

PRAKASH MISHRA
<https://sites.google.com/mishra.org/prakashmishra>
mishrap@wharton.upenn.edu

WHARTON SCHOOL, UNIVERSITY OF PENNSYLVANIA

Placement Director: Eduardo Azevedo

EAZEVEDO@WHARTON.UPENN.EDU (215)-573-9984

Graduate Student Coordinator: Dhivya Kaushik

DHIVYA@WHARTON.UPENN.EDU (215) 898-1197

Office Contact Information

3733 Vance Hall 348C

Philadelphia, PA 19103

Office and/or cell phone number: (704) 290-8956

Personal Information: US Citizen

Undergraduate Studies:

Bachelors of Science, Bachelors of Science in Engineering

Economics & Systems Engineering

[Dual Degree: Jerome Fisher Management & Technology Program]

University of Pennsylvania, *summa cum laude*, 2019

Graduate Studies:

Wharton School, University of Pennsylvania, 2019-present

Thesis Title: Essays in Environmental Economics

Expected Completion Date: May 2024.

Thesis Committee and References:

Arthur van Benthem (Chair)

327 Vance Hall

3733 Spruce Street

Philadelphia, PA 19104

arthurv@wharton.upenn.edu

Gilles Duranton

452 Vance Hall

3733 Spruce Street

Philadelphia, PA 19104-6301

duranton@wharton.upenn.edu

Ulrich Doraszelski

333 Vance Hall

3733 Spruce Street

Philadelphia, PA 19104

ulrichd@wharton.upenn.edu

Susanna Berkouwer

322 Vance Hall

3733 Spruce Street

Philadelphia, PA 19104

sberkou@wharton.upenn.edu

Teaching and Research Fields:

Primary fields: Environmental Economics

Secondary fields: Industrial organization, trade

Teaching Experience:

Spring 2022, BEPP2500: Managerial Economics (Wharton)
2024 Head Teaching Assistant for Ulrich Doraszelski

Spring 2023 BEPP2630/7630: Energy and Environmental Economics and Policy (Wharton)
Teaching Assistant and Grader for Arthur van Benthem

Honors, Scholarships, and Fellowships:

2024	Wharton Global Initiative Research Grant
2024	Wharton Climate Center Research Grant
2022, 2023	Wharton Risk Center (Former) Russell Ackoff Doctoral Grants
2022- 2024	Winkelman Fellowship

Research Papers:

The Global Allocative Efficiency of Deforestation [Job Market Paper]

This paper quantifies the size of the unpriced carbon emissions-induced distortion in the joint global spatial allocation of agricultural and forested land. This distortion is nontrivial to quantify because (1) yields and the forest externality are correlated at a very fine scale, requiring novel data, (2) trade is costly, meaning correlation alone is insufficient to pin down the distortion, and (3) deforestation is highly concentrated among poor agriculturalists with near-subsistence preferences. I construct a new dataset of global land use, agricultural productivity, and forest biomass productivity. With this data, I estimate the first global elasticity of deforestation with respect to agricultural rents, estimated at 0.26 (0.01, 0.92). I use the implied global deforestation supply curve in a trade general equilibrium model to determine the size of the distortion. A \$190/ton CO₂ Pigouvian tax would have abated 70% of realized deforestation damages from 1982-2016 by reallocating agricultural land. Global agricultural production falls by 3% to support this emissions reduction, with prices rising by 6%. I find that 71% of cross-country variation in the uncovered distortion is explained by the spatial covariance between yields and damages.

An evaluation of protected area policies in the European Union [In Submission]

(with Arthur van Benthem, Mathias Reynaert, and Tristan Grupp)

The European Union designates 26% of its landmass as a protected area, limiting economic development to favor biodiversity. This paper uses the staggered introduction of protected-area policies between 1985 and 2020 to study the selection of land for protection and the causal effect of protection on vegetation cover and nightlights. Our results reveal protection did not affect the outcomes in any meaningful way across four decades, all countries, protection cohorts, and a wide range of land and climate attributes. We conclude that European conservation efforts lack ambition because policymakers select land for protection not threatened by development.

Research Paper(s) in Progress:

Examining the effects of the European Union's Common Agricultural Policy

(with Arthur van Benthem, Mathias Reynaert, and Tristan Grupp)

Evaluating the private provision of conservation: the case of Africa Parks

(with Santiago Saavedra)

Agricultural technology, urbanization, and the great diet convergence

Professional Activities

[* Indicates an upcoming talk or activity]

Presentations

14th Toulouse Conference on Climate and Energy, 2024

Association of Environmental and Resource Economists Conference, 2024

International PhD Workshop on Sustainable Development, 2022, 2024

The Workshop on Environmental Economics and Data Science (TWEEDS), 2023

Camp Resources XXIV, 2023

Discussant

International PhD Workshop on Sustainable Development, 2024

14th Toulouse Conference on Climate and Energy, 2024

Other Activities

Becker Friedman Institute, Price Theory Summer Camp, 2023

AEA Committee on the Status of LGBTQ+ Individuals in the Economics Profession Mentoring Workshop, 2023