

Ondine Berland | Curriculum Vitae

Department of Geography and Environment
London School of Economics and Political Science

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Research Interests

Main: Environmental Economics, Public Economics, Applied Microeconometrics

Secondary: Machine Learning, Gender Economics

Positions

LSE Fellow in Environmental Economics (Postdoctoral Scholar)

Department of Geography and Environment, London School of Economics

2025 – Current

Affiliate

Grantham Research Institute

2025 – Current

Education

University of Paris-Saclay

Ph.D. in Economics, Research Unit: Paris-Saclay Applied Economics (PSAE), INRAE

2020 – 2024

Supervisor: Stéphane De Cara (PSAE)

Jury: Céline Bonnet (TSE), Jutta Roosen (TUM), Martin O'Connell (Wisconsin-Madison), José de Sousa (Paris-Assas)

Paris School of Economics

M.Sc. Applied Economics (Cum Laude), Specialization: Public Policy and Development

2019 – 2020

Ecole Polytechnique and ENSAE

M.Phil. Economics

2016 – 2018

Research

Job Market Paper

Households' Food Carbon Footprints

Food significantly contributes to household carbon footprints, yet little is known about how food-related emissions are distributed across households and how this heterogeneity shapes responses to climate policy. Using transaction-level data from 7,540 French households (2017–2019), I find that emissions are highly concentrated: 20% of households account for 40% of total food emissions. I then estimate a structural demand model to analyze how these households respond to price changes. I find that high-emission households, who consume substantially more red meat, are also more price-sensitive to its price. Simulations of a 44.60€/tCO₂e food carbon tax show an 8.5% reduction in emissions, concentrated among high emitters. However, the tax deteriorates diet quality, implying a tradeoff with climate mitigation objectives.

Working Papers

The Gender Gap in Carbon Footprints: Determinants and Implications - with Marion Leroutier

We document a large gender gap in carbon footprints from food and transport in France using detailed consumption data. Across these two major sources of emissions, women emit 26 percent less than men. After accounting for observable characteristics and differences in the scale of consumption, which partly reflect gender differences in dietary energy needs, an 8 percent gap remains. Red meat and car—high-emission goods associated with masculine identity—drive most of the residual gap, suggesting that differences in carbon footprints between men and women are partly driven by gender stereotypes.

How Do Households Adjust Food Purchases to Fuel Prices Shocks? Evidence from France - with Fabrice Etilé

Shocks in energy prices impact households' disposable income and welfare, with consequences for the acceptance of environmental policies. We examine how households adjust food consumption to such shocks by estimating the effects of fuel prices on food purchasing patterns in France. Using homescan data, we find an elasticity of total food expenditure of approximately -0.3 , mainly through reductions in the unit value of products. We highlight that households adjust more on unit value for fresh fruits and vegetables and more on volumes for animal proteins and alcohol. They adjust their purchase patterns by restricting the frequency of shopping trips, visiting hard discount stores, substituting among, and buying in bulk. Low-income households do not adjust significantly to fuel price shocks, likely because they have already largely exploited these adjustment margins. Thus, they are directly affected by any abrupt increase in fuel prices.

Pipelines or Pyramids: Unequal Progress and Barriers for Women in Economics - with Oliver Harman & Ninon Moreau-Kastler - Accepted Review of Economic Literature

This paper reviews the literature on gender inequalities in the academic field of economics, highlighting both the unequal progress women have experienced and the persistent barriers they continue to face. Our analysis of recent literature and available data highlights that the reduction in women's absence in the field has been heterogeneous. While women now constitute 26% of published economists, their presence sharply declines at higher ranks, with only 5% representation among economists in the top percentile of research influence. Notably, recent progress has paradoxically concentrated at this highest level, indicating shifting institutional norms and evolving perceptions about women's contributions. We further explore how understanding women's behaviours and career choices, gender biases in evaluation, and workplace environments contribute to women's underrepresentation in the field. Our discussion extends to the labour market for economists, drawing parallels with broader labour trends, and examining how gender-biased treatment and hiring processes impact women's advancement. Finally, we turn to policy interventions, which are key in promoting gender balance, focusing on networks, mentorship, role models, and representation.

Work in Progress

Junk Food, Leisure, and Income Inequalities - with Eve Colson-Shira, Hugo Molina, Emmanuel Paroissien

Many studies have documented that high-income households tend to adopt diets of higher nutritional quality, *ceteris paribus*. Guided by the fact that the "liking for sweet taste is both innate and universal" (Drewnowski et al., 1997) and differences in supply conditions only explain a small share of diet inequalities (Allcott et al., 2019), we investigate a driver of food preferences that has not been explored yet: income enables households to substitute the pleasure derived from tasty (but unhealthy) foods with expensive leisure activities.

The Effects of Social Food Security: A Randomized Experiment among Students in Higher Education - with Bénédicte Apouey, Simon Briole and Damien Mayaux

Pre-registered trial at AEA registry: <https://doi.org/10.1257/rct.15529-1.3>

Food Carbon Footprints in India - with Eve Colson-Shira

Non-Peer-Reviewed Publication

Inflation des prix alimentaires : quelles conséquences possibles pour les ménages modestes ? - with Fabrice Etilé and Louis-Georges Soler

Grants, Scholarships, and Awards

London School of Economics

Seed Money Grant

2026

To study food carbon footprints in India

Île-de-France Region (100,000 EUR)

Research Grant

2022 – 2025

With Stéphane De Cara and Fabrice Etilé. Funding used for data purchasing, fourth PhD year, and international mobility.

Biosphera (600 EUR)

International Mobility Grant

2023

ADRES (400 EUR)

Conference Travel Grant

2022 – 2023

Agricultural & Applied Economics Association (500 EUR)

Conference Travel Grant

2022

Ecole Normale Supérieure Paris-Saclay

PhD Scholarship

2020

Three years full-time.

Ecole Normale Supérieure Paris-Saclay

Study Scholarship

2015

Four years full-time.

University of Paris-Saclay

Best Paper Presentation Award

2023

References

Stéphane De Cara

Research Director at INRAE, PSAE

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Prof. Fabrice Etilé

Paris School of Economics

✉ fabrice.etile@psemail.eu

Prof. Katheline Schubert

Paris School of Economics

✉ katheline.schubert@univ-paris1.fr

Prof. Stephen Smith

University College London

✉ stephen.smith@ucl.ac.uk

Conferences & Seminar Presentations

2026: ASSA 2026 Annual Meeting, Workshop on Environmental and Natural Resources Economics (CERGIC, Lyon), Grantham Research Institute Internal Seminar, Strasbourg Beta Lab External Seminar.

2025: Gender Inequality Workshop – London School of Economics; SEHO 2025 – Society of Economics of the Household; CEEM External Seminar Montpellier; Dijon External Seminar; TrEnCE Seminar, Université Paris-Dauphine; Grantham Research Institute Internal Seminar.

2024: PSAE – Internal Seminar; Institute of Fiscal Studies – Scanner Data Workshop; Stockholm School of Economics – Political Economy of the Environment Workshop; London School of Economics: Environmental Workshop; Paris School of Economics – Applied Seminar; EAERE – 29th Annual Conference; European Economic Association – Rotterdam.

2023: EAAE Congress; University of Paris Saclay Graduate School Days; Salon de l'Agriculture; 10th Annual Conference of the French Association of Environmental Economists; AFSE – 71st Congress; PSAE – Internal Seminar; Siegen University External Seminar; SMART UMR (INRAE) External Seminar.

2022: CEEM External PhD Seminar; Second World Inequality Database Conference – Paris School of Economics; Tenth IAERE Annual Conference; Augustin Cournot Doctoral Days; EAERE – 27th Annual Conference; 2022 AAEA Annual Meeting; EAAE PhD Workshop.

2021: JMA – 37th days of applied microeconomics; French Association of Environmental & Resources Economics; PSAE – Internal Seminar; FAERE – 8th Annual Conference.

Teaching

Master's Level

Environmental and Resource Economics (Lecturer)
London School of Economics 2025 –

Economic Development and the Environment (Seminar Leader)
London School of Economics 2025 –

Sustainable Food Systems (Guest Teacher)
AgroParisTech Feb 2024

Introduction to Environmental Economics (Teaching Assistant)
Sciences Po Paris (PSIA) 2021 – 2023

Undergraduate Level

Environmental Economics (Lecturer)
London School of Economics 2025 –

Sustainable Development (Lecturer)
London School of Economics 2025 –

Macroeconomics (L3) (Teaching Assistant)
Ecole Normale Supérieure Paris-Saclay 2021 – 2022

Supervision

Master's Thesis Supervision
London School of Economics 2025 –

Project in Applied Statistics (Postgraduate level)
ENSAE 2022 – 2023

Services

Administrative

Member of the Equity, Diversity and Inclusion Committee
London School of Economics 2026 –

PhD Representative, Paris Saclay Applied Economics
University of Paris-Saclay 2022 – 2024

Co-founder, Women in Econ Paris Saclay
2021 – Present

Contributing Blog Writer, World Bank and International Growth Center
2021 – Present

Referee work

Environment and Resource Economics; Ecological Economics; International Economics; Science of the Total Environment

Additional Research Experience

Research Assistant
Paris School of Economics Feb – Sept 2020
Prof. Fabrice Etilé

Research Assistant
University of Oxford (Blavatnik School of Government) Sept 2020 – Aug 2021

Supervisors: Mahreen Mahmud and Kate Orkin

Short-term Consultant

World Bank (Mind, Behavior and Development Unit)

Jul – Sept 2019

Languages & Technical Skills

Languages: French (Native), English (Fluent, C2), German (Beginner, A2)

Technical: Stata, Python, R, L^AT_EX