

September 2018

Timothy Foreman

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Research Interests: Environmental economics, climate change impacts, agricultural economics, applications of machine learning

Education

Ph.D. Sustainable Development, Columbia University Adviser: Wolfram Schlenker	2013-present
M.Phil Sustainable Development, Columbia University	2017
M.A. Sustainable Development, Columbia University	2017
B.S. Applied Mathematics, Columbia University, <i>magna cum laude</i>	2013

Research Experience

Research Assistant, Professor Wolfram Schlenker	May 2012 – May 2013 September 2017– May 2018
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Working Papers

Foreman, T. 2018. "The Effects of Dust Storms on Economic Development"

Foreman, T. 2018. "The Effect of Dust Storms on Child Health in West Africa"

Baker, R., Carleton, T., D'Agostino, A., **Foreman, T.**, Greenstone, M., Hsiang, S., Hultgren, A., Jina, A., Kopp, R., Pecenco, M., Rising, J., Rode, A., and Yuan, J. 2017. "Human Productivity in a Warmer World: The Impact of Climate Change on the Global Workforce"

Sachs, J., Rising, J., **Foreman, T.**, Simmons, J., and Brahm, M. 2015. "The Impacts of Climate Change on Coffee: Trouble Brewing" <http://eicoffee.net>

Book Chapters

Raymond, C., **Foreman, T.**, King, A., Kornhuber, K., Lesk, C., Mora, C., Perkins-Kirkpatrick, S., Russo, S., and Vijverberg, S. (2018). Projections and hazards of future extreme heat. In *Planning for Climate Change Hazards*. Oxford University Press.

Teaching Experience

Teaching Assistant, Microeconomics Policy and Analysis, Masters level, Professors Suresh Naidu and Kitty Chan	September 2014 – May 2015
Teaching Assistant, Intermediate Microeconomics, Undergraduate level, Professor Prajit Dutta	September – December 2015
Teaching Assistant, Microeconomics Policy and Analysis, Masters level, Professor Selcuk Eren	January – May 2016
Teaching Assistant, Research Methods and Quantitative Techniques in Public Management and Policy, Masters level, Professor Selcuk Eren	September – December 2016
Teaching Assistant, Political Development in the Developing World, Masters level, Professor Christopher Sabatini	January – May 2017

Presentations

International Conference on Sustainable Development, New York, NY	September 2018
9th International Workshop on Sand / Dust Storms and Associated Dustfall, Tenerife, Spain	May 2018
Sustainable Development Research Symposium, New York, NY	April 2018
Eastern Economic Association, Boston, MA	March 2018
Data Science Day, Columbia University, New York, NY (poster)	March 2018
Heartland Environmental & Resource Economics Workshop at Illinois, Urbana-Champaign, IL (poster)	September 2017
American Geophysical Union Fall Meeting, San Francisco, CA (poster)	December 2016

Awards

Dean's Fellow, Graduate School of Arts and Sciences, Columbia University (2013-2019)
Berkeley Institute for Transparency in the Social Sciences (BITSS) Summer Institute Travel Grant (2016)
Applied Mathematics Faculty Award, Columbia University (2013)
C.P. Davis Scholar, Columbia University (2009-2013)

Other Professional Experience

Hazen and Sawyer, Water Treatment Intern, New York, NY	June – August 2010
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Languages

English (native), German (advanced - B2/C1), French (basic - A2)