

# Ivan Rudik

## Address

462 Warren Hall  
Dyson School of Applied Economics and Management  
Cornell University  
Ithaca, NY 14853

## Contact Information

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## Academic Appointment

Cornell University

Assistant Professor, Dyson School of Applied Economics and Management 2018–  
Faculty Fellow, Atkinson Center for a Sustainable Future 2018–

Iowa State University

Assistant Professor, Department of Economics 2015–2017  
Center For Agricultural and Rural Development 2015–2017

## Education

Ph.D., Economics 2015  
University of Arizona  
M.A., Economics 2011  
University of Arizona  
B.S., Economics 2010  
Rochester Institute of Technology

## Publications

Hollingsworth, A. and I. Rudik. 2019. External Impacts of Local Energy Policy: The Case of Renewable Portfolio Standards. **Journal of the Association of Environmental and Resource Economists** 6(1):187–213.

Keiser, D., G. Lade, and I. Rudik. 2018. Air Pollution and Visitation at U.S. National Parks. 2018. **Science Advances** 4(7):eaat1613.

Rudik, I. 2018. Tradable Credit Markets for Intensity Standards. **Economic Modelling** 72:202-215.

Lemoine, D. and I. Rudik. 2017. Steering the Climate System: Using Inertia to Lower the Cost of Policy. **American Economic Review** 107(10):2947-57.

Lemoine, D. and I. Rudik. 2017. Managing Climate Change Under Uncertainty: Recursive Integrated Assessment at an Inflection Point. **Annual Review of Resource Economics** 9:117-142.

Burke, M., 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, R. S. J. Tol. 2016. Opportunities for Advances in Climate Change Economics. **Science** 352(6283):292–93.

## Working Papers

Costs of Inefficient Regulation: Evidence from the Bakken (with Gabriel Lade, *revise and resubmit at JAERE*)

Excess Emissions are Common, Harmful, and Underregulated (with Alex Hollingsworth, David Konisky, and Nikos Zirogiannis)

Optimal Climate Policy When Damages are Unknown (*conditionally accepted at AEJ: Policy*)

The Social Cost of Leaded Gasoline: Evidence from Regulatory Exemptions (with Alex Hollingsworth)

Valuing Science Policy: Dynamic Decisionmaking with Generalized Bayesian Learning (with Maxwell Rosenthal and Derek Lemoine)

## Outreach Publications

Keiser, D., G. Lade, and I. Rudik. Ozone Pollution in US National Parks is Nearly the Same as in Large Cities. **The Conversation**.

Lade, G. and I. Rudik. 2017. Efficient Environmental Regulation in the Unconventional Oil Industry. **Center for Agricultural and Rural Development Agricultural Policy Review**.

Kling, C.L., R.W. Arritt, G. Calhoun, D.A. Keiser, J.M. Antle, J.G. Arnold, M. Carriquiry, I. Chaubey, P. Christensen, B. Ganapathysubramanian, P. Gassman, W. Gutowski, T.W. Hertel, G. Hoogenboom, E. Irwin, M. Khanna, P. Merel, D. Phaneuf, A. Plantinga, S. Polasky, P. Preckel, S. Rabotyagov, I. Rudik, S. Secchi, A. Smith, A. Vanloocke, C. Wolter, W. Zhang, J. Zhao. 2016. Research Needs and Challenges in the FEW System: Coupling Economic Models with Agronomic, Hydrologic, and Bioenergy models for Sustainable Food, Energy, and Water Systems. Center for Agricultural and Rural Development Working Paper 16-WP 563.

## Seminars and Conferences (including scheduled)

**2020** Penn State, ASSA

**2019** Annual Health Economics Conference, UC Davis, Carnegie Mellon University, UC San Diego, The Workshop in Environmental Economics and Data Science, University of Connecticut, ASSA (discussant)

**2018** Inter-American Development Bank, MIT CEEPR Fall Workshop, Heartland Environmental and Resource Economics Workshop, NBER EEE SI, Northeast Workshop on Energy Policy and Environmental Economics, Resources For the Future, Maryland AREC, ASSA

**2017** Minnesota APEC, East Carolina University, Cornell Dyson, EAERE, AERE, AAEA, Indiana University SPEA, Economics of Water and Energy Workshop

**2016** Colorado School of Mines, CU Environmental and Resource Economics Workshop, AERE, Fourth Annual Canadian Ph.D. and Early Career Workshop in Environmental Economics, NBER Economics of Energy Markets

**2015** UC Berkeley ARE, Stanford Research Frontiers in the Economics of Climate Change Workshop, The Occasional Workshop in Environmental and Resource Economics, NBER EEE SI, AERE, Iowa State University, University of Miami

**2014** Heartland Environmental and Resource Economics Workshop (poster), CU Environmental and Resource Economics Workshop, Western Economics Association Conference

## Grants

Cornell NYC Visioning Grant (\$74,200) 2019

NBER Economics of Energy Markets Grant (\$23,000) 2016

## Referee Service

Agricultural Economics, American Economic Journal: Macroeconomics, American Economic Review, Climatic Change, Energy Economics, Energy Journal, Environmental and Resource Economics, Journal of the Association of Environmental and Resource Economists, Journal of Environmental Economics and Management, Journal of Policy Analysis and Management, Journal of Public Economics, National Science Foundation, Nature: Climate Change, Nature: Communications, Oxford Bulletin of Economics and Statistics, Proceedings of the National Academy of Sciences, Review of Environmental Economics and Policy, Science Advances, Society and Natural Resources

## Teaching

Cornell University		
AEM 4940: Business and Economics of Energy (undergraduate)		2018–
AEM 6510: Environmental and Resource Economics (masters)		2018–
AEM 6940: SEERE Seminar (workshop)		2018–
AEM 7130: Dynamic Optimization (Ph.D.)		2019–
Iowa State University		
ECON 101: Principles of Microeconomics		2016–2017
ECON 380: Environmental and Resource Economics		2017
ECON 509: Applied Numerical Methods in Economics		2016–2017
The University of Arizona		
BNAD 301 Online: Global and Financial Economics and Strategies		2013, 2014
ECON 323: The Economics of Sports		2013
ECON 373: Environmental Economics		2012, 2014

## Service

Professional		
AAEA Annual Meeting Reviewer		2017
Cornell University		
Graduate Studies Committee		2018–
Iowa State University		
Liberal Arts and Sciences Honors Committee		2017
Agriculture and Life Sciences Sustainability Task Force		2016–2017
Economics Seminar Committee		2016–2017
Micro Qualifying Exam Committee		2016
Computer Committee		2016–2017 (Chair 2017)

## Ph.D. Advising

Chair		
Diego Soares-Cardoso		Expected 2021
Committee Member		
Louis Sears		Expected 2021
Lin Yang		Expected 2021
Xianjun Qiu - Assistant Professor at Dongbei University of Finance and Economics		2018
Pan Liu - Assistant Professor at Beijing Normal University		2016

## Masters Advising

Chair		
Jinge Li		Expected 2020
Shannon Baucom - Qualcomm		2017
Jennifer Zarek - Omaha Chamber		2016
Committee Member		
Marley Bonacquist-Currin		Expected 2020
Louis Chua		Expected 2020
Yikuan Ji		Expected 2020
Congyan Han - University of Wisconsin Real Estate Ph.D.		2019

**Other**

Professional Associations: AEA, AERE

Training: SCRiM Summer School for Sustainable Climate Risk Management (Penn State), Fourth Annual Interdisciplinary School on Geoengineering (Harvard)

Outreach: Climate Reality Campus Corps Panel Speaker

Citizenship: U.S.

Languages: English (native), American Sign Language (intermediate)

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*Last Updated: August 20, 2019*