

JOSSELIN ROMAN

Senior Researcher in Climate Macroeconomics

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RESEARCH INTERESTS

Heterogeneous-agent macroeconomics; climate and environmental economics; production networks; carbon pricing; macro-finance.

CURRENT POSITION

Paris School of Economics

Senior Researcher, i-MIP (CEPREMAP & PSE)

Since 2025

PAST POSITIONS

European Commission — Joint Research Centre (JRC)

Research Economist

2022–2025

London School of Economics

Visiting Researcher, Grantham Research Institute

2022

Paris-Dauphine University

Teaching Fellow

2020–2021

Graduate Teaching Assistant

2017–2020

Institut Louis Bachelier

Research Officer

2017

EDUCATION

PhD in Economics, PSL Research University – Paris-Dauphine

2021

Summa Cum Laude

MRes in Financial and Monetary Economics, Paris-Dauphine University

2017

BSc in Economics, Paris-Saclay University

2015

BSc in Management (Wealth Management), Paris-Dauphine University

2013

SUBMITTED PAPERS

Weitzman Meets Taylor: EU Allowance Price Drivers and Carbon Cap Rules

(with Ghassane Benmir and Luca Taschini)

Beneath the Trees: The Influence of Natural Capital on Shadow Price Dynamics in a Macroeconomic Model with Uncertainty

(with Ghassane Benmir, Aditya Mori, and Romano Tarsia)

WORKING PAPERS

The Distributional Costs of Net-Zero: A Heterogeneous-Agent Perspective

(with Ghassane Benmir)

Policy Interaction and the Transition to Clean Technology

(with Ghassane Benmir and Akash Raja)

Ecosystem Services in a Simple Macroeconomic Framework

(with B. Döhring, I. Grammatikopoulou, A. La Notte, B. Pataracchia, D. Pisani, C. Planas, A. Rossi, A. Thum-Thysen, and M. Zurbaran Nucci)

WORK IN PROGRESS

Endogenous Abatement Technology

(with Ghassane Benmir, Pietro Corti, and Luca Taschini)

Climate Ripples in Production Networks

(with Ghassane Benmir, Simone Maso, Aditya Mori, and Romano Tarsia)

EU Carbon Pricing: When Production Networks Matter

(with Ghassane Benmir, Armon Rezai, and Rick van der Ploeg)

Unveiling the Green Equity Premium: A Macro-Financial Outlook

(with Ghassane Benmir, Rhys Bidder, Simone Maso, and Aditya Mori)

POLICY PUBLICATIONS

Navigating Uncertainty: Evaluating the European Economic Forecasts Amidst Pandemic and Energy Crises

European Economy – Discussion Papers, DG ECFIN, European Commission

European Economic Forecasts

Autumn 2024; Spring 2024; Autumn 2023; Summer 2023; Spring 2023

CONFERENCES & SEMINARS

2025: CEPR Climate Change and the Environment Symposium (Gerzensee); GRASFI Annual Conference (Paris-Dauphine); Climate Challenges Workshop (UM6P Rabat); CLIMADAP Workshop (Lancaster).

2024: Ecosystem Services Partnership Conference (Wageningen); Dynare Workshop (JRC Ispra); Advancing Climate Economics Workshop (IE Madrid).

2023: Computing in Economics and Finance (Nice); CLIFIRIUM Workshop (Banque de France); Climate Change and Global Economy Worksop (Lancaster).

2022: Board of Governors of the Federal Reserve; University of Oslo; Bundesbank Research Centre; Higher School of Economics.

2021: AEA Annual Meeting (online); MIT GCFP Annual Conference (online); CEBRA Annual Meeting (online); Climate Risk Workshop FRBSF (online); University Paris-Dauphine; Sustainable Macro Conference (online); Money Macro and Finance Society Annual Conference (online).

2020: University Paris-Dauphine PhD Workshop;

2018: Computing in Economics and Finance (Milan); Theories and Methods in Macroeconomics (Paris); Computational and Financial Econometrics (Pisa).

2017: International Macroeconomics Workshop (Rennes).

TEACHING

International Macro-Finance — PhD in Economics, UM6P Rabat

2024–2026

Macroeconomics — BSc in Management, Paris-Dauphine University

2020–2021

Macroeconomics — BSc in Mathematics & C.S., Paris-Dauphine University

2017–2021

REFEREEING

American Economic Review, Economica, Ecosystem Services

FELLOWSHIPS, GRANTS & AWARDS

ATER Fellowship, Paris-Dauphine University	2020–2021
PhD Fellowship, Paris-Dauphine University Ranked first in the Economics Department	2017–2020
CFA Program Student Scholarship, CFA Institute	2017

SKILLS

Languages: French (native), English (fluent), German (basic)

Scientific Computing: MATLAB, Dynare, Python, Julia, Fortran, C++.