

# Peter Maniloff

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## APPOINTMENT

Assistant Professor  
Division of Economics & Business Colorado School of Mines

2013-present

## EDUCATION

Ph.D., Environmental Science and Management, Duke University, Durham, NC, 2013  
Specialization in environmental and energy economics.  
M.A., Environmental Science and Policy, Duke University, Durham, NC, 2010  
B.A., Physics and Computer Science, Duke University, Durham, NC, 2001

## PUBLICATIONS (\* denotes student coauthor)

“Can Learning Explain Deterrence? Evidence from Oil and Gas Production”, 2019, *Journal of the Association of Environmental and Resource Economists*, <https://doi.org/10.1086/704282>

“Environmental Justice in Unconventional Oil and Gas Production: A Critical Review and Research Agenda”, with Adrienne Kroepsch, John Adgate, Lisa McKenzie, and Katherine Dickinson, *Environmental Science & Technology*, 2019, <https://doi.org/10.1021/acs.est.9b00209>

“Interfirm Learning in Environmental Safety: Evidence from the Bakken”, with Michael Redlinger\* and Ian Lange, *Applied Economics*, 2019, <https://doi.org/10.1080/00036846.2018.1564121>

“An Examination of the Heterogeneous Price Effects of Superfund Site Remediation”, with Ralph Mastromonaco, *Economics Letters*, 2018, <https://doi.org/10.1016/j.econlet.2018.06.026>

“Leakage in Regional Environmental Policy: The Case of the Regional Greenhouse Gas Initiative”, with Harrison Fell, *Journal of Environmental Economics and Management*, 2018, <https://doi.org/10.1016/j.jeem.2017.10.007>

“The Local Employment Impacts of Fracking: A National Study”, with Ralph Mastromonaco, *Resource and Energy Economics*, 2017, <http://dx.doi.org/10.1016/j.reseneeco.2017.04.005>

“Jurisdictional Tax Competition and the Division of Nonrenewable Resource Rents”, with Dale Manning, *Environmental and Resource Economics*, 2017, <http://dx.doi.org/10.1007/s10640-017-0143-6>

“An Estimate of the Producer Cost of Liability for Oil Spills”, *Applied Economics Letters*, 2017, <http://dx.doi.org/10.1080/13504851.2017.1321833>

“Why have Greenhouse Gas Emissions in RGGI States Declined? An Econometric Attribution to Economic, Energy Market, and Policy Factors”, with Brian Murray, *Energy Economics*, 2015, <http://dx.doi.org/10.1016/j.eneco.2015.07.013>

## **WORKING PAPERS** (\* denotes student coauthor)

“Evidence that Coal Stockpiling Constrains Fuel Switching”, with Sul-Ki Lee\*, 2018

“Effects of State Taxation on Investment: Evidence from the Oil Industry”, with Jason Brown and Dale Manning, 2018

“Updating Allocation Allocations in Cap-and-Trade: Evidence from the NOx Budget Program”, with Ian Lange, 2017

## **AWARDS and HONORS**

Resources for the Future John V. Krutilla Research Stipend (2017-2018)

Outstanding Faculty Member in Economics & Business (2016-2017), selected by the senior class

Economics and Business Undergraduate Program Excellence in Teaching Award (2016-2017),  
selected by the undergraduate majors

Resources for the Future Fisher Dissertation Fellowship (2012-2013)

## **NON-PEER REVIEWED PAPERS and CHAPTERS**

Maniloff, Peter. 2015. Review of *Physics for Future Presidents*, Richard Mueller. *The Energy Journal*: 36(1): 212-214

Murray, B., Maniloff, P., and Monast, J. (2013) “Design Issues for Linking Carbon Markets” in “Designing Integration: Regional Governance on Climate Change in North America”, Craik, N., Studer, I., and Van Nijnatten, D. eds, University of Toronto Press

Maniloff, Peter and Murray, Brian. “Allowance Price Containment Options for Cap-and-Trade Legislation” (2009)

Schneck, J., Murray, B., Mazurek, J., and Maniloff, P. “Protecting Energy-Intensive Trade-Exposed (EITE) Industry” (2009)

Anda, J., Keohane, N., Maniloff, P., Murray, B., Profeta, T. “Strategic Reserve Coupons: A New Idea for Cost Containment” (2009)

## **FUNDING**

Colorado Technology Primer for Economists and Social Scientists, Sloan Foundation (2017-2020)

21<sup>st</sup> Century Trends in Space-Based Solar Panel Generation and Storage, NASA (2017-2018)

Schultz Family Fund grant in Humanitarian Engineering, CSM (2016-2017)

Colorado School of Mines Undergraduate Research Award, CSM (2016-2017)

Regulatory Design for Oil and Gas Production, Smith Richardson Foundation (2015-2016)

Projecting Colorado Propane Prices, Colorado Energy Office (2015)

Travel Grant, Duke University (2011, 2012)

## **PRESENTATIONS**

2019     AERE Summer Conference, Front Range Energy Camp, Colorado State University, APPAM  
Fall Research Conference, Gas Technology Institute Methane Emissions Conference

2018     Front Range Energy Camp, Federal Reserve Bank of Kansas City

2017     AERE Summer Conference, Front Range Energy Camp, North Carolina State University, East  
Carolina University, Iowa State Workshop on Energy and Water Economics

2016 ASSA Annual Meeting, AERE Summer Conference, Colorado State University, University of Connecticut, Heiland Lecture at CSM  
 2015 Front Range Energy Camp, AERE Summer Conference, CU Environmental and Resource Economics Workshop, APPAM Fall Research Conference  
 2014 Southern Economic Association, Colorado State University, Front Range Energy Camp  
 2013 Front Range Energy Camp, Georgia Tech, Wake Forest, Colorado School of Mines  
 2012 Southern Economic Association, CU Environmental and Resource Economics Workshop, AERE Summer Conference  
 2011 AERE Summer Conference, Camp Resources  
 2010 Camp Resources  
 2009 Camp Resources

## **TEACHING EXPERIENCE**

### Graduate

Mathematical Economics  
 Econometrics

### Undergraduate

Energy Economics  
 Energy and Environmental Policy  
 Mathematical Economics  
 Physics for Pyros

## **PROFESSIONAL SERVICE**

### Referee for

Journal of the Association of Environmental and Resource Economists, Journal of Environmental Economics and Management, Journal of Industrial Economics, Economic Inquiry, American Journal of Agricultural Economics, Journal of Policy Analysis and Management, Nature Climate Change, Journal of Regulatory Economics, Resource and Energy Economics, Environmental and Resource Economics, The Energy Journal, Energy Economics, Conservation Letters, Marine Resource Economics, Strategic Behavior and the Environment, IZA World of Labor, Papers in Regional Science, Environmental Modeling and Assessment, Food Policy, IZA World of Labor, Social Sciences and Humanities Research Council of Canada, California Council on Science and Technology

Program committee member, Association of Environmental and Resource Economists Summer Conference 2016 - present

Programme committee member, World Congress of Environmental and Resource Economists, 2018

### Institutional Service

Space Resources Program Faculty Executive Committee (2017-)  
 Graduate Council (2017-)  
 Research Council (2017)  
 Economics Hiring Committee (2016-2017)  
 Energy, Environment, and Society Hiring Committee (2015-2016)  
 CSM Faculty Oversight Committee on Sports and Athletics (2014-17)  
 Economics & Business Seminar Series co-coordination (2014-17)  
 Energy & Environmental Economics lunch group co-coordination (2014-16)  
 Energy Policy Hiring Committee (2014-2015)