

HELENE OLLIVIER

Research fellow at Paris School of Economics – CNRS

CONTACT

Address: Campus Jourdan, 48 Boulevard Jourdan, 75014 Paris, France

Email: helene.ollivier@psemail.eu

<https://sites.google.com/site/heleneollivier/>

2 children born in 2016 and 2019

EMPLOYMENT AND PROFESSIONAL EXPERIENCE

- 2012-present Research fellow at Paris School of Economics – CNRS
Since 2016, CR1 and then CRCN
- Oct-Dec 2024 Visiting researcher at the Economics department of the University of California, Santa Barbara
- Summer 2018 Visiting researcher at McCourt School of Public Economics, Georgetown University
- 2015-2016 Visiting researcher at Grantham Research Institute on Climate Change and the Environment, London School of Economics
- Spring 2015 Visiting Assistant Professor, ARE Department, University of California at Berkeley
- 2013-2014 Affiliated to the Chair of Resource Economics at ETH Zurich
- 2010-2012 Ciriacy-Wantrup Postdoctoral Fellow, University of California at Berkeley
- 2009-2010 Lecturer in Economics (ATER), University of Paris – Dauphine
- July 2010 Visiting researcher, University of Toulouse 1 (LERNA)
- Jul-A 2009 Visiting PhD student (Prof. Copeland), University of British Columbia, Vancouver
- Mar-Aug 2005 Research Intern, International Center for Research in Environment and Development (CIRED), Paris
- Jul-A 2004 Intern, French Ministry of Ecology and Sustainable Development (D4E)

EDUCATION

- 16/10/2018 HDR (Habilitation a Diriger des Recherches): accreditation to supervise research
Committee: Stefan Ambec, Anne-Célia Disdier, Mouez Fodha, Thierry Mayer, Katheline Schubert, Farid Toubal
- 2006-2010 Ph.D Economics, Ecole polytechnique, Palaiseau
Advisor: Jean-Marc Bourgeon. Committee: Philippe Bontems, Brian Copeland, Bernard Sinclair-Desgagné, Thomas Sterner
- 2004-2005 M.A. Environmental Economics, University Paris X

- 2003-2004 Agrégation in Economics
- 2002-2003 BA-(Hons) Econometrics, National University of Ireland, Galway
- 2001-2002 B.A. Economics and B.A. Sociology, Ecole Normale Supérieure de Cachan

PAPERS

Journal Articles

- “Take a ride on the (not so) green side: How do CDM projects affect Indian manufacturing firms’ environmental performance?” (with Jurate Jaraite and Oliwia Kurtyka), *Journal of Environmental Economics and Management*, 2022, vol.114, 102684.
- “Foreign Demand, Developing Country Exports, and CO2 Emissions: Firm-Level Evidence from India” (with Geoffrey Barrows), *Journal of Development Economics*, 2021, vol.149, 102587.
- “Confirmation Bias and Signaling in Downsian Elections” (with Antony Millner and Leo Simon), *Journal of Public Economics*, 2020, vol.185, 104175.
- “Cleaner Firms or Cleaner Products? How Product Mix Shapes Emission Intensity from Manufacturing” (with Geoffrey Barrows), *Journal of Environmental Economics and Management*, 2018, vol. 88, 134-158.
- “Beliefs, Politics, and Environmental Policy” (with Antony Millner), *Review of Environmental Economics and Policy*, 2016, vol. 10(2), 226-244.
- “North – South Trade and Heterogeneous Damages from Local and Global Pollution” *Environmental and Resource Economics*, 2016, vol. 65(2), 337-355.
- “Policy Experimentation, Political Competition, and Heterogeneous Beliefs” (with Antony Millner and Leo Simon), *Journal of Public Economics*, 2014, vol.120, 84-96.
- “Growth, Deforestation, and the Efficiency of the REDD Mechanism” *Journal of Environmental Economics and Management*, 2012, vol.64, 312-327.
- “Is Trade of Bioenergy Good for the Environment?” (with Jean-Marc Bourgeon), *European Economic Review*, 2012, vol.56(3), 411-421.

Journal Articles in French

- “Emissions polluantes et dynamique du secteur industriel indien”, *Revue Française d’Economie*, 2017, vol. XXXI.
- “Commerce des Bioénergies et Emissions de Gaz à Effet de Serre” (with Jean-Marc Bourgeon), *Revue Economique*, 2010, vol.61(1), 183-212.

Book Chapter

- “The Clean Development Mechanism”, In *Encyclopedia of Energy, Natural Resource and Environmental Economics*, 2nd edition, edited by Tommy Lundgren, Mariah Bostian, and Shunsuke Managi, Elsevier 2024, (with Katrin Millock).

Working Papers

- “Estimating Treatment Effects of Incomplete Regulation: A New Method with Application to the EU ETS” (previously titled “Equilibrium Effects of Carbon Policy”), with Geoffrey Barrows, Martin Jégard and Raphael Calel. CESifo Working Paper 10438; Centre for Climate Change Economics and Policy Working Paper 420/ Grantham Research Institute on Climate Change and the Environment Working Paper 396. *Second Round R&R*.

“Production Function Estimation with Multi-Market Firms,” with Geoffrey Barrows and Ariell Reshef. CESifo Working Paper 10716. *Second Round R&R*.

“The Cost of Air Pollution for Workers and Firms,” with Marion Leroutier. *Submitted*.

Work in Progress

“Effects of Air Pollution on Exporting Firms,” with Geoffrey Barrows and Martin Jégard.

“Revisiting the Environment-Mortality Link with Nonlinear Models,” with Geoffrey Barrows and Lucas Perez.

“Quantifying Climate Damages when Regions Trade: A Structural Gravity Approach,” with Jeanne Astier, Geoffrey Barrows and Raphael Calel.

“The Social Cost of Chronic Exposure to Air Pollution: Quasi-Experimental Evidence from France,” with Emeline Lequy-Flahault, Marion Leroutier, Julia Mink and Aurélien Saussay.

Reports

Climate and Development. Final Report of GICC 2004 Program, 2007.

Land use policies under climate constraints. The role of bioenergy. Master report, 2005.

ECHEANCES model: fossil fuel exhaustion according to Hotelling. D4E report, 2004.

GRANTS AND FELLOWSHIPS

2023	Associated researcher for a DFG CRC TRA224 grant received by Julia Mink (20k€) for the project SCCAIR Societal Cost of Chronic Air Pollution Exposure
2022	Associated researcher for an ANR JCJC grant received by Geoffrey Barrows for the project PRODPOLU (106k€)
2021	Associated researcher for an LSE Research and Impact Support Fund grant received by Aurélien Saussay (20,000 pounds)
2021	Research Grant from the EDF-Ecole polytechnique Chair on Sustainable Development (45,000€), with Geoffrey Barrows
2021	ADEME Grant on Microsimulation of the environmental impacts of fiscal policies, with Laurent Bach, Paul Dutronc-Postel from IPP (130k€)
2020	PSE Research Grant for “Evaluating the Impacts of Air Pollution on Sick Leaves” (4,000€)
2019	Cepremap Research Grant for “Market Power and Incomplete Regulation” (5,000€)
2018	PSE Research Grant for “International Trade, Industrial Pollutions, and Direct and Indirect Impacts from Environmental Regulations” (3,500€)
2015-2019	ANR Grant for “GREENGO: New Tools for Environmental Governance. The Role of NGOs” led by Mireille Chiroleu-Assouline (PSE, Paris 1) (46,000€)
2014	PSE Research Grant for “Clean Clothes: Exporting, Quality and the Environment” (5,000€)
2013	PSE Research Grant for “Product Mix, Trade and the Environment” (5,200€)
2013-2014	PEPS Grant (CNRS) for Biodiversity project, with Giorgio Fabbri, Emmanuelle Augeraud, Katheline Schubert (10,000€)

- 2010-2012 S.V. Ciriacy Wantrup Postdoctoral Fellowship, UC Berkeley
- 2006-2009 Doctoral Scholarship for 3 years, French government
- 2001-2005 4-year Scholarship for entry to Ecole Normale Supérieure, Cachan

TEACHING

- 2023- Environmental Economics (Master 2 APE, 9 hours), PSE (with Mireille Chiroleu-Assouline and Matthew Gordon)
- 2022- Energy Economics (Master 2 APE, 3 hours), PSE (with Nicolas Astier)
- 2021- Doctoral course on Frontiers in Environmental Economics (PhD, 9 hours), PSE (with Katrin Millock)
- 2021- Climate Economics (Master 2 PPD, 12 hours), PSE (with Frank Lecocq)
- 2018- Summer school in Climate Change “Trade and the Environment” (from 6 to 9 hours per year), PSE
- 2019-2023 Environmental Policies (Master 1 APE, 9 hours), PSE (with Mouez Fodha and Fanny Henriet)
- 2020 Professional 1-day training on Climate Economics for DG Climate Action (European Commission)
- 2018-2021 Cost-Benefit Analysis (Master 2 SIA, 12 hours), PSE (with Fanny Henriet)
- Fall 2018 Topics on Natural Disasters (PhD students, 9 hours), PSE
- Spring 2015 Environmental Economics and Policy (undergraduate, 66 hours), UC Berkeley
- Spring 2015 Topics in Environmental Economics (PhD students, 9 hours), PSE
- 2013-2014 Environmental and Resource Economics, (Master 1, 20 hours) Paris 1, with K. Schubert
- 2010, 2013 Tropical Deforestation (Master 2, 3 hours), Paris 1 and Paris 10
- 2009-2010 Lecturer in Microeconomics, Macroeconomics (undergraduate), University of Paris Dauphine
- 2006-2009 Teaching assistant in Microeconomics (undergraduate), University of Paris 10
- 2006-2007 Workshop on Climate Change: supervision of a 6-month project on GHG emissions related to food production, ENPC Engineering school

SUPERVISION OF MASTER & PHD STUDENTS

PhD Students Supervision

- Current Lucas Perez, «Three Essays on the Economics of Air Pollution and Health,» ENS-PSE, since 2022
- Mudigonda Sarath Chandra, «The Impacts of Floods in India: Supply Chain Resilience, Firm Adaptation and Aggregate Consequences,» PSE, since 2024

Past Claire Lepault, «Natural Resources Conservation and Adaptation to Climate Change,» (co-supervision), PSE-Ecole des Ponts, 2020-2024 (CIRAD)

Martin Jégard, «Pollution and Environmental Policies» (co-supervision), PSE-Paris 1, 2018-2022 (postdoc at SLU in Sweden, position at INRAE)

Léo Zabrocki, «Improving the Design of Studies on the Acute Health Effects of Air Pollution,» PSE-EHESS, 2020-2022 (postdoc at RFF-CMCC EIEE in Italy, position at IGAS - Inspection Generale des Affaires Sociales)

PhD Students Supervising Committee and Thesis Committee

Current Elettra Sartori, PSE, since 2024

Clemence Bois, PSE, since 2020

Past Youssef Nagui Salib, PSE, supervising committee 2023-2025

Pascale Champalaune, PSE, 2020-2025, defense committee in 2025

Tiphaine Guillet, Mines Paris, PSL, reviewer for PhD defense in 2024

Riccardo Norbiato, Ecole polytechnique, reviewer for PhD defense in 2024

Guglielmo Zappala, PSE, 2020-2023, defense committee in 2023

Alipio Ferreira, TSE, defense committee in 2022

Julien Wolfersberger, BETA, supervising committee 2012-2015

Visiting PhD Selina Clarke, from the University of Helsinki (visit scheduled: Spring 2026)

at PSE Marius Fourné, from IWH-Halle University (visit in Spring 2025)

Master Students Thesis (year 2)

2024-2025 2 Master students (Emile Belin-Bourgogne, Pierre Pili), PSE

2023-2024 3 Master students (Cassandra Castle, Milla Tarpola, César Got), PSE

2022-2023 2 Master students (Anke Windisch, Mudigonda Sarath Chandra), PSE

2021-2022 3 Master students (Adam Huynh, Martino Gilli, Pauline Bouisset), PSE

2020-2021 3 Master students (Tom Verrier, Lucas Perez, Olivia Chen), PSE

2019-2020 4 Master students (Maëva Chailloux, Claire Lepault, Camilla Stronati, Hasnae Bakkar), PSE

2017-2018 1 Master student (Ben Krieble), PSE

2016-2017 2 Master students (Martin Jégard, Amandine Araujo), PSE

2013-2014 2 Master students (1st year), PSE and Ecole Normale Supérieure, Cachan

SELECTED CONFERENCES AND SEMINAR PRESENTATIONS

- 2026 Economics seminar at PSIA, INRAE; Environmental Economics seminar at the University of Chicago (scheduled); Keynote speaker for the 2nd edition of the Women in Environmental Economics Workshop, Venise (scheduled); Keynote speaker for the Nordic Annual Environmental and Resource Economics (NAERE) workshop.
- 2025 Keynote speaker for the 2nd edition of the Early Career Workshop on Applied Environmental Economics, Milan; Economics seminar at Basel University; Economics seminar at Mines PSL; Economics seminar at Wurzburg University; EAERE conference, Bergen; Climate economics conference at PSE; IFS seminar, London; CESifo conference, Munich; PSE Internal seminar; STEP Trade seminar, PSE-Sciences Po
- 2024 Winter school CNRS, Aussois; Oslo MET seminar; Queen Mary Economics department seminar, London; Workshop on Mapping the Effects of Environmental Policies (MEEP), Hamburg; PSE Regulation and Environment seminar; Paris-Saclay Conference on Trade and Environment, INRAE; Maastricht Workshop on Applied Economics and the Environment; SURED conference, Ascona; EAERE conference, Leuven; Workshop on Environmental Factors and Socio-Economic Implications, Luxembourg; UC Davis ARE department seminar; UC Santa Barbara Economics department seminar
- 2022-23 Toulouse School of Economics seminar; PSE Annual Conference; Helsinki Graduate School of Economics seminar; Nordic conference for Environmental and Resource Economists, CEPII seminar. Occasional Workshop in Environmental Economics, UC Santa Barbara; PSE Global Issues conference on Globalization
- 2020-21 Montpellier CEE-M seminar in Environmental Economics; Grenoble GAEL seminar; Cesifo Area Conference on Energy and Climate Economics; EAERE annual conference 2020; Workshop on Environmental Regulation, ZEW Germany; Interdisciplinary workshop on Ethics, Economics and the Environment, PSE; PSE internal seminar; AgroParisTech seminar.
- 2018-19 Workshop “Environmental regulation, trade and innovation”, University Paris East; Orleans conference in Environmental Economics; CREST seminar, Palaiseau; AFSE conference, PSE; OxCarre seminar, Oxford; SURED conference, Ascona; WCERE conference, Goteborg; workshop on the frontier in Environmental Economics, Copenhagen University.
- 2016-17 Umea University Economics seminar, PSE seminar Regulation and Environment, Aussois PSE workshop.
- 2014-15 Iowa State University Economics seminar; University of Miami Economics seminar; University of Kansas Economics seminar; Tinbergen Institute seminar, Amsterdam; PSE Environmental Economics seminar; CEMOTEV seminar, University of Versailles; FAERE conference, Toulouse. Ecole polytechnique seminar; University of Evry-Val d’Essonne EPEE seminar; SURED conference, Ascona; World Congress of Environmental and Resource Economists, Istanbul; ETH Zurich; University of Rennes.

- 2012-13 EAERE meeting, Toulouse; AERE Summer conference, Banff; workshop on “Biodiversity, Ecology and Law”, CNRS Oleron; workshop CLEANER, Annecy; GREQAM seminar, Marseille; PSE Environmental Economics seminar. SURED, Ascona; UNU-WIDER conference on Climate Change and Development, Helsinki; SMART-LERECO seminar, INRA Rennes; ETH Zurich; University of Geneva; University of Wisconsin-Madison; Paris School of Economics Environmental Economics seminar.
- 2010-11 Southern Economic Association meeting, Washington DC; EAERE meeting, Rome; AERE Summer conference, Seattle; Environmental Protection and Sustainability Forum, Exeter; ARE, UC Berkeley; Development lunch seminar, UC Berkeley. SURED, Ascona; Public Economic Theory conference, Istanbul; World Congress of Environmental and Resource Economists, Montreal; ARE, UC Berkeley; Ecole polytechnique.
- 2008-09 Paris School of Economics Environmental Economics seminar; Toulouse School of Economics Environmental Economics seminar; LEF Forest Economics seminar, Nancy; University of British Columbia. Workshop on “Tropical Deforestation: Factors and Policies”, CERDI; JJC (Journées Jeunes Chercheurs) SAE2 INRA, Montpellier; CREE (Canadian Resource and Environmental Economists) meeting, Toronto; INRA Public Economics seminar, Paris; workshop on “Frontiers in Environmental Economics and Natural Resource Management”, AFSE, Toulouse.

INSTITUTIONAL RESPONSIBILITIES

Editorial Responsibilities

- 2026— Co-editor for Review of Environmental Economics and Policy (REEP)
- 2025— Co-editor for Journal of Environmental Economics and Management (JEEM)
- 2020-2024 Associate Editor for Environment and Development Economics
- 2017-2022 Part of the editorial committee of the Working Papers FAERE
- 2016-2020 Part of the editorial council of JEEM
- 2013-2017 Editing committee for Working Papers series at Centre d’Economie de la Sorbonne

Institutional Responsibilities

- 2025— Member of the CLEOR (Conseil de Laboratoire et d’Orientation) at PSE
- 2024— Member of the governance council (Conseil d’Orientation) of IPP

Hiring Responsibilities

- 2025-26 Part of the recruitment committee for an AP in Economics at PSE
- 2022-23 Part of the recruitment committee for an AP in Environmental Economics at PSE
- 2021-22 Part of the recruitment committees for INRAE (4 openings) and for PSE
- 2014-2016 Scientific committee at University of Paris 1 (influential in hiring decisions)

Seminar, Summer School, and Conference Organization

- 2026 Co-organizer of the 1st Paris Environmental Economics Workshop
- 2018-2022, 2025— Program director for the Summer School “Climate Change” at PSE
- 2023— Co-organizer of the Occasional Empirical Environmental Economics Group at PSE
- 2021 Co-organizer of the ADRES conference 2022, PSE.
- 2016-2018 Co-organizer of the PSE seminar « Environment and Regulation »
- 2014, 2016, 2026 Part of the scientific committee, SURED conference

PROFESSIONAL ACTIVITIES

Refereeing — *Econometrica*; *Review of Economics and Statistics*; *Economic Journal*; *Journal of Environmental Economics and Management*; *American Journal of Agricultural Economics*; *Environmental and Resource Economics*; *Journal of the European Economic Association*; *Journal of Development Economics*; *Climate Policy*; *Revue d’Economie Politique*; *Environment and Development Economics*; *Journal of the Association of Environmental and Resource Economists*; *Canadian Journal of Economics*; *Journal of International Economics*; *Annals of Economics and Statistics*.

Affiliations — American Economic Association, Association of Environmental and Resource Economists, European Association of Environmental and Resource Economists, French Association of Environmental and Resource Economists

Expert Evaluations

- 2026 Review of grant proposals for the ANR call « Choose France for Science »
- 2023 Note n°80 du CAE (Conseil d’Analyse Economique): « Energy Transition: A surmountable shock for jobs » (in French), co-authored with Francois Fontaine, Aurélien Saussay and Katheline Schubert
- 2023 Focus n° 101 for the CAE (Conseil d’Analyse Economique): « Estimating the Effects of the European Carbon Market on French Manufacturing » (in French), co-authored with Geoffrey Barrows, Raphael Calel and Martin Jégard
- 2022-23 Review of grant proposals for the United States-Israel Binational Science Foundation
- 2019-2020 Part of the evaluation committee in charge of evaluating the trade agreement between the EU and Mercosur for the Prime Minister in France (under the direction of Stefan Amber)

Media

- 2023 Article in *Les Echos* about « Competitiveness and carbon market: can they go well together? » (in French)
- 2020 Article in *Lettre PSE n°40* about « EU-Mercosur Trade Agreement: A Wasted Opportunity » (in French)

2019

Participated in France Culture radio program «Entendez-vous l'Eco» about Capitalism and Collapse Scenarios