

Julien Xavier Daubanes

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Contact Details

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Personal Information: Born in 1980, male, French citizenship

Academic Positions

2018 –	Assistant Professor	University of Geneva
2019 –	External Researcher	MIT – Center for Energy and Environmental Policy Research
2016 – 2018	Assistant Professor	University of Copenhagen
2010 – 2016	Research Associate	ETH Zurich
2008 – 2010	Post-Doctoral Student	ETH Zurich
2007 – 2008	Research and Teaching Fellow	Toulouse School of Economics

Education

2004 – 2007	PhD, Economics	Toulouse School of Economics
2004 – 2007	CIES, Pedagogical training program	University of Toulouse
2004 – 2005	DEEQA (\approx ABD)	Toulouse School of Economics
2002 – 2004	MSc, Economic Theory and Econometrics	Toulouse School of Economics
2001 – 2005	Magistère (\approx MSc), Economics and Statistics	University of Toulouse

Awards and Honors

2008	Prize of the French Economic Association for the best PhD thesis of the year
2009 – 2019	> 70 invited presentations
2012	Outstanding Referee Award from the <i>Journal of Economic Dynamics and Control</i>
2013 – 2019	CESifo Research Network Membership
2019 –	CESifo Research Network Fellowship
2009	Laurier de la Recherche of the City of Toulouse
2007 – 2008	ATER Research and Teaching Fellowship from the Toulouse School of Economics
2004 – 2007	CIES Pedagogical Training Fellowship for academic excellence
2004 – 2007	French Government Scholarship for PhD studies
2004	MSc Scholarship for student excellence from the University of Toulouse

Third-Party Funded Projects

2020	SNSF Grant on "The Oil and Gas Industry's Behavior in front of Climate Policy" (CHF 409,774), with Saraly Andrade de Sá
2019	OECD Consultancy on financial regulation and climate policy
2018	OECD Consultancy on the rise of robots, employment, income inequality, and optimal taxation
2017	OECD Consultancy on the sustainable management of productive natural capitals
2016	OECD Consultancy on corporate social responsibility
2014	OECD Consultancy on the taxation of resource sectors
2009	TSE-IDEI Consultancy on climate policy instruments and international agreements

Research Agenda

A	Effective design of climate policies	[numbers refer to articles] [1,2,3,4,6,8,9,10,14,15,24,25,13]
B	NGOs' private politics, voluntary actions	[11,18,13,26]
C	International trade in energy sources	[2,3,4,6,9,12,25,27]

Peer-Reviewed Publications

- [12] 2020 “Unilateral CO₂-Reduction Policy with More than One Carbon Energy Source,” with Fanny Henriet and Katheline Schubert
Journal of the Association of Environmental and Resource Economists, forthcoming
- [11] 2019 “The Rise of NGO Activism,” with Jean-Charles Rochet
American Economic Journal: Economic Policy, 11, 183-212
- [10] 2019 “The Supply of Non-Renewable Resources,” with Pierre Lasserre
Canadian Journal of Economics, 52, 1084-1111
- [9] 2019 “Marchés Internationaux de Droits à Polluer et Taxes Locales sur les Biens Polluants,” with Pierre Lasserre
L’Actualité Economique - Revue d’Analyse Economique, 95: 269-286
- [8] 2016 “Limit Pricing and the (In)Effectiveness of the Carbon Tax,” with Saraly Andrade de Sá
Journal of Public Economics, 139, 28-39
- [7] 2014 “The Green Paradox as a Supply Phenomenon,” with Pierre Lasserre
in *Climate Policy and Exhaustible Resources – The Green Paradox and Beyond*, Karen Pittel, Frederick van der Ploeg and Cees Withagen (Eds), MIT Press
- [6] 2012 “Foreign Aid and Oil Taxes: Helping the Poor in Oil-Rich Countries,” with Ruxanda Berlinschi
Environment and Development Economics, 17, 249-268
- [5] 2011 “Optimal Taxation of a Monopolistic Extractor: Are Subsidies Necessary?”
Energy Economics, 33, 399-403
- [4] 2010 “Taxation of a Polluting Non-Renewable Resource in the Heterogeneous World,” with André Grimaud
Environmental and Resource Economics, 47, 567-588
- [3] 2010 “Effet de Serre, Echanges Internationaux et Taxation Locale des Produits Pétroliers,” with André Grimaud
Revue Economique, 61, 115-134
- [2] 2009 “Prendre d’une Main et Donner de l’Autre : Taxation des Produits Pétroliers et Aide Internationale,” with Ruxanda Berlinschi
Economie et Prévision, 190-191, 21-37
- [1] 2008 “Fossil Fuels Supplied by Oligopolies: On Optimal Taxation and Rent Capture”
Economics Bulletin, 17, 1-11

Working Papers

- [13] 2020 “Green Bonds, Short-Termism, and Climate Policy,” with Shema Mitali and Jean-Charles Rochet
mimeo, University of Geneva
- [14] 2019 “Optimum Commodity Taxation with a Non-Renewable Resource,” with Pierre Lasserre
MIT CEEPR WP 2019-008
- [15] 2017 “Green Paradox and Directed Technical Change: The Effect of Subsidies to Clean R&D,” with André Grimaud and Luc Rougé
CESifo WP 4334, R&R

Other Publications

- [16] 2019 “The Rise of Robots, Employment, Income Inequality, and Optimal Taxation,” with Pierre-Yves Yanni
OECD mimeo, contribution to the OECD (2018) Economic Survey of the United States
- [17] 2018 “Sustainable Management of a Productive Natural Capital”
OECD WP 1490, contribution to the OECD (2017) Economic Survey of Iceland
- [18] 2017 “Responsible Business Conduct, Firms-Society Conflicts, and Economic Performance”
OECD mimeo
- [19] 2014 “Taxing the Rent of Non-Renewable Resource Sectors: A Theoretical Note,” with Saraly Andrade de Sá
OECD WP 1149
- [20] 2012 “Taxation of Oil Products and GDP Dynamics of Oil-Rich Countries”
TSE WP 09-012
- [21] 2009 “Changement Climatique, Instruments Economiques et Propositions pour un Accord Post-Kyoto : Une Synthèse”
TSE WP 09-006

- [22] 2008 “L’Eau Douce,” with Matthieu Dufresne
in “L’Environnement à la Croisée des Savoirs,” *Vuibert*
- [23] 2007 “Responsabiliser les Marchés et les Entreprises pour le Développement Durable,” with François Salanié and Nicolas Treich (Eds), Stefan Ambec, Jean-Pierre Amigues, Philippe Bontems, Stéphane Couture, Hippolyte d’Albis, Christian Gollier, André Grimaud, Yolande Hiriart, Norbert Ladoux, Philippe Mahenc, Arnaud Reynaud and Alban Thomas
Report of French Government’s Centre d’Analyse Stratégique

Works in Progress

- [24] “Capital Requirements and Climate Policy,” with Jean-Charles Rochet and Benoît Roger
- [25] “National Taxation in International Permit Markets,” with Pierre Lasserre
- [26] “NGOs and the Social and Financial Performance of Large Firms: Theory and Evidence,”
with Jean-Charles Rochet
- [27] “Optimum-Tariff Theory and Exhaustible Resources: Evidence from Gasoline Consumption Taxes”
- [28] “Informality and Private Ownership: An Application to Gold Mines in Perou,” with Jérémy Laurent-Lucchetti and Emmanuel Milet

Teaching and Supervision

- 2019 – Environmental Economics, Bachelor course, University of Geneva
- 2018 – Energy Economics and Policy, Master course, University of Geneva
- 2019 Economics of Natural Resources, Master short course, University of Verona
- 2019 Economics and Sustainable Management of Natural Resources, Master short course, Toulouse Business School
- 2018 – 2019 Introduction to Microeconomics, Bachelor course, University of Geneva
- 2016 – 2018 Natural resource economics, Master course, University of Copenhagen
- 2016 – 2018 Environmental economics, Bachelor course, University of Copenhagen
- 2017 Monopoly power in non-renewable-resource markets, Master lecture, University of Maryland
- 2017 Introduction to natural resource economics, Master short course, University of Tartu
- 2016 PhD Committee member for Karolina Ryszka, VU University Amsterdam
- 2010 – Supervision of 16 Master theses, ETH Zurich and University of Copenhagen
- 2010 – 2016 Master theses coordinator, Chair of Resource Economics, ETH Zurich
- 2013 – 2016 Economics of non-renewable resources, Master course, ETH Zurich
- 2009 – 2012 Economic growth, Master course, ETH Zurich
- 2008 Economic growth, Bachelor short course, Toulouse Business School

Service

- 2020 Program Committee, AFSE Annual Congress
- 2020 Program Committee, Geneva Summit on Sustainable Finance
- 2019 – Vice-president of the French Association of Environmental and Resource Economists (FAERE)
- 2018 Co-organizer, Conference “Frontiers in Climate Change Economics,” Copenhagen
- 2018 Co-organizer, Jean Tirole’s lecture on “Economics for the Common Good,” Copenhagen
- 2010,’18 Program Committees, World Congress of Environmental and Resource Economists
- 2018 Program Committee, IFPEN Conference on “Commodities and Energy Market Organization”
- 2016,’17,’19 Program Committees, European Association of Environmental and Resource Economists
- 2016 – Research proposal evaluator for the French and German Governments
- 2013 – 2019 Steering Committee member of the FAERE
- 2013 – 2019 Editorial board member of the FAERE
- 2015 Co-organizer, Conference on “NGOs vs Regulators,” Zurich
- 2012,’14 Organization team member, SURED conference, Ascona
- 2011,’15,’20 Program Committee, FAERE
- 2010,’11,’12,’14 Seminars coordinator of the Center of Economic Research, ETH Zurich

Refereeing

AEJ: Economic Policy, BE Journal of Theoretical Economics, Ecological Economics, Economie et Prévision, Energy Economics, Environment and Development Economics, Environmental and Resource Economics, European Economic Review, European Journal of Political Economy, Journal of the Association of Environmental and Resource Economists, Journal of Economic Dynamics and Control, Journal of Economic Geography, Journal of Economics, Journal of Economics and Management Strategy, Journal of Environmental Economics and Management, Journal of Institutional and Theoretical Economics, Journal of Public Economics, Journal of Public

Economic Theory, Macroeconomic Dynamics, Mathematical Social Sciences, Nature Energy, Oxford Economic Papers, RAND Journal of Economics, Resource and Energy Economics, Routledge, Revue d'Economie Politique, Revue Economique, Revue Française d'Economie, Scandinavian Journal of Economics, etc.

Invited Presentations

Upcoming: Bocconi University; University of Nantes; University Savoie-Mont Blanc
2020: CESifo Conference on Energy Economics *2019*: Toulouse Business School; University of Verona; Toulouse School of Economics; University of Montpellier; Paris GREENGO Workshop; OECD; Congress of the SSES; University of Gothenburg; Geneva Graduate Institute; Paris School of Economics; Toulouse School of Economics; Bank of France
2018: University of Copenhagen; University of Geneva; University of Maryland
2017: University of Tartu; Paris GREENGO Workshop; University of Copenhagen (Economics Department); OECD-Iceland Ministry of Finance and Economic Affairs (key speaker); University Paris Nanterre; OECD
2016: Paris Workshop on Shale Gas and Energy Transition; University of St.Gallen; University of Southern Denmark; Tinbergen Institute/ERC Conference: Combating Climate Change; Helsinki School of Economics; Montreal Natural Resources and Environmental Economics Workshop; RFF; University of Maryland; OECD
2015: HEC Montreal; Montreal Natural Resources and Environmental Economics Workshop (x2); University of Copenhagen; CESifo Conference on Applied Micro; Paris Environmental and Energy Economics; INRA-Public Economics; University of Orleans; Frankfurt Conference on NGO - Non-Profits, Governments and Organizations; Toulouse School of Economics Conference on Energy and Climate Change; Workshop in Honor of Pierre Lasserre; Aix-Marseille University; MIT CEEPR
2014: Montreal Natural Resources and Environmental Economics Workshop; Geneva Graduate Institute; CESifo Conference on Public Economics; University of Basel; Toulouse School of Economics; University of Siegen workshop on Natural Resources and Governance; University Paris Nanterre; CESifo Conference on Energy Economics
2013: Montreal Natural Resources and Environmental Economics Workshop; University of Ottawa; Université de Savoie; University of Oxford; EAERE Pre-conference in Honor of Michel Moreaux; CESifo; CERDI at Université d'Auvergne; Heidelberg Natural Resource Economics Workshop; Toulouse Conference in Honor of André Grimaud
2012: Montreal Natural Resources and Environmental Economics Workshop; Université du Québec à Montréal; CESifo Venice Workshop; Paris School of Economics Conference on "Instruments to Curb Global Warming;" Toulouse School of Economics Conference on Behavioral Environmental Economics; Toulouse School of Economics; University Paris Nanterre
2011: Montreal Natural Resources and Environmental Economics Workshop; University of Basel; Tilburg University; University of Montpellier; University of Oxford
2010: Montreal Natural Resources and Environmental Economics Workshop; Toulouse Business School; Bonn Max Plank Institute; Helsinki School of Economics
2009: Université Laval; Montreal Natural Resources and Environmental Economics Workshop
2008: French Economic Association
2007: ETH Zurich

Short Research Visits

2019 – 2021	MIT-CEEPR, Cambridge
2009 – 2016	CIREQ, Montreal
2010, '12, '14, '19	Toulouse School of Economics
2014	EconomiX, University Paris Nanterre
2013	CESifo, Munich
2013	CIRPEE, Université du Québec à Montréal
2013	OxCarre, University of Oxford
2013	Department of Economics, Tufts University, Boston
2010	Aalto University School of Economics, Helsinki
2007	CentER, Tilburg University

Newspaper Articles and Research Briefs

- 2019 “The Optimal Taxation of Robots,” with Pierre-Yves Yanni, IEB Report 2/2019
- 2019 “Optimal Commodity Taxation with a Non-Renewable Resource,” MIT CEEPR Research Brief
- 2017 “Replacing Coal by Gas: An Effective Strategy to Reduce CO2 Emissions?” with Fanny Henriet and Katheline Schubert, MIT CEEPR Fall Newsletter
- 2016 “The Rise of NGO Activism,” with Jean-Charles Rochet, MIT CEEPR Fall Newsletter
- 2015 “OPEC’s Pricing vs the Carbon Tax,” with Saraly Andrade de Sá, MIT CEEPR Spring Newsletter
- 2008 “Les Vrais Enjeux de la Taxation des Produits Pétroliers,” Les Echos, September 17

Press Coverage

- 2019 “¿Deben Pagar Impuestos los Robots?” by Juande Portillo, El País Economía, September 7, 2019
- 2016 “Revving up your Reputation,” by Josh Culling, *World Trademark Review*, 64
- 2009 “Les Oubliés de Copenhague,” by Jean-Marc Vittori, Les Echos, December 22
- 2009 “Taxe Carbone : Sans Harmonisation Internationale, une Mesure sans Impact Vert,” by Marie-Françoise Calmette, La Tribune, September 3

Languages: French (native), English (fluent), Portuguese (intermediate)

References

- Matti Liski
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