

Emma Skalski

PhD student in economics

CREM - Department of Economics
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Research fields

Main fields : Agricultural economics, environmental and natural resources economics

Research interests : Fertilizer markets, Food security, Climate change

Current position

2023–2026 **Ph.D. Candidate – Research Fellow**, *University of Rennes*

Research Center in Economics and Management (CREM)

PhD topic: Determinants of fertilizer price trends and their implications for global good security in the context of climate change

Supervisors: Marie-Hélène Hubert (Université de Rennes, UMR CREM) and Marilyne Huchet (Institut Agro Rennes-Angers, UMR SMART)

2023–2026 **Teaching Assistant**, *University of Rennes*

Undergraduate macroeconomics

Education

2020–2023 **Master's Degree in Agricultural Engineering**, *Institut Agro Rennes-Angers*

Specialization in Agricultural and Resource Markets and Policy

- Six-month exchange program at Newcastle University (UK)
 - Four-month academic program in Natural Sciences and Agricultural Economics
 - Two-month internship in a research lab studying the use of machine learning to analyze dog behavior
- Six-month internship in the French Ministry of Solidarity, Autonomy and the Disabled
 - Project Officer for "Fighting against food insecurity"
 - Implemented the "Mieux manger pour tous" program, a public policy initiative following the creation of a sustainable food aid fund

2017–2020 **Bachelor's Degree in Science, Technology and Health**, *University of Montpellier 2*

Focus on Agronomy and Veterinary Competitive Exam Preparation

Research

Working Papers

- **Disentangling what Drives Global Urea Price: Short-Run and Long-Run Effects**, with Marie-Hélène Hubert and Marilyne Huchet. Available at: <https://shs.hal.science/halshs-05483215v1/document>

Work in Progress

- **The Impact of Nitrogen Fertilizer Price Fluctuations on Food Security Outcomes: Evidence from India**, with Marie-Hélène Hubert and Marilyne Huchet
- **Fertilizer Markets: A Literature Review**

Presentations in Seminars / Conferences / Workshops

"Disentangling what Drives International Urea Price: Short-Run and Long-Run Effects"

2025

Workshop EDGE - Institut Agro Rennes-Angers (May 2025) - presentation
Agricultural Economic Society conference - University of Bordeaux (April 2025) - presentation
CREM PhD Seminar - Rennes, France (March 2025) - presentation

2024

SMART PhD Seminar - Institut Agro Rennes-Angers (November 2024) - presentation
Breizh Macro Club Annual Conference - University of Rennes (October 2024) - poster
10th IMAC Macroeconomics Workshop - University of Rennes (September 2024) - poster

Scholarships

2025 **AES PhD Travel Grant** **£1000**
Agricultural Economic Society PhD grant program for international conference participation

Teaching

2025 – 2026 **Macroeconomics 2**
Supervision of undergraduate student projects: Development of a dashboard comparing macroeconomic indicators for two OECD member countries (56 hours, 4 groups × 14h)

2024 – 2025 **Macroeconomics 1 & 2**
Macroeconomics 1 – Introduction to macroeconomics (42 hours, 3 groups × 14h)
Macroeconomics 2 – Supervision of undergraduate student projects (22 hours, 2 groups × 11h)

2023 – 2024 **Macroeconomics 2**
Supervision of undergraduate student projects (56 hours, 4 groups × 14h)

Responsibilities

2025–2026 **Treasurer of the PROJECT Association (Promotion of Young PhD Economists)**, *University of Rennes*

- Financial management
- Budget planning
- Administrative management

Languages

French: Native speaker
Spanish: B1 – Intermediate
English: B2 – Upper-intermediate

———— Computer skills

Econometrics: Stata, R

Other: Pack office, LaTeX

———— Career breaks

2025 **Maternity leave** (*4 months*)