

## RESEARCH INTERESTS

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**Applied Microeconomics**

**Applied Econometrics**

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

## EDUCATION

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**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

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### 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 Marcheua, 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

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**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

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**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

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**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

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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

Maloney Prize in Philosophy, Politics, Economics and Law	2019
Flinn Foundation Scholarship	2016

## PROFESSIONAL SERVICE

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

## OTHER

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Citizenship: United States, European Union (Bulgaria)  
Languages: English (native), Spanish (Advanced) , Russian, Bulgarian (Intermediate)

## REFERENCES

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### Dr. Ivan Rudik

*Chair*  
Associate Professor  
Cornell University  
irudik@cornell.edu

### Dr. Catherine Kling

Tisch University Professor  
Cornell University  
ckling@cornell.edu

### Dr. Derek Lemoine

Professor of Economics  
University of Arizona  
dlemoine@arizona.edu