

RESEARCH INTERESTS

Applied Microeconomics

Applied Econometrics

Environment and Resources Economics: Water management, climate change adaptation, environmental valuation

EDUCATION

Cornell University, Ithaca, NY

August 2020 — Expected: May 2026

PhD in Applied Economics and Management

Primary Adviser: Ivan Rudik

University of Arizona, Tucson, AZ

August 2016 — May 2020

B.A. in Mathematics; B.A. in Philosophy, Politics, Economics and Law; B.A. in Economics; Minor in Spanish

RESEARCH

Work in Progress

1. “The benefits and costs of agricultural adaptation to surface water scarcity” Job Market Paper
2. “Equity and efficiency in international climate adaptation portfolios,” with Derek Lemoine and Ivan Rudik
3. “Quantifying the future effects of current natural resource use: A global study of groundwater drawdown”

Publications and Forthcoming

1. Rudik, I., Lemoine, D., and Marcheva, A. (2025). Equity and efficiency in the bipartisan infrastructure law’s adaptation investments. *Environmental and Energy Policy and the Economy*, 6(1):65–100

RESEARCH EXPERIENCE

Research Assistant, Cornell University

Dr. Ivan Rudik 2021, 2022, 2024
Dr. Catherine Kling 2022

Summer Research Assistant, for W. Michael Hanemann 2020

Research Assistant, University of Arizona

Dr. George Frisvold 2019-2020
Dr. Price Fishback 2019

Lab Assistant, University of Arizona

Dr. Charles Noussair 2019-2020

TEACHING EXPERIENCE

Teaching Assistant, Cornell University

Sustainable Business, Undergraduate/Masters 2025
Environmental Economics (grader), PhD 2023
Environmental Economics (grader), PhD 2023
Environmental Economics, Undergraduate 2023
Energy Economics, Undergraduate/Masters 2021

Teaching Assistant, University of Arizona

Intermediate Microeconomics, undergraduate 2019

CONFERENCE AND SEMINAR PRESENTATIONS

2025: University of Arizona (Ag econ); UA-ASU Environmental and Energy Economics Workshop; University of Arizona (Economics); Big Sky Workshop; Cornell University; Colorado University Workshop in Environment and Resource Economics; UCSB Occasional Workshop

2024: Cornell University

2023: Northeast Energy and Environmental Economics Conference (egg timer); Cornell University

2022: Berkeley/Sloan Summer School (egg timer); Cornell University

FELLOWSHIPS AND AWARDS

Graduate Fellow, Property and Environment Research Center (PERC) 2025
George F. Warren Award 2025
Edward and Janet Heslop Fellowship, Cornell University 2022, 2023
Cornell Graduate School Fellowship 2020

PROFESSIONAL SERVICE

Reviewer, Journal of Environmental Economics and Management	2025
Reviewer, AERE Summer Meeting Reviewer	2025
Dyson Diversity Council, Member, Cornell University	2021-2023
Events Coordinator, Economics Graduate Student Association	2023
Student Liaison, Sustainable Energy and Environmental Resources Seminar at Cornell	2022

OTHER

Citizenship: United States, European Union (Bulgaria)

Languages: English (native), Spanish (Advanced) , Russian, Bulgarian (Intermediate)

REFERENCES

Dr. Ivan Rudik

Chair
Associate Professor
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Dr. Catherine Kling

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Dr. Derek Lemoine

Professor of Economics
University of Arizona
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