panelist Speaker: "Opportunities in Sustainable Investing", Brown Financial Symposium, New York City, NY, April 2016

Climate Science Day 2014: Served as delegate on multi-disciplinary teams meeting with U.S. congressional offices and committee staff. Organizing host: Council on Food, Agricultural, and Resource Economics (C-FARE). January 2014

Independent Consultant to U.S. National Research Council "Committee on the Effects of Provisions in the Internal Revenue Code on Greenhouse Gas Emissions" 2011-2012