

# 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

Rudik, I. Forthcoming. Optimal Climate Policy When Damages are Unknown. **American Economic Journal: Economic Policy**.

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 Gabe Lade, **revise and resubmit at JEEM**)

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

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

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. Arriitt, 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 (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, 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 |
| Muye Chen (Economics)  | 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            | 2016          |

### Committee Member

|   |               |
|---|---------------|
| Marley Bonacquist-Currin                                | Expected 2020 |
| Yikuan Ji   | Expected 2020 |
| Louis Chua (Regional Science)                           | 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: December 27, 2019*