

# 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 (*2nd revise and resubmit 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 FEWS 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 ASSA

**2019** 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, 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
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### Cornell University

Graduate Studies Committee	2018–
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### 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
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### 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: July 12, 2019*