

ADEMIR ROCHA

CONTACT

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PROFILE

Ademir Rocha received his Ph.D. in Economic Theory from the University of São Paulo in 2022. He is a Lecturer at the Department of Economics at the University of São Paulo and Researcher at The Institute of Economic Research Foundation (Fipe). His research focuses on large-scale modeling, with particular interest in environmental economics and regional and urban economics topics.

EDUCATION

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|--|-----------|
| - Ph.D. in Economic Theory, University of São Paulo | 2018-2022 |
| Ph.D. Thesis: Climate change, water resources and economic impacts: An analysis of Brazilian hydrographic regions (Supervisor: Prof. Eduardo Haddad) | |
| - M.Sc. in Applied Economics | 2016-2017 |
| - BA in Economics | 2012-2015 |

EXPERIENCE

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|---|----------------|
| Economic Consultant , The Institute of Economic Research Foundation - Fipe | 2020 - Present |
| Lecturer , Department of Economics, University of São Paulo | |
| Grade: Macroeconomics Introduction - National Accounting | 2022 - Present |
| Lecturer , Department of Economics, University of São Paulo | |
| Grade: Microeconomics Introduction | 2022 - Present |
| Assistant Professor , Department of Economics, University of São Paulo | |
| Grade: Applied General Equilibrium Models I and II | 2019 - Present |

RESEARCH FIELD

- Input-Output and CGE Analysis
- Environmental Economics
- Climate Change Economics
- Regional and Urban Economics

PUBLICATION LIST

- Water charge and natural areas conservation: An ex-ante assessment of a policy proposal for the Mantiqueira region, Brazil, **Water Resources Research**. 2023
- New economy for the Brazilian Amazon, **WRI Report**. 2023
- The geography of manufacturing productivity shocks in Colombia The Colombian Economy and Its Regional Structural Challenges (Book Chapter), **The Colombian Economy and Its Regional Structural Challenges. Advances in Spatial Science**. Springer. 2023
- Input–output analysis of the Ukraine war: A tool for assessing the internal territorial impacts of the conflict, **Regional Science Policy & Practice**. 2022
- The key to knowledge: Evaluating the role of gatekeepers on regional inventive performance, **Journal of Technology Transfer**. 2022
- The New Economic Geography and labour emigration: Analysing Venezuela’s hyperinflation episode, **Journal of International Development**. 2021
- A bad year? Climate variability and the wine industry in Chile, **Wine Economics and Policy**. 2020
- Spatial distribution of logistics services in Brazil: A potential market analysis, **Regional Science Policy & Practice**. 2020
- Agricultural technology adoption and land use: evidence for Brazilian municipalities, **Journal of Land Use Science**. 2019
- Modelling the location choice: evidence from an evolutionary game based on regional input–output analysis, **Regional Studies**. 2019

WORKING IN PROGRESS

- Economic impacts of floods in Santiago, Chile. 2024
- Assessing the economic and water-related impacts of desalination plants in Chile using an interregional computable general equilibrium model. 2024
- What is the economic value of illegal deforestation? 2023
- Domestic trade drives Brazilian Amazon’s deforestation. 2023
- Region-specific carbon footprints of Brazilian products. 2023
- Virtual carbon by emission source: an analysis of the Brazilian case. 2023
- Economic evaluation of the Croatian Community Water System Investment Program 2021-2030: an ex-ante analysis with CGE model. 2022
- Climate change, water resources and economic impacts in Brazilian hydrographic regions. 2022
- Measuring the causal effect of no-till system adoption on Brazilian natural areas. 2021

LANGUAGES

- Portuguese (Native)
- English (Intermediate)

SKILLS

- R (Advanced)
- Python/QGIS (Advanced)
- Matlab (Advanced)
- Stata (Intermediate)