

Ondine BERLAND | Curriculum Vitae

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

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Last updated: September 1, 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

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 represents a substantial share of households' carbon footprints, yet little is known about its distribution across households. In this paper, I construct a novel dataset that combines granular household purchase data with product-level emission intensities. It allows me to compute households' food carbon footprints and to show that they are narrowly distributed and weakly correlated with income. There is no clearly delineated group of high emitters; households consume products from nearly all broad food categories. This motivates the study of Pigouvian taxes as there exist substitutes for high-emitting products. I show that a food carbon tax can substantially reduce food carbon footprints (7.9%), even at a moderate tax rate (€44.6 per tCO₂e). This tax imposes a burden of comparable magnitude across households, resulting in a regressive impact when measured as a share of income. I therefore consider alternative tax designs that could address distributional and acceptability concerns while preserving emissions reductions and limiting the tax burden.

Working Papers

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

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

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

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

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>

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)

Seed Money Grant

2026

To study food carbon footprints in India.

Part of a research consortium (DynAPol-3P)

ANR Research Grant

2025 - 2030

Funding obtained by Céline Bonnet.

Île-de-France Region (100,000 EUR)

Research Grant

2022 – 2025

With Stéphane De Cara and Fabrice Etilé.

ADRES, Biosphera, Agricultural & Applied Economics Association

Travel Grants

2022 – 2023

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

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.

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

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

Food Policy; 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, $\LaTeX$.