

ERIK S. KATOVICH

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EDUCATION

University of Wisconsin-Madison

Expected 2022

PhD Candidate in Agricultural and Applied Economics

MS in Agricultural and Applied Economics (2020)

Dissertation: *Essays on Resource Governance and Development*

Committee: Ian Coxhead, Dominic Parker, Sarah Johnston, Steven Poelhekke, Rikhil Bhavnani

Universidade Estadual de Campinas (São Paulo, Brazil)

2016-2017

Fulbright Research Fellow

University of Minnesota-Twin Cities

2015

BS in Economics, *summa cum laude*, *Phi Beta Kappa*

RESEARCH FIELDS

Development Economics, Resource Economics, Political Economy

JOB MARKET PAPER

The Presource Curse? Anticipation, Disappointment, and Governance after Oil Discoveries

Abstract: Resource discoveries are often followed by long delays and heterogeneous production realizations. Post-discovery uncertainty creates challenges for governance: policymakers may alter present behavior in anticipation of future revenues or struggle to adapt to disappointed expectations. I explore the dynamics of local governance after offshore oil and gas discoveries in Brazil. I exploit quasi-experimental subnational variation in discoveries and subsequent production realizations to identify causal effects of news and revenue shocks on municipal public finances, public goods provision, and political competition, selection, and patronage. Using a forecasting model of offshore oil production, I decompose post-discovery impacts across places where production meets expectations and places that are left disappointed. Relative to never-treated controls, places that experience discovery announcements but never receive windfalls suffer significant declines in per capita investment and public goods spending after ten years. In contrast, places where discoveries are realized enjoy significant growth in per capita revenues and spending, but do not invest in economic diversification or improve public goods provision. Electoral competition increases after discovery announcements and less-educated candidates run for and win office. My findings identify how local governments and politicians respond to shocks across time. Methodologically, I highlight the importance of accounting for dynamic treatment effects and heterogeneity in production outcomes after discovery announcements.

WORKING PAPERS

Labor Reallocation, Human Capital Investment, and ‘Stranded Careers’: Evidence from an Oil Boom and Bust *(with Dominic Parker and Steven Poelhekke)*

Abstract: How are workers’ careers shaped by exposure to a volatile sector? Drawing on employer-employee linked panel data covering the universe of formal workers in Brazil between 2003-2017, we identify

workers who are poached or newly hired into oil-linked sectors (direct, upstream, and downstream) during periods of oil boom and bust. We estimate dynamic effects of exposure to the oil sector on wages, employment, promotion, and lifetime formal earnings, relative to (extremely) closely matched counterfactual workers who are poached or newly hired into other sectors at the same time. Results show that timing of entry into oil matters: workers hired into oil-linked sectors at the beginning of Brazil's oil boom earn significantly more than matched workers hired into other sectors; workers hired immediately prior to or during busts suffer significant and persistent earnings and employment penalties. Furthermore, exposure to oil exerts dramatically heterogeneous effects on workers of differing education levels. High education workers earn more during boom years and are retained by firms during busts. Lower education workers never enjoy significant gains during the boom and are laid off during busts. Exploiting a complementary dataset on oil-linked graduates from higher education programs in Brazil, we document that the oil boom period was accompanied by rapid growth in oil-linked human capital investment, driven by growth in private-sector technical training programs.

Agricultural Elites, Special Interest Politics, and Deforestation in the Amazon

(with Fanny Moffette)

Abstract: When economic incentives to clear land for agriculture run up against centralized efforts to combat deforestation, do local politicians intercede to promote their own economic interests or those of their campaign supporters? How does the behavior of local politicians and special interest groups change when centralized enforcement efforts are relaxed? By combining comprehensive land registries for the Brazilian Amazon, data on local political candidates and campaign donors in five municipal elections between 2000-2016, and satellite data on deforestation and land use, we construct an original panel dataset of annual tree cover loss on properties belonging to political candidates and campaign donors in the Brazilian Amazon between 2000-2020. Drawing on this dataset, we estimate event studies around close municipal elections and find that deforestation *decreases* on landowning candidates' properties while they are in office, but *increases* on the properties of their campaign donors. Our findings inform debates over the decentralization of resource governance, elite capture, and resource conservation policy.

PEER-REVIEWED PUBLICATIONS

Katovich, Erik S. and Alexandre Gori Maia, The Relation Between Labor Productivity and Wages in Brazil: A Sectoral Analysis. *Nova Economia*, Vol. 28, No. 1, pg. 7-38 (2018).

Smith, Pamela J. and Erik S. Katovich, Are GMO Policies "Trade Related"? Empirical Analysis of Latin America. *Applied Economic Perspectives and Policy*, Vol. 39, No. 2, pg. 286-312 (2017).

WORK IN PROGRESS

Can Natural Resources Promote Industrialization? Firms, Competition, and Spillovers from an Industrial Policy *(funded by STEG-CEPR PhD Research Grant—\$19,000)*

Creating Knowledge Economies: Innovative Firms and Skilled Workers After a Nation-Wide University Rollout *(with Ana Paula Melo)*

OTHER PUBLICATIONS

What Do We Really Know About the Impacts of Improved Grain Legumes and Dryland Cereals: A Critical Review of Impact Studies, *ICRAF Working Paper Series*, No. 295, World Agroforestry-Nairobi (2019) *(with Kai Mausch, Karl Hughes, Michael Hauser, and Andrew Feist)*

TEACHING EXPERIENCE

Teaching Assistant, *Growth and Development of Nations in the Global Economy* Fall 2018
Received University-wide *Early Excellence in Teaching Award*

RESEARCH EXPERIENCE

Research Assistant to Paul Dower, Emilia Tjernström, & Laura Schechter 2019-Present
Department of Agricultural and Applied Economics, UW Madison Madison, WI

Visiting Researcher June-August 2019
Institute of Economics, Federal University of Rio de Janeiro Rio de Janeiro, Brazil

Impact Evaluation Fellow June-August 2018
World Agroforestry Center (ICRAF) Nairobi, Kenya

Technical Training Grantee January-July 2017
Unicamp, São Paulo Research Association (FAPESP) Campinas, Brazil

Fulbright Research Fellow February-December 2016
Center for Agricultural and Environmental Economics, Unicamp Campinas, Brazil

Field Survey Coordinator June-August 2014
Winrock International-Nepal Kathmandu, Nepal

Undergraduate Research Assistant to Pamela Smith June-December 2012
Department of Applied Economics, University of Minnesota St. Paul, MN

OTHER PROFESSIONAL EXPERIENCE

Bilingual Immigrant Legal Services Assistant September-December, 2015
International Institute of Minnesota St. Paul, MN

Refugee and Immigrant Program Intern (asylum-seeker interviews) June-December 2013
The Advocates for Human Rights Minneapolis, MN

CONFERENCES AND INVITED PRESENTATIONS

2021: Universidade Federal Fluminense (Scheduled), APPAM (Scheduled), SEA (Online), Universidade de São Paulo-FEA (São Paulo, Brazil), NEUDC (Online), LACEA (Online), Sovereign Wealth Fund of Niterói (Niterói, Brazil), Universidad de San Andrés (Buenos Aires, Argentina), AAEA (Austin, Texas), AERE (Online), WEAI (Online); **2019:** Hoover Institution (Washington D.C.); **2017:** ANPEC (Natal, Brazil); **2016:** COES-LSE (Santiago, Chile)

GRANTS AND FELLOWSHIPS

Structural Transformation and Economic Growth PhD Research Grant (\$19,000) 2021
Doctoral Research Travel Grant, UW Madison (\$1,500) 2021
Tinker Nave Latin American Studies Field Research Grant, UW Madison (\$2,300) 2019 & 2021
IRIS Graduate Student Summer Fieldwork Award, UW Madison (\$3,000) 2019
University Graduate Fellowship, UW Madison (\$34,500×2) 2017 & 2020
Technical Training Grant, São Paulo Research Association (FAPESP) (\$1,000) 2017
Fulbright Research Grant to Brazil (\$16,000) 2016
Undergraduate Research Opportunity Grants (\$1,700×2) 2012 & 2014

AWARDS, MEMBERSHIP, AND SERVICE

Awards

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| Bromley Prize for Best Dissertation Paper, UW Madison AAE | 2021 |
| Early Excellence in Teaching Award, UW Madison | 2020 |
| Best Undergraduate Thesis, Minnesota Economic Association | 2015 |
| Gorence Endowed Scholarship in Economics, U of MN Economics | 2013 & 2014 |
| Presidential Merit Scholarship, U of MN | 2011-2015 |
| National AP Scholar | 2011 |
| National Merit Scholar | 2011 |

Membership

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|---|--------------|
| Affiliate, Elections Research Center, UW-Madison | 2021-present |
| Affiliate, Latin American, Caribbean, and Iberian Studies, UW-Madison | 2020-present |
| Latin American and Caribbean Economic Association | 2021-present |
| Agricultural and Applied Economics Association | 2020-present |
| Association of Environmental and Resource Economists | 2020-present |

Service

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| Graduate Student Representative, Dept. of Agricultural and Applied Economics | 2020-2021 |
| Coordinator, Development and Political Economy Workshop, UW-Madison | 2020-2021 |

Refereeing

Latin American Research Review

LANGUAGE AND COMPUTER SKILLS

Languages: English (native), Portuguese (fluent), Spanish (fluent)

Computer Skills: Stata, R, L^AT_EX, SurveyCTO, Git

REFERENCES

Ian Coxhead (Main Advisor)

Professor
University of Wisconsin-Madison
Phone: + 1 608 262 6390
Email: ian.coxhead@wisc.edu

Dominic Parker

Associate Professor
University of Wisconsin-Madison
Phone: + 1 608 262 8916
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Steven Poelhekke

Professor
University of Auckland
Phone: +64 9 923 5463
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Alexandre Gori Maia

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