

Marion Leroutier

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ACADEMIC APPOINTMENTS

- **Assistant Professor**, CREST - ENSAE 2024-
- **Affiliated to:** Institute for Fiscal Studies (IFS), House of Sustainable Society (HOSS), Institut des Politiques Publiques (IPP) 2023-
- **Postdoctoral fellow**, The Institute for Fiscal Studies 2023-2024
- **Postdoctoral researcher**, Misum (now HOSS), 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 CO₂ 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 H el ene Ollivier
- **The Gender Gap in Carbon Footprint: Determinants and Implications**, with Ondine Berland

WORK IN PROGRESS

- **The Human Capital Cost of Air Pollution**, with Lucie Gadenne, Bobbie Upton and Rodrigo Toneto
- **A Breath of Fresh Air? Fossil Fuel Electricity Phase Outs and the Long-Run Costs of Chronic Pollution Exposure**, with Emeline Lequy-Flahault, Julia Mink, H el ene Ollivier and Aur elien Saussay
- **Building Bike Lanes, Changing Commutes?**, with L ea 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)

- **2026:** Seminars: University Paris II, Sussex University, University of the Basque Country*, Transatlantic Seminar on Environmental and Energy Economics*, Le Havre University*
Conferences and workshops: CESifo Area conference on Energy and Climate Economics*, LSE/Imperial Workshop in Environmental Economics*, Leuven Summer Event*
- **2025:** Seminars: Sciences-Po CRIS, Paris-Est Créteil University (ERUDITE), CARE and Institut des Actuaire webinar, Nanterre University, KU Leuven
Conferences and workshops: Misum annual conference, Mannheim Energy Conference, EAERE, WZB Berlin Workshop on Expectations of climate change, LSE Environment Week, IPParis Research Day
- **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, Mannheim Energy Conference, FAERE, ICTA-UAB Conference on Low-Carbon Lifestyle Changes, AFSE-DG Tresor, online AFSE, LAGV, Misum Forum

PROFESSIONAL ACTIVITIES

- **Refereeing:** AEJ: Economic Policy, American Economic Review, American Journal of Agricultural Economics, Climate Policy, Economic Journal, Economics of Transportation, Economie et Statistiques, Energy Economics, Environmental and Resource Economics, Environment and Development Economics, European Economic Review, Humanities and Social Sciences Communications, Journal of Corporate Finance, Journal of the Association of Environmental and Resource Economists, Journal of Environmental Economics and Management, Nature Climate Change, Resources and Environmental Economics, The Energy Journal
- **Reviewer for:** Norwegian Research Council; programme committees: EAERE 2025 & 2026, IIPF 2025, PEEW 2026
- **Co-organizer:** 2025 E4C Summer School
- **Member:** French government Quinet III Commission, setting official value for the shadow price of carbon

TEACHING

- **Introduction to economics**, Bachelor, ENSAE 2024-
- **E4C Summer School**, Master and PhD, IPParis 2024-2025
- **Guest lecture on environmental inequalities**, Master, AgroParisTech 2024-2025
- **Empirical environmental economics**, Master, 24h, ENSAE 2023-
- **Environmental Social sciences**, Master, ENSAE 2023-
- **Tutorials in econometrics**, Bachelor, Stockholm School of Economics 2022-2023
- **Tutorials in Resources and climate change**, Master, 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