

Ghassane Benmir

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Research Interests

My **Primary** research interests include distributional impacts of climate change and environmental policy, climate risk and uncertainty, and distributional macro-finance.

My **Secondary** research interests include business economics and public policy.

Current Academic Position

Sep 2023 - Present	Assistant Professor	IE University, IE Business School	Spain
Jan 2024 - Present	Associate Research Fellow	King's Business School	UK
Apr 2024 - Present	Affiliate Professor	UM6P	Morocco

Previous Academic Position

Sep 2023 - Jan 2025	Visiting Assistant Professor	PSL Research University	France
Sep 2023 - Sep 2024	Visiting Research Fellow	London School of Economics	UK

Other Professional Experience

The European Central Bank - ECB Monetary Policy Research Directorate Frankfurt, Germany
 Guest Consultant
 January 2020 – February 2020; July 2022; and March 2024

The French Council of Economic Analysis (CAE) Paris, France
 Macroeconomic Analysis of IRA Impacts on EU Green Innovation Competitiveness
 June 2023 – September 2023

Ernst & Young LLP Paris, France
 Senior Consultant, EY Advisory
 October 2014 – February 2018

Air France - KLM Paris, France
 Strategy/Business Analyst, Finance & Economic Department
 September 2013 – October 2014

Education

Harvard Business School – HBS Massachusetts, US
 Executive Ed. “Global Colloquium” 2025

London School of Economics and Political Science – LSE London, UK
 PhD. Essays in Macro-Finance and Climate Change 2023
 MPhil & MSc in Economics – Environmental Economics 2020

PSL Research University – *Université Paris Dauphine* Paris, France
 PhD. Essays in Macroeconomics 2023
 PhD Summer School in Machine Learning for Economics and Finance 2021

MRes in Economics – Monetary Economics (Distinction, Valedictorian) 2017
 Ex.MSc in Finance (High Honours, Salutatorian) 2016
 MRes in Management 2014

University of Chicago Illinois, US
 Visiting PhD Student (with): Prof. L. Hansen 2023
 Macro Finance Research Program (MFR) 2022 Summer Session for Young Scholars 2022

University of Oxford Oxford, UK
 PhD Summer School in Advanced Macroeconomics 2020

Università Commerciale Luigi Bocconi Milan, Italy
 MSc Dual Program with Paris Dauphine: Economics 2017

Institut Mines – Télécom (Ex - **Institut National des Télécommunications**) Evry, France
 MSc in Engineering of Information Systems: *Parcours Grande École* 2013

Lycée Faidherbe Lille, France
Classes préparatoires MP (Math/Physique) (~B.S.) 2009
 Two to three years intensive courses designed for entrance into top French Engineering and Business Schools (specialisation in mathematics & physics)

Teaching Experience

IE University Madrid, Spain
 Course Lecturer – Department of Economics
 September 2023 – Present

- Climate Change and Environmental Economics (Autumn 2023). Lecturer Evaluation: 4.8/5
- Computational Macroeconomics (Autumn 2023). Lecturer Evaluation: 4.7/5
- Introduction to Macroeconomics (Autumn 2023). Lecturer Evaluation: 4.5/5

UM6P Rabat, Morocco
 Course Lecturer – Department of Social Sciences
 September 2023 – Present

- Advanced Macroeconomics (Spring 2025)
- Advanced Topics in Development (Autumn 2024)
- Advanced Topics in Development (Spring 2024)

PSL Research University Paris, France
 Course Lecturer – Department of Economics
 September 2023 – Present

- Advanced Macro – Bayesian Techniques (Autumn 2024)
- Advanced Macro – Bayesian Techniques (Autumn 2023)

London School of Economics and Political Science – LSE London, UK
 Teaching Fellow – Department of Economics
 September 2021 – August 2023

- Introduction to Macroeconomics (EC102) for Dr. Antonio Mele (Summer School 2023)
- Math for Micro and Macro (EC400) for Dr. Francesco Nava and Dr. Dmitry Mukhin (Michaelmas 2022)
- Microeconomics (EC1A3) for Pr. Ronny Razin (Michaelmas 2021). Instructor Evaluation: 4.8/5
- Macroeconomics (EC1B3) for Dr. Antonio Mele (Lent 2022). Instructor Evaluation: 4.7/5
- Macroeconomics (EC1B5) for Dr. Rachel Ngai (Lent 2022). Instructor Evaluation: 4.7/5

September 2020 – September 2021

- Economics B - Micro (EC102) for Pr. Ronny Razin (Michaelmas 2020). Instructor Evaluation: 4.7/5
- Economics B - Macro (EC102) for Dr. Antonio Mele (Lent 2021). Instructor Evaluation: 4.9/5

Graduate Teaching Assistant – Department of Economics
September 2019 – September 2020

- Economics B - Micro (EC102) for Pr. Ronny Razin (Michaelmas 2019). Instructor Evaluation: 4.5/5
- Economics B - Macro (EC102) for Pr. Francesco Caselli (Lent 2020). Instructor Evaluation: 4.8/5

PSL Research University – *Université Paris Dauphine*

Paris, France

Adjunct Lecturer – Department of Economics (MSO)

September 2020 – January 2023

- Econometrics II: Time Series (MSc Economics and Finance) (Michaelmas 2020). Instructor Evaluation: Excellent.

Graduate Teaching Assistant – Department of Mathematics (MIDO) and Department of Economics (LSO/MSO)
January 2018 – June 2021

- Macroeconomics (BSc Mathematics) for Pr. Richard Dutu (Lent 2018, Lent 2019, Lent 2020, and Lent 2021). Instructor Evaluation (the 3 years average): Excellent.
- Introduction to Economics (BSc Economics) for Pr. Richard Dutu (Michaelmas 2019). Instructor Evaluation: Excellent.

University College London – UCL

London, UK

Graduate Teaching Assistant – Department of Economics

September 2020 – August 2021

- Economics of Financial Markets (ECON0001). Instructor Evaluation: 4.7/5

Imperial Business School

London, UK

Graduate Teaching Assistant – Department of Executive Education

February 2021 – April 2021

- Macroeconomics

Publications

G. Benmir, I. Jaccard, G. Vermandel, "Optimal Monetary Policy in an Estimated SIR Model". *European Economic Review*, 2022.

Working Papers

G. Benmir, I. Jaccard, G. Vermandel, "Green Asset Pricing." 2024 (Revise and Resubmit: *The Journal of Finance*.)

G. Benmir, A. Mori, R. Tarsia, J. Roman, "Beneath the Trees: The Influence of Natural Capital on Shadow Price Dynamics in a Macroeconomic Model with Uncertainty" 2024 (Submitted).

G. Benmir, J. Roman, L. Taschini "Weitzman Meets Taylor: ETS Futures Drivers and Carbon Cap Policy" 2024 (Submitted).

G. Benmir, R. Bidder, S. Maso, A. Mori, J. Roman, "Unveiling the Green Equity Premium: A Macro-Financial Outlook" 2024.

G. Benmir, C. Poirier, "The Redistributive Effects of Sectoral Shocks" 2024.

G. Benmir, A. Raja, J. Roman, "Policy Interactions and the Transition to Clean Technology" 2024.

G. Benmir, J. Roman, "The Net-Zero Distributional Costs: A Heterogeneous Agent Perspective" 2023.

Work in Progress

G. Benmir, A. Rezai, J. Roman, and R. Van der Ploeg, "EU Carbon Pricing: Unraveling the Intersection of Production Networks and Heterogeneous Agents" 2024.

G. Benmir, S. Maso, A. Mori, J. Roman, and R. Tarsia, "Climate Ripples in Production Networks" 2024.

G. Benmir, J. Roman, "Endogenous Abatement Technology." 2021.

Policy Papers

G. Benmir, I. Jaccard, G. Vermandel, "The (carbon) price of progress on climate change." Financial Times. July 6 2023. »

G. Benmir, J. Roman, "Carbon taxes alone won't stop climate change." LSE Business Review. May 2020. »

G. Benmir, I. Jaccard, G. Vermandel, "A time-varying carbon tax to protect the environment while safeguarding the economy." VOXeu. 2021. »

News Papers

"Failure to Tackle Climate Change Suppresses Rates, ECB Study Says." Bloomberg. October 2020. »

Books Chapter

"Combatting Climate Change: A CEPR Collection." CEPR. November 2021. »

Conferences Organization

2025: Climate Macro-Finance: What It Is For Africa? (UM6P, Rabat)

2024: Advancing Climate Economics: A Catalyst for Sustainable Development (IE CIVICA, Madrid)

2024: Climate Finance Workshop (King's College London, London)

Conferences Presentation

2024: ESADE, Edinburgh Business School, King's College London, University of Zurich, Oslo Metropolitan, University of Luxembourg, Banco de España (discussant), IE CIVICA.

2023: Banque de France Climate Symposium, The European Economic Association (EEA), King's Macro-Finance Annual Conference, Computing in Economics and Finance (CEF), The European Association for Environmental and Resource Economics - ETS Conference (EAERE), Theories and Methods in Macro (T2M), Chicago Booth Finance Work in Progress, Institute for Mathematical and Statistical Innovation (University of Chicago), École Polytechnique Paris, Fed Board, UC Berkeley (ERG), IE University, Amsterdam School of Economics, ECB Economics Directorate, University of Leipzig/IWH,

2022: University of Leipzig/IWH, GRI LSE, LSE Department of Economics Environment Week, Bank of Lithuania, University of Chicago – MFR, QCGBF King's College London Annual Conference (2022), Theories and Methods in Macro (T2M), The American Economic Association (ASSA) – (poster session), PSL Research Economics and Finance Seminar, European Institute on Economics and the Environment Seminar Series (EEIE).

2021: MIT (GCFP), The European Finance Association (EFA), The Central Bank Research Association (CEBRA), Money Macro and Finance Society (MMF), The European Association for Environmental and Resource Economics (EAERE), Computing in Economics and Finance (CEF), The Canadian Economic Association (CEA), The American Economic Association (ASSA), PSL Research Economics and Finance PhD Seminar, The Sustainable Macro Conference.

2020: The European Economic Association (EEA), Computing in Economics and Finance (CEF) – (Canceled), ECB Research Directorat - Monetary Policy Seminar Series, ECB International Directorat - Interantional Policy Seminar Series, LSE Macroeconomics PhD Seminar, LSE G&Y PhD Seminar.

Referee Services

American Economic Review, Journal of Political Economy - Macroeconomics, International Economic Review, Energy Economics, Journal of Envriomental Economics and Management, The Scandinavian Journal of Economics, Climate Change, The Grantham Research Institute (LSE) Working Paper Series.

Funds Secured

CIVICA Research Fund: 6K Euro (2024)

Spanish Government: 46K Euro (2024)

Selected Awards

- IE - Excellence in Teaching Award in Environmental Economics (2023-2024).
- IE - Excellence in Teaching Award in Computational Macroeconomics (2023-2024).
- IE - Excellence in Teaching Award in Introduction to Macroeconomics (2023-2024).
- QCGBF Best Young Economist Prize Runner-up (2022) – (1000 pounds).
- LSE Department of Economics - Highly Commended Teaching Award (2022) – Amount undisclosed.
- The European Finance Association Best Paper Prize in Responsible Finance Award (2021) – 3000 euros.
- LSE Teaching Award - Nominated by students for both "Exceptional Teaching in an Unprecedented Year" and "Excellent Feedback and Communication" (2021).
- LSE Department of Economics - Excellence in Teaching Award (2021) – Amount undisclosed.
- EAERE - Young Scholar Grant (2021) – 1500 euros.
- LSE Department of Economics - Excellence in Teaching Award (2020) – Amount undisclosed.
- Grantham Research Institute on Climate Change and the Environment - LSE PhD Scholarship (2019-2023).
- PSL Research – University of Paris Dauphine Best MRes Economics Thesis (2017).
- PSL Research – University of Paris Dauphine MRes Economics Best Overall Performance (2017).
- Ministry of Higher Education & Scientific Research Graduates Honors Scholarship (2011-2014).
- *Institut Mines – Télécom* Graduates Honors Scholarship (for the academic year of 2010-2011).

Skills

Languages

Arabic (native), French (native), English (bilingual), Spanish (basic)

Programming

Econometrics: Matlab, Dynare, Python, R, Stata, SAS, ArgGIS.

Others: Excel advanced and VBA, Java, HTML, SQL.

Project Management Certifications

Agile Scrum Master 1, ITIL v3 Foundation

Additional Leadership

Keynote speaker for the Annual Program for African Leadership - LSE (Pfal) (2021-2022).

Mentoring for the Program for African Leadership - LSE (Pfal) (2020-2021).

Program host for LSE Destination (2020).

Program for African Leadership - LSE (Pfal) (2018-2019).

General Assembly Student's Representative Vice-President of 2014 Nobel Peace Prize Nominee Cité Internationale Universitaire de Paris "CIUP" (2012-2013).»

Committee President, Canadian House, CIUP (2011-2013).

Student Placement

Past Students

2024: Rafael Rivera (MSc IE): JM, Daniel Lara (BSc IE): BCG Madrid

2023: Vivien Equestre (BSc LSE): HEC Paris (also admitted to IE Business School)

2020: Thomas Robert (BSc PSL Research – Dauphine): Polytechnique Paris - X (also admitted to PSE)

Current PhD

2023: Yushan Liu (PhD Polytechnique Paris - X): on going student

Current MRes/MSc Students

2024: Abdellah Bouhria (MRes UM6P): on going student

2023: Aditya Mori (MRes Cambridge/Pre-doc King's Business School): on going student, Simone Maso (MSc Bocconi/Pre-doc King's Business School): on going student

Current BSc Students (Thesis Advisor)

2024: Milicia Acimic (BSc IE): ongoing student, Jelena Trifkovic (BSc IE): ongoing student, Nicolas Vaca (BSc IE): ongoing student, Ginevra Sanseverino (BSc IE): ongoing student