

Filippo PAVANELLO

CONTACT INFORMATION	Poschingerstraße 5 Center for Energy, Climate and Resources ifo Institute 81679 München, Germany	 (+39) 3480610529  pavanello@ifo.de  FPavanello  fpavanello.github.io
RESEARCH FIELDS	Primary: Environmental Economics Secondary: Development Economics, Health Economics, Applied Microeconomics	
AFFILIATIONS	ifo Institute LMU München CESifo Research Network Euro-Mediterranean Center on Climate Change Ca' Foscari University of Venice	
ACADEMIC POSITIONS	Assistant Professor (non-tenure track) , ifo Institute and LMU München <i>Center for Energy, Climate, and Resources</i>	2024-
	Affiliate Researcher , CESifo Research Network <i>Energy and Climate Economics</i>	2024-
	Research Fellow , Parthenope University of Naples <i>Department of Economics</i>	2024
	Affiliate Scientist , Euro-Mediterranean Center on Climate Change <i>Economic analysis of Climate Impacts and Policy (ECIP)</i>	2020-
	Affiliate Researcher , Ca' Foscari University of Venice <i>Department of Economics</i>	2019-
EDUCATION	PhD in Economics , University of Bologna <i>Department of Economics</i>	2019-2024
	- Advisors: Annalisa Loviglio, Anastasios Xepapadeas - Examiners: Maria Arvaniti (Unibo), Alessandro Tavoni (Unibo), Katrin Millock (PSE)	
	MSc. in Economics and Finance , Ca' Foscari University of Venice <i>Department of Economics</i>	2016-2018
	- Grade: 110/110 <i>cum Laude</i>	
	BA in Economics and Trade , Ca' Foscari University of Venice <i>Department of Economics</i>	2013-2016
	- Grade: 110/110 <i>cum Laude</i>	
WORK EXPERIENCE	Research Intern , Organisation for Economic Development and Cooperation (OECD) <i>Environment (ENV) Directorate</i>	2021, 2022
	Research Assistant , Ca' Foscari University of Venice <i>Department of Economics</i>	2018, 2019

VISITING
EXPERIENCE

Visiting Student, Boston University
Center for Innovation in Social Science

2023

PUBLICATIONS

De Cian, E., Falchetta, G., **Pavanello, F.**, Romitti, Y., Sue Wing, I. (2025). The Impact of Air conditioning on Residential Electricity Demand across World Countries. *Journal of Environmental Economics and Management*, 103122 [[Paper](#)]

Falchetta, G., De Cian, E., **Pavanello, F.**, Sue Wing, I. (2024). Inequalities in global residential cooling energy use to 2050. *Nature Communications*, 15(1), 1-13. [[Paper](#)]

Randazzo, T., **Pavanello, F.**, De Cian, E. (2023). Adaptation to climate change: Air-conditioning and the role of remittances. *Journal of Environmental Economics and Management*, 102818. [[Paper](#)]

Pavanello, F., De Cian, E., Davide, M., Mistry, M., et al. (2021). Air-conditioning and the adaptation cooling deficit in emerging economies. *Nature Communications*, 12(1), 1-11. [[Paper](#)]

De Cian, E., **Pavanello, F.**, Randazzo, T., Mistry, M. N., Davide, M. (2019). Households' adaptation in a warming climate. Air conditioning and thermal insulation choices. *Environmental Science & Policy*, 100, 136-157. [[Paper](#)]

WORKING
PAPERS

Public finance resilience in the transition towards carbon neutrality: Modelling policy instruments in a global net-zero emissions (with J. Fouré, R. Dellink, E. Lanzi) [*R&R at Environmental and Resource Economics*] [[OECD Working Paper](#)]

Income shocks, adaptation, and temperature-related mortality: Evidence from the Mexican labor market (with M. Gilli, L. Sarmiento, S. Shayegh) [*under Review*] [[CESifo Working Paper](#)]

Emergency Departments Visits and Temperature: Evidence from Mexico (with F.P. Colelli, L. Sarmiento) [*under Review*] [[Draft](#)]

Adapting to Heat Extremes with Unequal Access to Cooling: Evidence from India. (with I. Sue Wing) [[Draft](#)]

Co-benefits of Substance Abuse Regulation on Temperature and Intimate Partner Violence (with G. Zappalà) [[Draft](#)]

Mortality, Temperature, and Public Adaptation Policy: Evidence from Italy (with G. Valenti) [[Draft](#)]

Assessing climate change costs for EU households (with L. Campagnolo, E. De Cian, et al.) [*Draft available upon request*] [Project: EESC/FSA Tender]

(SELECTED)
RESEARCH IN
PROGRESS

The Impact of Temperature Extremes on Local Power Distribution (with F.P. Colelli, L. Sarmiento) [*Draft available soon*]

Does social identity influence adaptation to hot temperatures? (with E. De Cian and T. Randazzo) [*Draft available soon*] [Project: PRICE-PRIN2022]

The (long-term) consequences of austerity policy on mortality and temperature relationship: Evidence from Italy (with G. Valenti) [*Draft available soon*]

Crime, temperature, and alcohol prohibition (with E. De Cian and T. Randazzo) [*Analysis stage*] [Project: PRICE-PRIN2022]

Trade-Offs in Adaptation and Energy Use (with F.P. Colelli, E. De Cian, G. Falchetta, A. Mazzone, I. Sue Wing) [*Invited review for Annual Review of Resource Economics*]

Temperature and Harsh Parenting (with E. De Cao and P.A. Naß) [*Analysis stage*]

The (Relative) Prices of Climate Change (with D. Difino) [*Analysis stage*]

POLICY WORK Analisi preliminare propedeutica alla elaborazione della “Strategia regionale di adattamento al cambiamento climatico”: gli impatti socio-economici dei cambiamenti climatici in Veneto (ARPAV) [In Italian — [Presentation](#)]

The cost of climate change on households and families in the EU (European Economic and Social Committee) [[Report](#)]

BOOK CHAPTERS De Cian, E., Squarci, G., Crimi, J., Mazzone, A., Cruz, T., Bezerra, P., Campagnolo, L., Colelli, F.P., Davide, M., Falchetta, G., Jagu, D., Lucena, A. F., Mistry, M., **Pavanello, F.**, Randazzo, T., Renner, S., Schaefer, R. & Sue Wing, I. (2023). The Cooling Solution. The future of air-conditioning and its impact on society. [[Online Reading](#)]

RESEARCH PROJECTS	PRICE - PRIN2022 (Researcher)	2024-2025
	ARPAV (Researcher)	2023
	EESC/FSA Tender (Researcher)	2022-2023
	EnergyA - ERC Starting Grant (Researcher)	2018-2023

GRANTS	Inequality and the Environment Symposium: Sciences Po, Participation Grant	2024
	Italian Society for Climate Sciences, Participation Grant	2023
	University of Bologna, Marco Polo Scholarship	2023
	Euro-Mediterranean Center on Climate Change, Research Scholarship	2021-Present
	University of Bologna, PhD Scholarship	2019-2024
	Ca’ Foscari University of Venice, Research Assistant Scholarship	2018-2019
Ca’ Foscari University of Venice, Erasmus+ Scholarship	2017	

AWARDS	CESifo, Best Paper Award at CESifo/ifo Junior Workshop on Energy and Climate Economics	2025
	University of Amsterdam, Econometric Game (2nd Prize, Team Leader)	2023
	Unicredit Foundation, Young Economist Best Presentation Award	2022
	Crédit Agricole and Ca’ Foscari University of Venice, Active Learning Lab (1st Prize)	2018

TEACHING	Lecturer , LMU Munich <i>Department of Economics</i>	
	- Topics in Climate Economics (with Karen Pittel)	Spring 2025
	Teaching Assistant , University of Bologna <i>Department of Economics</i>	
	- Econometrics, MSc in Economics	Fall 2022, 2023
	- Econometrics, BA in Economics, Politics and Social Sciences	Spring 2024
	Teaching Assistant , Ca’ Foscari University of Venice <i>Department of Economics</i>	
	- Industrial Economics, BA in Economics and Trade	Spring 2017, 2018

SUPERVISIONS	Master students	
	<i>Advisor</i>	
	- Amrei Schmidt (MSc Econ, LMU Munich)	2025
	- Giovanni Remonti (MSc Econ, LMU Munich)	2025
	<i>Co-advisor</i>	
	- Lucia Nafziger (MSc Econ, LMU Munich)	2025
	Bachelor students	
	<i>Advisor</i>	
	- Johannes Kranz (BA Econ, LMU Munich)	2025
INVITED TALKS	2025: Workshop on Pro-Environmental Behavior: Drivers and Consequences—Max Planck Society.	
	2024: Workshop on Gender, Environment, and Social Dynamics—CY Cergy Paris University, OECD Brown Bag Lunch Meeting, Guest Lecture (University of Bologna).	
	2022: 1st Padova Workshop on Environmental and Resource Economics.	
SEMINARS AND CONFERENCES	2025: AERE Summer Conference, CESifo / ifo Junior Workshop on Energy and Climate Economics 2025, 13th IAERE Annual Conference, EIEE Annual Meeting.	
	2024: ifo Christmas Conference (ifo Institute), ifo Big Data Seminar series (ifo Institute), 29th EAERE Annual Conference, Internal Seminar (EIEE), AERE Summer Conference, 3rd UniMi Junior Economists Meeting, 1st Verona Early Career Workshop in Economics, Internal Seminar (University of Bologna), 12th IAERE Annual Conference, Job Market Seminar (ESSEC Business School), Job Market Seminar (University of Barcelona School of Economics), Job Market Seminar (ifo Institute), Inequality and the Environment Symposium: Sciences Po.	
	2023: Job Market Seminar (CEE-Montpellier, online), 11th SISC Annual Conference, Internal Seminar (University of Bologna), Bologna Environmental Economics Reading Group Seminar, EIEE Monthly Meeting (online), PhD Weekend Workshop (University of Bologna and Unicredit Foundation), Job Market Seminar (Heidelberg University, online), LSE Environment Week, Center for Climate and Health Seminar (Boston University), Internal Seminar (March, CMCC@CaFoscari), 11th IAERE Annual Conference, Internal Seminar (February, CMCC@CaFoscari).	
	2022: 10th SISC Annual Conference, 2nd ERC-ENERGYA Scientific Workshop, PhD Weekend Workshop (University of Bologna and Unicredit Foundation), Third-year PhD Internal Seminar (University of Bologna), 27th EAERE Annual Conference, 10th IAERE Annual Conference.	
	2021: 1st ERC-ENERGYA Scientific Workshop (online), 26th EAERE Annual Conference (online), 9th IAERE Annual Conference (online), Second-year PhD Internal Seminar (University of Bologna, online), European Geosciences Union General Assembly (online).	
	2020: First-year PhD Internal Seminar (University of Bologna).	
	2019: 7th IAERE Annual Conference	
SUMMER SCHOOLS	2021: Investment Choices in Developing Countries (Centro Studi Luca d'Agliano), Dynamic Structural Model for Policy Evaluation (Barcelona GSE).	
REFEREING	Climatic Change, Energy Economics (x2), Environmental and Resource Economics, Journal of Economic Behaviour and Organisation, Mitigation and Adaptation Strategies for Global Change, Na-	

ture Communications, Nature Climate Change, PNAS, Review of Economics of the Household

MEMBERSHIPS	European Economic Association (EEA) Association of Environmental and Resource Economists (AERE) European Association of Environmental and Resource Economists (EAERE) Italian Association of Environmental and Resource Economists (IAERE) Italian Society for Climate Sciences (SISC)	
SOFTWARE	R, Stata, Python, GAMS, L ^A T _E X, Microsoft Office, Github, Markdown	
LANGUAGES	Italian (native), English (fluent), French (fluent)	
MISCELLANEOUS ACTIVITIES	Junior Faculty Representative (LMU Munich and ifo Institute, <i>present</i>) Co-founder of the 'Faculty Afterwork Drinks' (University of Bologna) Co-founder of the 'Research in Steps' Seminar series for PhD Students (University of Bologna) Co-founder of the 'Bologna Environmental Economics Reading Group' (University of Bologna)	
REFERENCES	Annalisa Loviglio Assistant Professor University of Bologna annalisa.loviglio@unibo.it	Enrica De Cian Full Professor Ca' Foscari University of Venice enrica.decian@unive.it
	Ian Sue Wing Full Professor Boston University isw@bu.edu	Anastasios Xepapadeas Full Professor University of Bologna and University of Athens anastasio.xepapadeas@unibo.it