

## RESEARCH INTERESTS

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

## EDUCATION

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<b>Cornell University</b> , Ithaca, NY	August 2020 — Expected: May 2026
PhD in Applied Economics and Management	
Primary Adviser: Ivan Rudik	
<b>University of Arizona</b> , Tucson, AZ	August 2016 — May 2020
B.A. in Mathematics; B.A. in Philosophy, Politics, Economics and Law	

## RESEARCH

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### Work in Progress

1. “The effects of annual water forecasts on irreversible groundwater investments and long-run water use,” 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. (2024). Equity and efficiency in the bipartisan infrastructure law’s adaptation investments. Technical report, National Bureau of Economic Research. Forthcoming

## RESEARCH EXPERIENCE

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<b>Research Assistant</b> , Cornell University	
Dr. Ivan Rudik	2021, 2022, 2024
Dr. Catherine Kling	2022
<b>Research Assistant</b> , University of Arizona	
Dr. George Frisvold	2019-2020
Dr. Price Fishback	2019
<b>Lab Assistant</b> , University of Arizona	
Dr. Charles Noussair	2019-2020

## TEACHING EXPERIENCE

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<b>Teaching Assistant</b> , Cornell University	
Environmental Economics (grader), PhD	2023
Environmental Economics, undergraduate	2023
Energy Economics, undergraduate	2021
<b>Teaching Assistant</b> , University of Arizona	
Intermediate Microeconomics, undergraduate	2019

## CONFERENCE AND SEMINAR PRESENTATIONS

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**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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Edward and Janet Heslop Fellowship, Cornell University	2022, 2023
Cornell Graduate School Fellowship	2020
Flinn Foundation Scholarship	2016

## PROFESSIONAL SERVICE

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<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, Russian, Bulgarian (Intermediate)