

# Marion Leroutier

CREST - ENSAE  
5 Avenue Henry Le Chatelier  
91120 Palaiseau, France

[marionleroutier.github.io/](https://marionleroutier.github.io/)  
[marion.leroutier@ensae.fr](mailto:marion.leroutier@ensae.fr)  
*Updated May. 2025*

## CURRENT APPOINTMENT

---

- **Assistant Professor**, CREST - ENSAE 2024-
- **Affiliated to:** Institute for Fiscal Studies (IFS), Misum, Institut des Politiques Publiques (IPP) 2023-

## PREVIOUS ACADEMIC APPOINTMENTS

---

- **Postdoctoral fellow**, The Institute for Fiscal Studies 2023-2024
- **Postdoctoral researcher**, Misum, Stockholm School of Economics 2021-2023

## EDUCATION

---

- **Ph.D. in Economics**, Paris School of Economics and CIRED 2018-2021
- **Master in Economics**, Paris School of Economics 2012-2015
- **HEC Paris business school** 2009-2013
  - Joint **Master degree in Public Policy and Management** with Free University of Berlin
  - Joint **Bachelor degree in History** with Sorbonne University

## PUBLICATIONS

---

- **Carbon Pricing and Power Sector Decarbonisation: Evidence from the UK.** *Journal of Environmental Economics and Management*, Volume 111, January 2022, 102580
- **Air Pollution and CO<sub>2</sub> from Daily Mobility: Who Emits and Why? Evidence from Paris**, with Philippe Quirion, *Energy Economics*, Volume 109, May 2022
- **Why investing in new nuclear plants is bad for the climate**, with Luke Haywood and Robert Pietzcker, *Joule, Commentary*, 1663–1678, August 2023
- **Tackling Car Emissions in Urban Areas: Shift, Avoid, Improve**, with Philippe Quirion, *Ecological Economics*, Volume 213, November 2023
- **The untapped health and climate potential of cycling in France: a national assessment from individual travel data**, with Emilie Schwarz, Audrey de Nazelle, Philippe Quirion and Kévin Jean, *The Lancet Regional Health - Europe*, February 2024

## WORKING PAPERS

---

- **The Cost of Air Pollution for Workers and Firms**, with Hélène Ollivier
- **The Gender Gap in Carbon Footprint: Determinants and Implications**, with Ondine Berland

## WORK IN PROGRESS

---

- **Coal phase-out, air quality and health: evidence from the UK**, with Lucie Gadenne, Bobbie Upton and Rodrigo Toneto
- **The Long-term and Cumulative Effects of Air Pollution**, with Emeline Lequy-Flahault, Julia Mink, Hélène Ollivier and Aurélien Saussay
- **Cycling Infrastructure, Environmental Amenities and Voting**, with Léa Bou-Sleiman

## RESEARCH GRANTS

---

- |  |      |
|--|------|
| • ADEME grant: “Cycling Infrastructure, Environmental Amenities and Voting” (€80,000, PI)  | 2025 |
| • Ile de France region research chair: “Transitioning to clean urban transport: active travel and public policies” (€150,000, PI)  | 2024 |
| • Chaire DDX grant: “The Long-term and Cumulative Effects of Air Pollution” (€30,000, co-PI)   | 2024 |
| • ANR grant: “BREATHE: Breathing unequally: Air pollution, child development and the reproduction of social inequality” (€545,000, Associate researcher, PI: Lidia Panico) | 2024 |
| • Collaborative Research centre Transreggio 224 project grant: “The Long-term and Cumulative Effects of Air Pollution” (€15,000, co-PI)                                    | 2023 |
| • ANR grant: “PRODPOLU: Productivity, Trade, and Air Pollution: Evidence from French Manufacturing” (€103,000, Associate researcher, PI: Geoffrey Barrows)                 | 2022 |

## AWARDS

---

- |   |      |
|---|------|
| • Best Doctoral Dissertation Award from the European Association of Environmental and Resource Economists | 2022 |
| • Best Doctoral Dissertation Award from the Alliance of Paris Universities                                | 2022 |
| • Young Economist Best Paper Award from the French Association of Environmental and Resource Economists   | 2019 |

## SEMINAR AND CONFERENCE PRESENTATIONS (\*: SCHEDULED)

---

- **2025:** Seminars: Sciences-Po CRIS, Paris-Est Créteil University (ERUDITE), Nanterre University\*, KU Leuven\*  
Conferences and workshops: Misum annual conference, Mannheim Energy Conference, EAERE\*, WZB Berlin Workshop on Expectations of climate change\*
- **2024:** Seminars: RFF-CMCC-EIEE, University of Potsdam, Maastricht University, UKNEE webinar, Berkeley ARE, Stanford ECHO Lab, Paris-Saclay Applied Economics, CIRED, Wageningen University  
Conferences and workshops: Workshop Mapping the Effects of Environmental Policies (Hamburg), Maastricht Workshop on Applied Economics of the Environment, AERE, Inaugural IFS postdoc workshop, EEA, Workshop Crest-Insee, CY Cergy Paris University Gender and Family economics workshop
- **2023:** Seminars: *Job market talks:* University of Copenhagen, University of Amsterdam, University of Mannheim, Toulouse School of Economics, CREST, NHH Bergen, Institute for Fiscal Studies, Queen Mary University of London, University College Dublin, UC Louvain, University of Glasgow, University of Reading, Copenhagen Business School, Hertie School Berlin; *Others:* SLU Uppsala, AERNA - CE3 Durham - UAM Online seminar.  
Conferences and workshops: Mannheim Energy Conference, LSE/Imperial/King’s Workshop in Environmental Economics, EALE, Inaugural conference of the French Association of Transport Economics, 8th Zurich Conference on Public Finance in Developing Countries (discussant)
- **2022:** Seminars: Online Agricultural and Resource Economics Seminar, Nantes University, Berlin Research Seminar on Environmental, Resource and Climate Economics, EuHEA Online Seminar Series, Montpellier University, Helsinki GSE, Grenoble University, Ca’Foscari University of Venice  
Conferences and workshops: Copenhagen Business School Workshop on Health and Inequality, LAGV Marseille, IZA Workshop on Environment, Health and Labor Markets, TSE Conference on The Economics of Energy and Climate, EAERE, SITE Workshop on the Economics of Air Pollution (mini-lecture)

- **2019-2021:** Seminars: Mercator Institute on Global Commons and Climate Change (MCC), Potsdam Institute for Climate Impact research (PIK), AgroParisTech, Stockholm School of Economics  
Conferences and workshops: EAERE x3, Mannheim Energy Conference x2, FAERE x2, ICTA-UAB International Conference on Low-Carbon Lifestyle Changes, AFSE-DG Tresor conference on public policy evaluation, online AFSE, LAGV Marseille, Misum Forum

## PROFESSIONAL ACTIVITIES

---

- **Refereeing:** AEJ: Economic Policy, American Journal of Agricultural Economics, Economic Journal, European Economic Review, Journal of the Association of Environmental and Resource Economists, Journal of Environmental Economics and Management, Environment and Development Economics, Journal of Corporate Finance, Nature Climate Change, Energy Economics, The Energy Journal, Environmental and Resource Economics, Resources and Environmental Economics, Climate Policy, Humanities and Social Sciences Communications, Economie et Statistiques, Economics of Transportation
- **Reviewer for:** Norwegian Research Council grants; AERNA 2024, EAERE 2025, IIPF 2025 programme committees
- **Co-organizer:** E4C Summer School in “Environmental Data Collection and Analysis for the Social Sciences”
- **Member:** French government Commission Quinet III, setting official value for the shadow price of carbon

## TEACHING

---

- **Lecture on environmental inequalities**, Master level, 1h30, AgroParisTech 2025-
- **Reading group in economics**, Master level, 11h, ENSAE 2024-
- **Introduction to economics**, Bachelor level, 10h30, ENSAE 2024-
- **Empirical environmental economics**, Master level, 24h, ENSAE 2023-
- **Lecture on environmental justice**, Master level, 1h30, ENSAE 2023-
- **Undergraduate tutorials in econometrics**, Stockholm School of Economics 2022-2023
- **Graduate tutorials in Resources and climate change**, University Paris 1 2019-2021

## POLICY WRITING

---

- **Exposure to air pollution in England, 2003–23**, with Lucie Gadenne, Rodrigo Toneto and Bobbie Upton, 2024. *IFS Report*
- **Le vélo, meilleur atout pour réduire la pollution et les temps de trajet - L'exemple de l'Île de France**, with Philippe Quirion, 2024, *The Conversation*
- **The Energy and Climate Crisis Facing Europe: How to Strike the Right Balance**, with Julius Andersson, 2022, *FREE Policy Brief*
- **Connaître et réduire les émissions polluantes dues au transport routier en Ile-de-France**, with Philippe Quirion, 2021, *Dossiers Mobilités Décarbonées: Enjeux et Solutions, Cerema & Construction 21*

## WORK EXPERIENCE

---

- **Kimso, Paris:** Senior consultant in social impact evaluation 2017-2018
- **Frontier Economics, London:** Analyst, economic consulting 2015-2017
- **Grade, Lima, and IRD-DIAL, Paris:** Research Assistant 2013-2014

## LANGUAGES

---

French: native; English: fluent; German: advanced; Spanish: advanced; Swedish: basic