Ivan Rudik

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Academic Appointment

Cornell University

Ruth and William Morgan Assistant Professor	2020–
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

Liang, Y., I. Rudik, E. Zou, A. Johnston, A. Rodewald, C. Kling. Conservation Co-Benefits from Pollution Regulation: Evidence from Birds **Proceedings of the National Academy of Sciences**.

Hollingsworth, A. and I. Rudik. Forthcoming. The Effect of Leaded Gasoline on Elderly Mortality: Evidence from Regulatory Exemptions. **American Economic Journal: Economic Policy**.

Lade, G. and I. Rudik. 2020. Costs of Inefficient Regulation: Evidence from the Bakken. **Journal of Environmental Economics and Management**: 102336.

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

How lead exposure affects academic performance: Intensity, age, and nutrition matter (with Alex Hollingsworth, Mike Huang, and Nick Sanders)

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 Sustainabile Food, Energy, and Water Systems. Center for Agricultural and Rural Development Working Paper 16-WP 563.

Grants

Cornell Atkinson Academic Venture Fund ($175,000)	PI - 2020
Cornell NYC Visioning Grant ($74,200)	Co-PI - 2019
NBER Economics of Energy Markets Grant ($23,000)	Co-PI - 2016

Seminars and Conferences (including scheduled)

2020 Penn State, Tennessee, WEAI Presidental Session (discussant), AERE, Global Open Seminar on Environmental Economics, 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 (discussant)

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

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 Economic Theory, 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 4510: Environmental Economics (undergraduate)	2021–
AEM 4515: Business and Economics of Energy (undergraduate)	2018–2019
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

Cornell University

Graduate Studies Committee	2018–
Computational Tools for Social Scientists Workshop	2020–

Advising

Student (* main advisor)	Degree	Year	Placement
Mike Huang*	Ph.D.		
Weiliang Tan*	Ph.D.		
Diego Cardoso*	Ph.D.		
Marley Bonacquist-Currin	Ph.D. (Natural Resources)		
Anjali Narang	Ph.D.		
Muye Chen	Ph.D. (Economics)		
Louis Sears	Ph.D.		
Yuanning Liang	Ph.D.		
Lin Yang	Ph.D.		
Haotian Wu*	M.S.		
Visen Liu	M.S.		
Jinge Li*	M.S.	2020	Yale School of the Environment Ph.D.
Marley Bonacquist-Currin	M.S.	2020	Cornell Natural Resources Ph.D.
Yikuan Ji	M.S.	2020	Maryland AREC Ph.D.
Louis Chua	M.S. (Regional Science)	2020	
Congyan Han	M.S.	2019	Wisconsin Urban Land Economics Ph.D.

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)

Last Updated: October 28, 2020