

Ondine BERLAND | Resume

Department of Geography and Environment
London School of Economics and Political Science
✉ o.berland@lse.ac.uk • 🌐 www.ondineberland.com • ORCID

Last updated: October 26, 2026

Research Interests

Topics: Public Economics, Environmental Economics, Food Studies

Methods: Applied Econometrics, Machine Learning

Positions

LSE Fellow in Environmental Economics (Postdoctoral Scholar)

Department of Geography and Environment, London School of Economics

01.2025 – Current

Affiliate

Grantham Research Institute

01.2025 – Current

Education

University of Paris-Saclay

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

12.2024

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

09.2020

Ecole Polytechnique and ENSAE

M.Phil. Economics

09.2018

Ecole Normale Supérieure de Cachan

B.Sc. Business and Economics

09.2016

Research

Job Market Paper

Carbon Taxation of Food: Consumer Responses and Distributional Effects

Food consumption accounts for a quarter of household carbon footprints, comparable in magnitude to housing and transport. Food products vary widely in carbon intensity, creating scope to reduce emissions by changing the composition of food baskets. A carbon tax could encourage such changes, but its effectiveness and incidence depend on what households purchase before the tax and how they adjust their purchases in response to higher prices. This paper combines granular household purchase data with product-level emission intensities to study these questions. The distribution of carbon footprints exhibits no clear income gradient (correlation = -0.03), and high-emitting products, particularly red meat, are purchased by most households. Reduced-form estimates show that higher red-meat prices mainly reduce purchased quantities, with no detectable change in the probability of purchase. Estimates from a structural demand system indicate that red meat is highly price-elastic, and that households substitute toward less carbon-intensive categories when its price increases. Simulations show that a carbon tax of €44.6 per ton of CO₂e reduces food emissions by 7.9%. Uniform redistribution of tax revenues brings average net tax payments close to zero in every income decile.

Working Papers

The Gender Gap in Carbon Footprints: Determinants and Implications — *with Marion Leroutier*. Institute for Fiscal Studies Working Paper

More Than Food: The Effects of Food Intervention on Students Food Choices and Health Outcomes - *with Bénédicte Apouey, Simon Briole and Damien Mayaux*

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

How Do Households Adjust Food Purchases to Fuel Price Shocks? Evidence from France — *with Fabrice Etilé*

Publications

Pipelines or Pyramids: Unequal Progress and Barriers for Women in Economics - *with Oliver Harman & Ninon Moreau-Kastler* - *Reviews of Economic Literature*: <https://rel.journals.sup.org/index.php/rel/article/view/10>

Work in Progress

Food Carbon Footprints in India - *with Eve Colson-Sihra*

Junk Food, Leisure, and Income Inequalities - *with Eve Colson-Sihra, Emmanuel Paroissien*

Non-Peer-Reviewed Publication

Inflation des prix alimentaires : quelles conséquences possibles pour les ménages modestes ? - *with Fabrice Etilé and Louis-Georges Soler* - *Cahiers de Nutrition et de Diététique*: <https://www.sciencedirect.com/science/article/abs/pii/S0007996023000329>

Grants, Scholarships, and Awards

London School of Economics (3,000 pounds) <i>Seed Money Grant</i> To study food carbon footprints in India.	2026
Part of a research consortium (DynAPol-3P) <i>ANR Research Grant</i> Funding obtained by Céline Bonnet.	2025 - 2030
Île-de-France Region (100,000 EUR) <i>Research Grant</i> With Stéphane De Cara and Fabrice Etilé.	2022 – 2025
ADRES, Biosphera, Agricultural & Applied Economics Association <i>Travel Grants</i>	2022 – 2023
Ecole Normale Supérieure Paris-Saclay <i>PhD Scholarship</i> Three years full-time.	2020
Ecole Normale Supérieure Paris-Saclay <i>Study Scholarship</i> Four years full-time.	2015
University of Paris-Saclay <i>Best Paper Presentation Award</i>	2023

References

Prof. Stéphane De Cara
Research Director at INRAE, PSAE
✉ stephane.decara@inrae.fr

Prof. Massimo Filippini
ETH Zürich
✉ mfilippini@ethz.ch

Prof. Charles Palmer
London School of Economics
✉ c.palmer1@lse.ac.uk

Prof. Eugenie Dugoua
London School of Economics
✉ e.dugoua@lse.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, World Inequality Lab Conference, CREST-ENSAE Internal Seminar, LSE GY500 Seminar, Sciences Po CRIS Symposium.

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; EAERE – 8th Annual Conference.

Teaching

Graduate Level

Environmental and Resource Economics (Lecturer)

London School of Economics

09.2025 – Current

Economic Development and the Environment (Lecturer)

London School of Economics

01.2026 – Current

Sustainable Food Systems (Guest Teacher)

AgroParisTech

02.2024

Introduction to Environmental Economics (Teaching Assistant)

Sciences Po Paris (PSIA)

2021 – 2023

Undergraduate Level

Environmental Economics (Lecturer)

London School of Economics

01.2025 – Current

Macroeconomics (L3) (Teaching Assistant)

Ecole Normale Supérieure Paris-Saclay

2021 – 2022

Supervision

Third Year Undergrad and Master-level Dissertation Supervision

London School of Economics

Project in Applied Statistics (Postgraduate level)

ENSAE

2022 – 2023

Professional Activities

Referee work

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

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

Previous Work Experience

Research Assistant for Prof. F. Etilé, Paris School of Economics

02.2020 – 09.2020

World Bank Consultant, Mind, Behavior and Development Unit

08.2019 – 09.2019

Research Assistant for Prof. M. Mahmud and K. Orkin, University of Oxford

09.2018 – 08.2019

Languages & Technical Skills

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

Technical: Stata, Python, R, $\LaTeX$.