

GRÉGOIRE SEMPÉ

📍 R4-72, Jourdan Campus, Paris 📩 gregoire.sempe@psemail.eu 🌐 gregoiresempe.github.io 🐾 github.com/GregoireSempe

Current Position

Paris School of Economics & Univ. Paris 1 Panthéon – Sorbonne

2023 – ...

Ph.D. Candidate in Economics

Paris, France

- Main research interests: Climate economics, macroeconomics, heterogeneous agent modelling
- Advisor: Katheline Schubert

Education

IIES – Stockholm University

Spring 2025

Visiting PhD student, hosted by John Hassler

Stockholm, Sweden

University of Turin

2025

Summer School – Deep Learning for solving dynamic stochastic models

Turin, Italy

Paris School of Economics, Université Paris 1

2020 – 2023

Master in Economics (APE), Highest honors

Paris, France

Université Paris 1 Panthéon – Sorbonne

2019 – 2023

Magistère d'Économie, Highest honors

Paris, France

Université Paris 1 Panthéon – Sorbonne

2017 – 2019

Bachelor in Economics & Econometrics, High honors

Paris, France

Research

Work in progress

- *Marginal Propensities to Decarbonize*, Job Market Paper
- *Climate Policies in the Housing Market*, with Paloma Péligray (SciencesPo), [draft]
- *The effects of climate policies under horizontal heterogeneity*, with Katheline Schubert (PSE) and Fanny Henriet (AMSE)

Pre-Doctoral projects

- *Using Short-Term Scenarios to Assess the Macroeconomic Impacts of Climate Transition*, Thomas Allen, et al. (research assistant), Energy Economics. 2025
- *Viet Nam's green industrial path between carbon and climate exposures*, Etienne Espagne et al. (co-author), GEMMES-VN national report, Chapter 2. 2022
- *The macroeconomics of climate change and adaptation in Viet Nam*, Etienne Espagne et al. (co-author), COP26 GEMMES-VN Report, Chapter 13. 2021.

Teaching Experience

Graduate level

- *Quantitative Macroeconomics I*, Paris School of Economics (M2). TA for Tobias Broer Fall 2024, 2025 (15h)
- *Introduction to Environmental Economics*, École Normale Supérieure – PSL. Lecturer Fall 2024, 2025 (20h)
- *Advanced Macroeconomics*, Univ. Paris Dauphine – PSL (M1). TA for Abdelkader Slifi Spring 2023 (20h)

Undergraduate level

- *International Trade*, Univ. Paris 1 (L3). TA for Léa Marchal Spring 2024, 2026 (30h)
- *Macroeconomics: Growth*, Univ. Paris 1, Magistère (L3). TA for Katheline Schubert Fall 2023 (36h)
- *Economic Policy*, Univ. Paris Cité (L2). TA for Olivier Alain Spring 2022 (40h)
- *Introduction to Macroeconomics*, Univ. Paris Cité (L1). TA for Olivier Alain Fall 2021 (40h)

Employment

- **Insee:** Research internship at the Department of Economic Studies 2023 (4 months)
- **Institut de Recherche pour le Développement:** Research Consultant, GEMMES-VN project 2022 (7 months)
- **Banque de France:** Research internship at the Climate Change Center 2022 (5 months)
- **French Treasury:** Policy internship at the Climate Economics Unit 2021–2022 (6 months)
- **French Development Agency:** Research internship, GEMMES-VN project 2021 (3 months)
- **Dijon Economics Laboratory:** Research internship 2020–2021 (6 months)

Presentations

- **2025:** CEPR Annual Symposium, poster (Paris)* ; 4th Workshop on Residential Housing Markets (Zurich)*; FAERE 12th Annual Conference (Nantes); Macro Group (IIES) ; Macro Workshop (PSE) ; Informal Macro Group (IIES) ; Internal PhD Seminar (PSE)
- **2024:** Macro Workshop (PSE) ; Internal PhD Seminar (PSE)

*presentation by a co-author

Academic service

- Representative of PhD students at the Doctoral School Économie Panthéon Sorbonne (300 PhD students) 2023–2026
- Member of the steering committee of the 19th edition of the Doctorissimes PhD Conference 2023–2024
Keynotes: A. Rubinstein (NYU), C. de Chaisemartin (SciencesPo), K. Millock (PSE). 50 PhD participants.
- Board member & Associate Editor of *Partageons L'Éco* (12k readers/year) 2019–2024
- Refereeing for: *Macroeconomic Dynamics*

Grants and Awards

- CEPR Philippe Martin Prize for the best student poster, co-recipient with Paloma Péligray 2025
- FAERE Prize for the best young economist paper, co-recipient with Paloma Péligray 2025
- Université Paris 1 Panthéon – Sorbonne PhD Mobility Grant (1.4k€) 2025
- PSE PhD International Mobility Grant (2k€) 2025
- Full Doctoral Fellowship, French Ministry of Research 2023–2026

Miscellaneous

Programming: Julia, Matlab, Dynare, R, Python, Git

Languages: English (proficient), French (native)