

Marie Bruguet

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PRINCIPAL INTERESTS	Behavior Environmental Economics, Applied Econometrics, Public policy	
ACADEMIC BACKGROUND	<i>Ph.D. Economics</i> Université Paris Dauphine-PLS , Paris, France Climate Economics Chair, Paris, France Ministry of Ecological Transition, Paris, France <i>Dissertation</i> : Decarbonising French Homes: Behavioral and Technological Shifts Toward Low-Carbon <i>Supervision</i> : Anna Creti and Arthur Thomas <i>Visiting</i> : Hosted by Robert D. Metcalfe at School of International and Public Affairs (SIPA), Columbia University	Nov. 2023 - Present
	<i>M.Sc. Economics</i> Aix-Marseille School of Economics, Marseille, France <i>Focus areas</i> : Econometrics, Big Data and Statistics <i>Erasmus semester</i> : Norwegian University of Science and Technology	Sept. 2020 - Sept. 2022
	<i>B.Sc. Economics & Preparatory classe (ENS D2)</i> Université de Rennes I, Rennes, France Lycée Victor et Hélène Basch, Rennes, France	Sept. 2017 - Sept. 2020
EXPERIENCES	<i>Economist - Statistician</i> Banque de France, Paris, France	Sept. 2022 - Oct. 2023
	<i>Statistical Research Officer Trainee</i> Ministry of Ecological Transition, Paris, France	Sept. 2021 - Sept. 2022
	<i>Statistical Research Officer Trainee</i> Insee, Marseille, France	June. 2021 - Aug. 2021
	<i>Research Assistant Trainee</i> Aix-Marseille School of Economics, Marseille, France	May. 2020 - June. 2020
TECHNICAL SKILLS	Econometrics (time-series, panel data, causal inference) Machine Learning (regression, classification, supervised and unsupervised set-up) Data Management (administrative microdata, high-frequency smart-meter data) Software (R, Python, Matlab)	

RESEARCH

PEER-REVIEWED

Weather Effects in Energy Seasonal Adjustment: An Application to France Energy Consumption. In: *The Energy Journal* (2025) [[Working Paper](#)]

Marie Bruguet*, LEDa, Université Paris Dauphine-PSL and Climate Economics Chair
Arthur Thomas, LEDa, Université Paris Dauphine-PSL and Climate Economics Chair
Ronan Le Saout, ENSAI, CREST

Awarded best student paper by the FAEE (2024)

ONGOING

When Words Save Watts: Government Communication and Household Electricity Use (2025) [[Working Paper](#)]

Marie Bruguet*, LEDa, Université Paris-Dauphine and Climate Economics Chair
Job-Market Paper

Switching to Clean Heat: Household-Level Impacts of Heat Pump Adoption under ETS2 in France

Marie Bruguet*, LEDa, Université Paris Dauphine-PSL and Climate Economics Chair
Wissem Baba-Moussa, Cerna, Mines Paris-PSL

Efficiency versus Flexibility: The Impact of Heat Pumps on Household Electricity Demand in France

Marie Bruguet*, LEDa, Université Paris Dauphine-PSL and Climate Economics Chair
Edouard Civel, Square Management Research Center and Climate Economics Chair
Anna Creti, LEDa, Université Paris Dauphine-PSL and Climate Economics Chair
Shortlisted for best student paper by the FAEE (2025)

CONFERENCE PARTICIPATION

2025

AICC (Lausanne, Switzerland), BEHAVE (Paris, France), IAEE (Paris, France), CNIS (Paris, France), JDS (Marseille, France), PPSEE (Paris, France), YEEES (Paris, France), LEDa PhD Seminar (Paris, France), LEDa PhD Econometrics Seminar (Paris, France), IRMAR PhD Seminar (Rennes, France), AMSE Econometrics Seminar (Marseille, France), FAEE PhD Workshop (Grenoble, France)

2024

IAAE (Thessaloniki, Greece), IAEE (Istanbul, Turkey), ICEEF (London, United Kingdom), ISF (Dijon, France), FAEE PhD Workshop (Grenoble, France), LEDa PhD Econometrics Seminar (Paris, France)

AWARDS & GRANTS

COFRA PhD Fellowship Nov. 2023 - Oct. 2026
Ministry for the Ecological Transition

Mobility Research Grant Nov. 2025
Université Paris Dauphine-PSL

Best Student Paper Award Dec. 2024
French Association of Energy Economists

TEACHING	<i>Applied Econometrics [Undergraduate]</i> ENSAI, Bruz, France	<i>Fall 2024 - Present</i>
	<i>Introduction to Econometrics [Undergraduate]</i> Université Dauphine, Paris, France	<i>Spring 2024 - Present</i>
	<i>Time Series for Finance [Graduate]</i> Panthéon-Sorbonne, Paris, France	<i>Spring 2024</i>
	<i>Monetary instruments [Undergraduate]</i> Panthéon-Sorbonne, Paris, France	<i>Fall 2022</i>
STUDENT SUPERVISION	<i>Eddy Darragi</i> 'Estimating residential consumption elasticities prices under subsidies in time of crisis', M.Sc. Thesis Co-supervised with Arthur Thomas	<i>Spring 2024</i>
	<i>Antoine Mary</i> 'Residential Electricity Consumption Dynamics: An Analysis of End-Use Transformation', B.Sc. Thesis	<i>Spring 2025</i>