

# Ivan Rudik

## Address

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

## Contact Information

irudik@cornell.edu  
ivanrudik.com

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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

Lade, G. and I. Rudik. Forthcoming. Costs of Inefficient Regulation: Evidence from the Bakken. **Journal of Environmental Economics and Management**.

Rudik, I. 2020. Optimal Climate Policy When Damages are Unknown. **American Economic Journal: Economic Policy** 12(2):340–73.

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. **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. 2020. Steering the Climate System: Reply. **American Economic Review** 110(4):1238–41.

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

The Social Cost of Leaded Gasoline: Evidence from Regulatory Exemptions (with Alex Hollingsworth, revise and resubmit at **AEJ: Policy**)

## 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** Penn State, IZA Workshop on Environment Health and Labor Markets, AERE, NBER EEE Spring, Cornell Lab of Ornithology, ASSA (presenter, discussant)

**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: Economic Policy, American Economic Journal: Macroeconomics, American Economic Review, American Journal of Agricultural Economics, Climatic Change, Economics and Human Biology, 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 7130: Dynamic Optimization (Ph.D.)	2019–
AEM 7852: SEERE Seminar (workshop)	2018–

### 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

Mike Huang	Expected 2024
Diego Soares-Cardoso	Expected 2021

### Committee Member

Weiliang Tan	Expected 2023
Muye Chen (Economics)	Expected 2022
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

Haotian Wu	Expected 2021
Jinge Li - Yale Environmental and Natural Resource Economics Ph.D.	Expected 2020
Shannon Baucom - Qualcomm	2017
Jennifer Zarek	2016

### Committee Member

Marley Bonacquist-Currin - Cornell Natural Resources Ph.D.	Expected 2020
Yikuan Ji - Maryland AREC Ph.D.	Expected 2020
Louis Chua (Regional Science)	Expected 2020
Congyan Han - Wisconsin Urban Land Economics 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: May 5, 2020*