

Francisco JM Costa

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Positions and Affiliations

University of Delaware, Department of Economics	Assistant Professor	2021–
School of Marine Science and Policy (joint appointment)		2022–
J-PAL (LAC & K-CAI)	Invited Researcher	2021–
UCSD, Department of Economics	Visiting Scholar	2017–2018
FGV EPGE Brazilian School of Economics and Finance	Assistant Professor	2013–2021

Education

London School of Economics	Ph.D. Economics	2008–2013
FGV EPGE Brazilian School of Economics and Finance	M.A. Economics	2006–2008
FGV EPGE Brazilian School of Economics and Finance	B.S. Economics	2002–2005

Research

Research interests: Development Economics and Environmental Economics.

Publications

- “How to Attract Physicians to Underserved Areas? Policy Recommendations from a Structural Model”, with Leticia Nunes and Fabio Sanches. Forthcoming at **Review of Economics and Statistics**.
- “Stop Suffering: Economic Downturns and Pentecostal Upsurge”, with Angelo Marcantonio and Rudi Rocha. **Journal of the European Economic Association**, 2023, 21(1):215-250. *Editor’s Choice Collection*.
- “The Impact of Climate Change on Risk and Return in Indian Agriculture”, with Fabien Forge, Jason Garred and Joao Paulo Pessoa. **Environmental and Resource Economics**, 2023, 85:1-27.
- “Hysteresis and the Welfare Effect of Corrective Policies: Theory and Evidence from an Energy Saving Program”, with François Gerard. **Journal of Political Economy**, 2021, 129(6):1705-1743.
- “Winners and Losers from China’s Ascension in International Trade: a Structural Approach”, with João Paulo Pessoa. **Brazilian Review of Econometrics**, 2019, 39(2):185-216.
- “Homicides and Age of Criminal Responsibility in Brazil: A Density Discontinuity Approach”, with B. Caballero, J. de Faria, and F. Iachan. **Economia, the journal of LACEA**, 2018, 19(1):59-92.
- “Effort Complementarity and Team Size, An Experimental Analysis of Moral Hazard in Teams”, with J. Dutra. **Economics Bulletin**, 2018, 38(1):20-29.
- “Winners and Losers from a Commodities-for-Manufactures Trade Boom”, with Jason Garred and João Paulo Pessoa. **Journal of International Economics**, 2016, 102:50-69.

Working Papers

- “Efficient Forestation in the Brazilian Amazon”, with Rafael Araujo and Marcelo Sant’Anna. R&R at **Review of Economics Studies**.
- “The Deforestation Effects of Trade and Agricultural Productivity in Brazil”, with Igor Carreira and Joao Paulo Pessoa. R&R at **Journal of Development Economics**.
- “National Borders and the Conservation of Nature”, with Robin Burgess and Ben Olken. *Submitted*.

“Going Viral: Public Attention and Environmental Action in the Amazon”, with Rafael Araujo and Teevrat Garg. *Submitted*.

“The Environmental Costs of Political Interference: Evidence from Power Plants in the Amazon”, with Dimitri Szerman and Juliano Assunção.

“Too Hot to Learn? Evidence from Grade Progression and School Dropouts”, with Diana Goldemberg. R&R at **Economic Inquiry**.

Grants, Fellowships, & Awards

Economics Department Award for Outstanding Research, University of Delaware, 2023

International Growth Centre, Small Research Grant, 2022.

University of Delaware, General University Research Grant, 2022.

J-PAL K-CAI, Proposal Development Grant, 2022.

CAPES/Brazilian Ministry of Education, PrInt Grant (PI), 2018-2021.

Fellow of the Brazilian Academy of Sciences, 6th Lindau Meeting of Nobel Laureates in Economics, 2017

Getulio Vargas Foundation, Applied Research Grant, 2014, 2015, 2016, 2017.

Brazilian Econometric Society (SBE), Runner-up Best Applied Micro Paper SBE Prize, 2013, 2016.

ANPEC, Haralambos Simeonides Prize, Best Economics PhD Thesis in Brazil, 2014.

FAPERJ, Universal Research Grant (APQ1), 2014, 2015.

Royal Economic Society, Junior Fellowship, 2012-2013.

London School of Economics, David T Beers Fellowship, 2008-2012.

CAPES/Brazilian Ministry of Education, Fellowship for Master's Program in Economics, 2006-2007.

FAPERJ, Scientific Initiation Scholarship, 2003-2004.

Getulio Vargas Foundation, Tuition Fellowship, B.Sc. in Economics, 2002-2005.

Invited Seminars and Conferences

2024 (including scheduled): ASSA (discussant).

2023 (including scheduled): IDB, Penn State (AESE), Salisbury U, LSE Environment Week, AERE@ASSA, LACEA, LACEA TIGN Conference*, Annual Meeting CEA*, CITP*, TIGN/IADB*, North America UEA*.

2022: SBE Applied Economics Seminar, Occasional Workshop UCSB*, LACEA TIGN Conference (discussant), TSE Conference on Energy and Climate Economics*, Cowles Conference on Models and Measurement*, LAERE-EfD Seminar, DENIN (U Delaware), LSE Environment Week, AERE@SEA.

2021: joint MIT-Columbia-Stanford-Cornell Energy & Environmental Economics seminar, U of Georgia, Wharton, NBER EEE Spring Meeting, AERE Summer Conference, Columbia U (ILAS), ASSA Meeting (presenter & discussant), LACEA/LAMES, KDI Frontiers in Development Policy, Barcelona GSE Summer Forum AIO*, ASHEcon*, BNDES*, Insper Workshop on Economics of Crime (discussant).

2020: U Delaware, U Calgary, Wake Forest U, GoSee, AERE Summer Conference*, EAERE*, RIDGE ENV*.

2019: World Bank (DECRG), Insper, CEPR/CAGE Conference on the Economics of Religion, NEUDC, AERE Summer Conference, Occasional Workshop UCSB*, RIDGE ENV, LACEA Health Network*, SBE.

2018: McGill U, U of Ottawa, PUC-Chile, U de Chile, NBER EEE SI (discussant & egg-timer), ASREC Summer Conference, RIDGE/LACEA-PEG, Annual Meeting CEA*, LSE Conference on Environmental and Development Economics*, REAP&SBE, PUC-Rio/PIMES Applied Economics Meeting, EfD Annual Meeting*, Economics of Low-Carbon Markets Conference, SBE.

2017: AERE Summer Conference (Sponsored Session)*, TCD/LSE/ CEPR Workshop in Development Economics, EBAPE, CAEN/EPGE, EEA Meeting*, LAMES-LACEA*, SBE*.

2016: NBER EEE Spring Meeting*, RIDGE PEG, Deforestation Workshop NHH-INPE, NEUDC ($\times 2$), Jobs and Development Conference (World Bank), PET 16, Economics of Low-Carbon Markets Conference, SBE.

2015: NBER PE Spring Meeting*, UT Knoxville, FGV EESP, PUC-Rio, SBE, Anpec*, REAP, CAEN/EPGE, IPEA, FGV/Princeton Conference, 9^o Fórum Brasileiro de Segurança Pública.

2014: TIGN/IADB, ZEW/IAB/RCEA Workshop*, World Bank (DIME IE Workshop), LAMES, SBE, IPEA, FEA-USP, Insper, PUC-Rio.

2013: World Bank (DRG and DIME Seminars), IDB, Harris School (U of Chicago), WP Carey School of Business (ASU), UC Berkeley (ERG), FEA-USP, U of Bristol, Aalto, FGV EPGE, PUC-Rio, LAMES, Economics of Low-Carbon Markets Conference, SBE.

* Paper accepted at conference, presented by co-author.

Services

Reviewer: American Economic Journal: Applied Economics, American Economic Journal: Economic Policy, Economics Bulletin, Economics and Business Letters, Economics Letters, Economia (LACEA), Empirical Economics, Environmental and Development Economics, Environmental and Resource Economics, European Economic Review, Journal of the Association of Environmental and Resource Economists, Journal of Banking and Finance, Journal of Demographic Economics, Journal of Economic Behavior and Organization, Journal of Environmental Economics and Management, Journal of the European Economic Association, Journal of Human Resources, Journal of International Economics, Journal of Money, Credit, and Banking, Journal of Political Economy Microeconomics, Journal of Public Economics, Nature Climate Change, Nature Sustainability, Political Geography, Review of Economics and Statistics, Science, Scientific Reports, Economia (ANPEC), Revista Brasileira de Economia, Pesquisa e Planejamento Econômico (IPEA). *Grant reviewer*: World Bank, J-PAL. *Scientific committee*: AERE Summer Conference 2022/2023, LACEA 2014/2021, Lindau Meeting 2020/2022, SBE 2014, Anpec 2013. *Guest Editor*: Economia (ANPEC), special issue Economics of Climate Change 2024. *Mentor*: ECONecta. *Board member*: Brazilian Econometric Society (SBE) 2016–2019.

Teaching

U Delaware: ECON306 Introduction to Econometrics, 2021–; ECON822 Econometric Theory I (graduate), 2021; ECON822 Econometric Theory II (graduate), 2023–.

FGV EPGE: Topics in Development Economics, 2020; Development Economics II (graduate), 2014, 2016–2021; Foundations of Microeconomics II, 2013–2016, 2019; Environmental Economics, 2015.

Teaching Assistant at LSE: EC302 Political Economy, EC201 Microeconomic Principles I, EC102 Economics B, EC101 Intro. to Microeconomics, Intro. to Stata for MSc Students, 2009–2013.

Advising and Dissertation Committees

PhD students: Gerald Ipapa (UD); at FGV: Rafael Araujo ('22), Wagner Oliveira ('22), Francisco Luis Lima ('20), Letícia Nunes ('19), Diana Goldemberg ('18), Bernardo Coelho ('17).

PhD committees: X Wang (UD '22); at FGV: L Rachter ('20), G Richter ('20), R Ornelas ('19), F Moraes ('18), V Neto ('18); Externals: K Ussami (USP '22), R Gomez (UFV '22), M Boreli (EESP '21), L Gouvea (PUC-Rio '19), B Vigna (UFRJ '19), C Gandour (PUC-Rio '18), S Oliveira (PUC-Rio '18), L Schiavon (PUC-Rio '17), A Lenz (EBAPE '16), A Schutze (PUC-Rio '15).

Miscellaneous

Languages: Fluent spoken and written: English and Portuguese (native). Last updated: September 29, 2023