

Vinícius Hector

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Education

(2025 – 2027) **Fundação Getulio Vargas**
Ph.D. in Economics at FGV EPGE
Research Area: Energy Economics

(2023 – 2025) **Fundação Getulio Vargas**
M.Sc. in Economics at FGV EPGE
Research Area: Environmental Economics

(2019 – 2022) **Fundação Getulio Vargas**
B.Sc. in Economics at FGV EPGE
Merit-based full scholarship

Skills

- Data Science
- Data Visualization
- R
- Git
- Econometrics
- Python
- GIS
- Machine Learning
- Research
- Teamwork

Publications

Araujo, R., Costa, F., Hector, V., Sant'Anna, M. (2026). Powerful Forest: The Welfare Implications of Amazon Deforestation for the Brazilian Power Sector. Rede PP&S Working Paper Series.

Hector, V., Araujo, R., Costa, F. (2026). Drying the Wetland: Water Scarcity in the Brazilian Pantanal. Journal of Environmental Economics and Management, 138, 103333.

Hector, V. (2024). Python & Google Earth Engine: How to clean MapBiomas LULC rasters for any shapefile in Brazil. Towards Data Science.

Vargas, D., Delazeri, L., Hector, V. (2022). Voluntary Carbon Market in Brazil: in Reality and in Practice. FGV EESP.

Experience

The World Bank Group
Short Term Consultant
Washington DC, 07/26 – 12/26
Rio de Janeiro, 05/25 – 07/26

Research assistant for the Development Impact (DECDI). I use machine learning, EDA and GIS tools to support research in environmental economics.

The World Bank Group
Short Term Consultant
Rio de Janeiro, 08/24 – 12/24

Researcher for the Green Waters Flows Project. I used GIS and econometrics tools to estimate the impact of tropical deforestation on global rainfall and hydropower generation.