Citizenship: French
Two daughters, born in 2022 and 2024
✉ renaud.coulomb@minesparis.psl.eu

Renaud COULOMB

https://sites.google.com/site/renaudcoulomb/

École des Mines de Paris,
CEDP, 60 Bd Saint-Michel,
75272 Paris Cedex 06 France

RESEARCH FIELDS

Environmental and Resource Economics, Public Economics, Political Economy

MAIN CURRENT POSITION

2023–present **Professor of Economics, École des Mines de Paris – PSL University (CEDP, i3, CNRS-UMR 9217)**

OTHER CURRENT POSITIONS

2025–present Affiliate Professor (part-time non-resident faculty member), Department of Economics, École Polytechnique

2024–present External Lecturer, Amsterdam Business School, University of Amsterdam

2023–present Honorary Senior Fellow, Department of Economics, University of Melbourne

PAST POSITIONS

2021–2022 Senior Lecturer (tenured), Department of Economics, University of Melbourne

2015–2022 Affiliate of the Center for Market Design, University of Melbourne

2015–2020 Lecturer, Department of Economics, University of Melbourne

2013–2015 Postdoctoral Fellow, London School of Economics, Grantham Research Institute on Climate Change and the Environment & École Centrale Paris, CGI

EDUCATION & QUALIFICATIONS

2022 *Habilitation à diriger des recherches* (HDR), Paris I Sorbonne University (French accreditation to supervise Doctoral Research; Supervisor: K. Schubert, PSE & Paris 1)

2009–2013 PhD in Economics, Paris School of Economics, *Fossil fuels and climate policy*, Advisor: Prof. R.Guesnerie

2010–2011 Visiting PhD Student (European doctoral program), London School of Economics, Grantham Research Institute

2006–2009 M.Sc. in Economics, Paris School of Economics, APE (*Analyse et Politique Economiques*)

2007–2008 M.A. in International Relations, Sciences Po Paris

2005–2009 École Normale Supérieure Paris-Saclay (Social Sciences), Full Fellowship (*Normalien*)

2002–2005 *Classe préparatoire hypokhâgne et khâgne B/L*, Lycée Henri IV, Paris

PUBLICATIONS

- "The (Market) Value of State Honors", with Stéphane Benveniste and Marc Sangnier, forthcoming in ***Journal of Law, Economics, and Organization***
- "'Bad' Oil, 'Worse' Oil, and Carbon Misallocation", with Fanny Henriet and Léo Reitzmann, ***The Review of Economic Studies***, 2026, Vol. 93(1), pages 404–437, Featured article (editors' pick)
- "Political Connections and White-collar Crime: Evidence from Insider Trading in France", with Thomas Bourveau and Marc Sangnier, ***Journal of the European Economic Association***, 2021, Vol. 19(5), pages 2543–2576
- "Environmental risk and the anchoring role of mobility rigidities", with Yanos Zylberberg, ***Journal of the Association of Environmental and Resource Economists***, 2021, Vol. 8(3), pages 509–542
- "Optimal transition from coal to gas and renewable power under capacity constraints and adjustment costs", with Oskar Lecuyer and Adrien Vogt-Schilb, ***Environmental and Resource Economics***, 2019, Vol. 73, pages 557–590
- "The Grey Paradox: How fossil-fuels owners can benefit from carbon taxation", with Fanny Henriet, ***Journal of Environmental Economics and Management***, 2018, Vol. 87, pages 206–223
- "The impact of political majorities on firm value: Do electoral promises or friendship connections matter?", with Marc Sangnier, ***Journal of Public Economics***, 2014, Vol. 115, pages 158–170

WORKING PAPERS

- "The Welfare Economics of Oil Exploration", with France d'Agrain and Fanny Henriet, WP n°2025-39, AMSE, December 2025

WORK IN PROGRESS (SELECTED)

- "The Climate-wise Values of Oil", with Fanny Henriet and Léo Jean
- "When Money Becomes Visible: Political Donation Disclosure and the Pricing of Corporate Connections", with Charon Yang
- "Extraction of natural resources in conflict areas: evidence from Northern Myanmar"
- "Resource Taxation under Asymmetric Information about Reserves' Size", with Fanny Henriet, Jun Xiao and Venuga Yokeeswaran
- "Global Financial Markets and Corporate Climate Pledges", with Mathias Abitbol

POLICY REPORTS & OTHERS

- "Critical Minerals in the OECD to 2030", with Simon Dietz, Maria Godunova, and Thomas B. Nielsen, **OECD Report**, 2015
- "Carbon price and optimal extraction of a polluting fossil fuel with restricted carbon capture", with Fanny Henriet, **Banque de France**, 2010

MEDIA & OUTREACH

- Research covered in a range of general-interest, policy-oriented, and specialist media outlets. Coverage and dissemination include articles in *VoxEU*, *VoxDev*, *The Conversation*, *Le Monde*, *LaTribune.fr*, *Mediapart.fr*, *Oxford Business Law Blog*, *Objectif Méditerranée*, *Harvard Business Review Blog Network*, *The Daily Stat*, *Libération*, *Marianne2.fr*, *LaDépêche.fr*, *LesEchos.fr*, *Slate.fr*, *LeJDD.fr*, *Alternatives Économiques*, *dawn.com*, *Gestion.pe*, *Quoi.info*, and *Bastamag.net*
- Policy outreach through policy briefs, policy reports, seminars, workshops, and general-audience talks. This includes a policy briefing on environmental risk and mobility rigidities, a policy report for the OECD on critical minerals, and presentations for institutions and policy audiences such as I4CE–Institute for Climate Economics, the World Bank, CEPR-AXA-PSE, the Bank of Thailand, the Australian Competition and Consumer Commission/AER, the French Ministry of Ecology and Sustainable Development, the OECD, the Centre for Market Design, and the Centre for Asian Business and Economics

INVITED SEMINARS & CONFERENCES

2026	HEC Montreal–UQAM–CIRANO, Canada (online seminar); I4CE, Paris, France (seminar); 18th WEAI International Conference, Bangkok, Thailand (online); BSE Summer Forum, Barcelona, Spain; University of Barcelona (seminar, forthcoming); 2026 Asia Meeting-China of the Econometric Society (AMES2026), Hong Kong, China; City University of Hong Kong, China (seminar); École Polytechnique-CREST (seminar, forthcoming)
2025	8th LSE/Imperial Workshop on Environmental Economics, UK; EAERE Conference, Norway; World Bank (online C3A meeting); World Congress of the Econometric Society, South Korea; Yonsei University, South Korea (seminar); CEPR-AXA-PSE Workshop "Addressing the Risks and Responses to Climate Overshoot", France (panel); Conference of the French Association of Energy Economists (discussant)
2024	École Centrale Paris (seminar); EconomiX Paris Nanterre (seminar); PSL Energy Seminar (seminar); I4CE (seminar); Institut Agro Montpellier (seminar); Paris Workshop on Global Energy Transition and Development, Mines Paris – PSL / UM6P; African Meeting of the Econometric Society, Abidjan
2023	Bank of Thailand (seminar); University of Auckland (seminar); Mines Paris – PSL University (seminar); Bordeaux School of Economics (seminar)
2021	Australian Competition and Consumer Commission/AER, Melbourne (seminar); Geneva Graduate Institute (seminar); University of Amsterdam (seminar)
2019	AEA Conference, Atlanta; FAERE Workshop at PSE, Paris; WEAI Conference, Tokyo
2018	Toulouse School of Economics (seminar), Toulouse; Paris School of Economics (two seminars), Paris; AMES, Seoul
2017	City University, Hong Kong (seminar); HKUST, Hong Kong (seminar); AMES, Hong Kong; EAERE, Athens; AFSE, Nice; EEA-ESEM, Lisbon; Monash University, Melbourne (seminar); CABE workshop, University of Melbourne, Melbourne
2016	NBER summer institute, Cambridge (US); EAERE, Zurich; EEA, Geneva; AWEE, A Toxa; QUT (seminar), Brisbane; ECP Paris (seminar), Paris
2015	Oxford University (OxCarre, seminar), Oxford; PSE (seminar), Paris
2014	French Ministry of Ecology and Sustainable Development (seminar), Paris; SURED, Ascona; HKUST, Hong Kong (seminar); Higher School of Economics, Moscow (seminar); New Economic School, Moscow (seminar); University of Melbourne (seminar); University of Surrey (seminar); University of Copenhagen (seminar, Dept. of natural resources); IAEE, New York; AWEE, A Toxa; WCERE, Istanbul; Lindau Nobel Laureates Meeting-Economics, Lindau, Germany (invitation to attend); Workshop CIRCLE Project, OECD, Paris
2013	AFSE, Aix-en-Provence; EAERE, Toulouse; APET, Lisbon; EBES conference at Nanyang Technological University, Singapore; EEA, Göteborg
2012	Toulouse School of Economics (seminar), Toulouse; APET, Taipei; EAERE, Prague; European Doctoral Program meeting, Florence
2011	European Doctoral Program meeting, Bonn; Conference on Prediction and Information Markets, Nottingham; NCCR Climate Economics and Law Conference, Bern; EAERE, Rome; AFSE, Paris; Paris I Sorbonne University and PSE (seminar), Paris
2010	AFSE, Paris

VISITING

2020	Toulouse School of Economics (J-P. Amigues)
2019	Columbia University (T.Bourveau)
2019, 2018, 2017	Paris School of Economics (F.Henriet)
2015	Aix-Marseille School of Economics (M.Sangnier)

TEACHING & WORK EXPERIENCE

2026–present	"Fundamentals of Oil Economics / Oil & Climate" within PSL Week "Economics of Energy" (led by François Lévêque)
2025–present	"Environmental Economics 2" (ECO569, joint with Emeline Bezin), Department of Economics, École Polytechnique
2023–present	"Resources and Energy Transition" (*Cycle Ingénieur civil*, engineering programme); "Environmental Policy Evaluation" (Corps des Mines), Mines Paris – PSL University
2023–present	"Carbon Stranded Assets", Executive Education Masterclass, Mines Paris – PSL University
2024–present	"Managing Transition Risks", Executive Education Masterclass, University of Amsterdam
2016–2021	Lecturer/Senior Lecturer, University of Melbourne, "Environmental Economics and Strategy" (ECON90016), "Economics for Public Policy" (ECON90029)
2012–2013	Adjunct Lecturer, Paris 11 Orsay University, "Monetary Policy and Finance"
2011–2014	Teaching Assistant, École Centrale Paris, "Introduction to Microeconomics and Macroeconomics"
2009, 2011	Teaching Assistant, Paris I Sorbonne University, "Mathematics for Economists", "Macroeconomics of Growth"
2006–2008	Co-founder and Editor-in-chief of *Regards croisés sur l'économie*, a French review of social sciences aiming to reduce the gap between the academic research and the public debate (Éditions La Découverte)
2006–2007	Vice-president of "Solidarité normalienne", an NGO acting in developing countries. Volunteer for two missions aiming to improve basic educational and health infrastructures in Senegal (Thiès region)

SUPERVISION

- *Doctoral supervision*: Main Supervisor of France d'Agrain (Mines Paris – PSL University; 2023–present), Axel Verrier (Mines Paris – PSL University; 2025–present); Mathias Abitbol (Mines Paris – PSL University; 2026–present); PhD committee member of Shashi Karunanethy (University of Melbourne, 2015–2021, placement: industry (Geografia))

- *Undergraduate and Master Student supervision*: Approximately 24 undergraduate and graduate students across Honors and Master's programs (University of Melbourne), the APE Master's program (Paris School of Economics), research internships, pre-doctoral positions and Industrial Organization Option theses (Mines Paris – PSL University)

GRANTS

2025	The Transition Institute 1.5; Project: "Economic and Fiscal Impacts of the Energy Transition in Resource-rich Countries"; €140k (PI)
2017	FBE Research Grant, University of Melbourne (PI)
2016	CNRS-University of Melbourne Grant (PI)
2015	FBE Research Grant, University of Melbourne (PI)
2014	Lindau Nobel Laureates Meeting, Nomination and Sponsorship
2011	AMIE Grant, Conseil Régional d'Île-de-France; EHESS Grant: "Aires culturelles" (PI)
2009–2012	Full Doctoral Fellowship, French Ministry of Research
2005–2009	Full Fellowship, École Normale Supérieure Paris-Saclay (Social Sciences)
2002–2005	Academic Scholarship by merit (French Ministry of National Education.) "*Classes préparatoires BL*" Lycée Henri IV, Paris

SERVICE TO THE PROFESSION

- *Academic Journal Refereeing*: *Review of Economic Studies, Quarterly Journal of Economics, American Economic Review: Insights, European Economic Review, The RAND Journal of Economics, Journal of Environmental Economics and Management, Management Science, Journal of Urban Economics, Environmental and Resource Economics, Resource and Energy Economics, Energy Policy, Ecological Economics, Economics Bulletin, East Asia Forum Quarterly, One Earth, Nature Climate Change, Nature Communications*

- *Scientific / Program Committees*: EAERE Annual Conference: Rimini 2022, Cyprus 2023, Leuven 2024, Bergen 2025; 11th FAERE Thematic Workshop "Energy transition", Paris School of Economics, 2019, Paris; Australasia Meeting of the Econometric Society, University of Melbourne, 2021, Melbourne

- *Evaluator for Grants*: France's National Agency for Research, *Agence nationale de la recherche*, ANR, AAPG 2026; The Research Grants Council of HK, 2015

- *Academic service*:

  2024–present: CEDP representative, i3 laboratory (CNRS UMR 9217), Mines Paris – PSL University

  2024–present: Member of the Academic Committee, Institute TTI.5, Mines Paris – PSL University

  2024: Hiring Committee Coordinator, Mines Paris – PSL University

  2019–2022: Member of the Academic Advisory Committee, Office for Environmental Programs (OEP), University of Melbourne

  2018: Co-coordinator of the Brown Bag seminar series, University of Melbourne

  2016–2019: Junior hiring (informal capacity): evaluation of packages from candidates in environmental economics and political economy, University of Melbourne

  2016: Member of the Executive Committee, Department of Economics, University of Melbourne

LANGUAGES AND PROGRAMMING

- French (native), English (fluent), German (beginner)
- Stata (advanced), Matlab (basic), Mathematica (basic), Python (basic), LaTeX.

REFERENCES Past Job Markets

Professor Ujjayant CHAKRAVORTY
Tufts University
419 Boston Ave, Medford, MA 02155, USA

Associate Professor Antony MILLNER
University of California Santa Barbara
2127 North Hall, CA 93106-9210

Professor Katheline SCHUBERT
Paris I Sorbonne University & Paris School of Economics
106 - 112 Boulevard de l'Hôpital, 75013 Paris, France

Late Professor Roger GUESNERIE
Collège de France & Paris School of Economics

Professor Thomas PIKETTY
EHESS & Paris School of Economics
48, boulevard Jourdan, 75014 Paris, France