

# ALPIO FERREIRA

Southern Methodist University, Department of Economics

## GENERAL INFORMATION

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Fields: Environmental economics, Public Economics

## EMPLOYMENT

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Assistant Professor of Economics at Southern Methodist University ( <i>current</i> )	<i>Dallas, 2023-</i>
Postdoctoral Fellow at J-PAL King Climate Action Initiative	<i>Rio de Janeiro, 2022-2023</i>
Consultant at Trinomics Environmental Consulting	<i>Rotterdam, 2015-2016</i>
Economic Assistant at São Paulo State Ministry of Finance	<i>São Paulo, 2013-2014</i>
Intern at Brazilian Institute of Economics IBRE	<i>São Paulo, 2012</i>

## EDUCATION

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MRes and PhD, Toulouse School of Economics, France	<i>2016 - 2022</i>
Supervisors: Mathias Reynaert, Stefan Ambec, Helmuth Cremer Research visit, Institute for Fiscal Studies, London, UK	<i>April-August 2021</i>
MSc in Economics, Tilburg University, the Netherlands	<i>2014-2015</i>
BSc in Economics, São Paulo School of Economics, FGV, Brazil Exchange Semester, Mannheim University, Germany	<i>2008-2012 September-December 2010</i>

## WORKING PAPERS

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Forest Conservation Behaviour Improved by Immersive Virtual Experiences: Evidence From a Field Experiment with Virtual Reality in Brazil (*with Sanchayan Banerjee*)

Historical Occupation and Modern Deforestation: Evidence from Indigenous Extinctions in the Amazon (2023) (*with Bruno Barsanetti*)

Amazon Deforestation: a Survey of Drivers, Externalities, and Policies (2022)

Satellites and Fines: Using Monitoring to Target Inspections of Deforestation (2021)

How to Target Enforcement at Scale? Evidence from Tax Audits in Senegal (2021) (*with Pierre Bachas, Anne Brockmeyer and Bassirou Sarr*)

Optimal (double) Taxation With Tax Evasion and Firm Growth (2021)

## WORK IN PROGRESS

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Measuring the Impact of Restoration Incentives on Forest Cover and Water Quality: Evidence from a Large-Scale PES in Brazil (*with Jennifer Alix-Garcia and Katharine Sims*)

Using Satellite Data to Improve the Enforcement of Waste Dump Regulation in Peru (*with Manuel Barron and Cesar Huaroto*)

Reducing Discretion in the Assignment of Enforcement Cases: Evidence from Environmental Inspections in Peru (*with Cesar Huaroto*)

## REFEREEING SERVICE

Journal of the European Economic Association, The Economic Journal, Journal of Environmental Economics and Management

## TALKS AT SEMINARS, CONFERENCES AND WORKSHOPS

UDEP Workshop on Experimental Economics (Lima)	2024
LSE-Chicago Conference on the economics of crime and justice (London)	
RIDGE Workshop on Public Economics (Santiago)	
RIDGE BRAIN Workshop (Santiago)	
RIDGE Workshop on Environmental Economics (Medellín)	2023
LACEA LAMES, CAF Invited Session on Climate Change (Bogotá)	
Seminar at Universidade Federal de Pernambuco (Recife)	
Seminar at Universidade Federal do Rio de Janeiro (virtual)	
Seminar at Universidad del Pacífico (Lima)	
Seminar MAP - Microeconomía Aplicada al Perú (virtual)	
Seminar at University of New Mexico (Albuquerque)	
IIPF (Logan)	
RIDGE Workshop on Environmental Economics (Montevideo)	2022
LACEA LAMES, CAF Invited Session on Climate Change (Lima)	
Ninth UDEP Workshop for Young Economists (Lima)	
Workshop on Environmental Policy, CAF Development Bank (Buenos Aires)	
Econometric Society Winter Meeting in Barcelona (virtual)	2021
17th EUDN PhD Workshop on Development Economics in Wageningen (virtual)	
Seminar at Climate Policy Initiative in Rio de Janeiro (virtual)	
Development Seminar at Institute for Fiscal Studies (virtual)	
SHADOW Conference (Trento)	2019
Doctoral Meeting Montpellier (Montpellier)	2018

## TEACHING

Environmental Economics, Ph.D., Southern Methodist University	2024
Environmental Economics, Undergraduate, Southern Methodist University	2024
T.A. Public Economics, MSc, Helmuth Cremer, Toulouse School of Economics	2020-2021
T.A. Econometrics of Program Evaluation, MSc, Thierry Magnac, Toulouse School of Economics	2020-2021
T.A. Introductory Econometrics, Bachelors 3rd year, Thierry Magnac, Toulouse School of Economics	2019
T.A. Macroeconomics, Bachelors 3rd year, Roberta Dessi, Toulouse School of Economics	2018
T.A. Macroeconomics, Bachelors 1st year, Sumudu Kankanamge, Toulouse School of Economics	2016

## GRANTS AND PRIZES

Bush Institute Research Grant	2023
University Research Council, Research Grant - Southern Methodist University	2023
J-PAL King Climate Action Initiative, Proposal Development Grant	2022
TSE Job Market Fellowship	2021
Best Teaching Assistant Award, Masters level (BDI Students Association, Toulouse)	2020
Jean-Jacques Laffont Doctoral Grant (Toulouse)	2016-2017
FAPESP Research grant (São Paulo)	2012

## POLICY WORK

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The impact of COVID-19 on formal companies in Senegal (2020). World Bank Practice Notes, 2020 (*with Pierre Bachas, Anne Brockmeyer, Bassirou Sarr and Camille Semelet*)

Green infrastructure and flood management (2017). EEA (*with Gorm Dige, Lisa Eichler, Jurgen Vermeulen, Koen Rademaekers, Veronique Adreanssens, Dagna Kolaszewka*)

Selecting indicators to measure energy poverty (2016). European Commission (*with Koen Rademaekers, Jessica Yearwood, Steve Pye, Ian Hamilton, Paolo Agnolucci, Nataliya Anisimova*)

Study in support of the mid-term evaluation of the functioning and the implementation of Council Directive 2009/119/EC on Oil Stocks (2016). European Commission (*with Nick van der Lijn, Rob Williams, Jurgen Vermeulen*)

Study in support of the mid-term evaluation of the functioning and the implementation of Council Directive 2009/119/EC on Oil Stocks (2016). European Commission (*with Nick van der Lijn, Rob Williams, Jurgen Vermeulen*)

## SKILLS

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**Programming skills:** Stata, R, Matlab, LaTeX

**Languages:** English, French, Portuguese (native), Spanish, German, Dutch (intermediate).