

Dr EUGENIE DUGOUA

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Appointment

2018 – Assistant Professor in Environmental Economics
London School of Economics
Department of Geography and Environment

Affiliations

2021 – Associate, Center for Economic Performance, London School of Economics
2019 – Associate, Grantham Research Institute on Climate Change and the Environment, London School of Economics
2019 – Beijer Young Scholars programme, Beijer Institute of Ecological Economics, Royal Swedish Academy of Sciences
2018 – Fellow, Initiative for Sustainable Energy Policy, Johns Hopkins University

Education

2012-2018 PhD in Sustainable Development
Columbia University, School of International and Public Affairs
“Essays on the Economics of Technological Change and the Environment”
Advisors: Scott Barrett, Geoffrey Heal, Suresh Naidu
Committee: David Popp, Bhaven Sampat, Richard Nelson
PhD courses in micro and macroeconomics, econometrics, political economy, development economics, environmental and resource economics.
2019 PGCertHE Certificate, London School of Economics
2012-2013 Graduate Diploma in Economics, University of London
Equivalent to BSc in Economics
2005-2008 Diplôme d'Ingénieur, Chimie-ParisTech
Equivalent to MSc in Chemistry and Chemical Engineering
2006-2007 Cycle in International Management, Ecole des Ponts ParisTech
2003-2005 Classes Préparatoires (PC), Lycée Fermat, Toulouse
Equivalent to BSc in Maths, Physics and Chemistry

Research Interests

Economics of the Environment, Innovation, Technical Change and Energy.

Work in Progress

- Dugoua, Eugenie, and Todd Gerarden. “Induced Innovation, Inventors, and the Energy Transition.”
- Dugoua, Eugenie, and Marion Dumas. “Green Innovation in Production Networks: Empirical Evidence from the Auto Industry.”
- Dugoua, Eugenie, Charlotte Guillard, Ralf Martin, and Jenniffer Solorzano Mosquera. “Using Twitter to Measuring Firm-Level Innovation and Other Intangibles”
- Andres, Pia, Eugenie Dugoua and Marion Dumas. “From AI to Green: Can Spillovers Accelerate the Green Transition?”

Working Papers

- Dugoua, Eugenie (2021) Induced innovation and international environmental agreements: evidence from the Ozone regime. Grantham Research Institute on Climate Change and the Environment Working Papers (363).

- Dugoua, Eugenie, Ryan Kennedy, and Johannes Urpelainen. "Assessing Reliability of Electricity Grid Services from Space: The Case of Uttar Pradesh, India" R&R at Energy for Sustainable Development

Journal Publications

6. Dugoua, Eugenie, Marion Dumas, and Joëlle Noailly. 2021. "Text as Data in Environmental Economics and Policy". Review of Environmental Economics and Policy (Accepted).
5. Alem, Yonas, and Eugenie Dugoua. 2021. "Peer Effects and Technology Diffusion: Experimental Evidence with Solar Lanterns in India." Economic Development and Cultural Change (Accepted).
4. Dugoua, Eugenie, and Marion Dumas. 2021. "Green Product Innovation in Industrial Networks: A Theoretical Model." *Journal of Environmental Economics and Management*, January, 102420.
3. Dugoua, Eugenie, Ryan Kennedy, and Johannes Urpelainen. "Satellite data for the social sciences: measuring rural electrification with night-time lights." *International journal of remote sensing* 39, no. 9 (2018): 2690-2701.
2. Dugoua, Eugenie, Ruinan Liu, and Johannes Urpelainen. "Geographic and socio-economic barriers to rural electrification: New evidence from Indian villages." *Energy Policy* 106 (2017): 278-287.
1. Dugoua, Eugenie, and Johannes Urpelainen. "Relative deprivation and energy poverty: when does unequal access to electricity cause dissatisfaction?" *International Journal of Energy Research* 38, no. 13 (2014): 1727-1740.

Book Chapters, Reviews, Reports and non-refereed publications

- Dugoua, Eugenie. 2022. "Research and Innovation Policies for the Green Transition". Forthcoming in *Science, Research and Innovation Performance of the EU*.

Previous Research and Work Experience

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| 2015-2016 | Research assistant, Suresh Naidu, Columbia University |
| 2008-2010 | Technical brand manager, Research & Development, Procter and Gamble, Belgium |
| 2008 Jan-Jul | Research project on nuclear waste management, Tsinghua University, China |

Awards and Grants

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| 2020 | LSE STICERD Research Grant (£5000) |
| 2020 | NBER Economics of Innovation in the Energy Sector (\$7500) Honorarium for Project: "Green Innovation in Production Networks: Empirical Evidence from the Auto Industry" |
| 2020 | NBER Economics of Innovation in the Energy Sector (\$7500) Honorarium for Project: "Induced Innovation, Inventors, and the Energy Transition" |
| 2019 | LSE STICERD Research Grant (£5000) |
| 2019 | UKERC IVUGER (£3800) |
| 2017-2018 | Dissertation Fellowship, Columbia University |
| 2016-2017 | Mellon Interdisciplinary Graduate Fellowship, Columbia University |
| 2015 | Graduate Global Policy Research fellowship, Columbia University |
| 2012-2017 | Dean's Fellowship, Columbia University |

Teaching

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| 2021 – | Deputy Director MSc Environmental Economics and Climate Change |
| 2018-2022 | LSE, Department of Geography and environment |
| | GY222 Applied Environmental Economics (BSc) (6 weeks) |
| | Course coordinator |
| | GY426 Environmental and Resource Economics (MSc) (3 weeks) |

	GY420 Environmental Regulation (MSc) (2 weeks)
	GY455 Economic Appraisal and Evaluation (MSc) (2 weeks)
Spring 2017	Teaching assistant, Economic Development (Miguel Urquiola)
Fall 2016	Teaching assistant, Growth and Economic Development (Xavier Sala-i-Martin)
Summer 2015	Textbook companions for <i>The Age of Sustainable Development</i> (Jeffrey Sachs)
Spring 2015	Teaching assistant, Challenges of Sustainable Development (Jeffrey Sachs)
Fall 201	Teaching assistant, State and Society (Victoria Murillo)
Spring 2014	Teaching assistant, Political Economy of Development (Chris Blattman)
Fall 2013	Teaching assistant, Energy Economics (Gernot Wagner)

Doctoral students (year started)

Ina Drouven (2020), Julien Picard (2019), Yang Zheng (2018), Leanne Cass (2018)

External PhD Examining

Paris Dauphine (Eugenie Joltreau, 2021)

Other Mentoring and Supervision

2021-2022	8 undergraduate mentees, 6 MSc mentees, 7 Msc dissertations
2020-2021	11 undergraduate mentees, 6 MSc mentees, 3 UG and 10 MSc dissertations
2019-2020	10 undergraduate mentees, 8 MSc mentees and 10 MSc dissertations
2018-2019	6 undergraduate mentees, 14 MSc mentees and 10 MSc dissertations

Service

2020 –	Member of the scientific committee for the Annual Congress of the European Economic Association
2019 –	Member of the organizing and program committee for the annual LSE Workshop in Environmental Economics
2020	Member of the scientific committee for the CEPR/EBRD/ECB Symposium on “Climate Change, Finance and Green Growth
2014-2015	President, Sustainable Development Doctoral Society, Columbia University
2015	Lead organizer, Interdisciplinary PhD Workshop on Sustainable Development, Columbia University
2013	Lead organizer, Science and Policy Summer School, Columbia University and Science Po Paris

Referee Service

Management Science, Journal of the Association of Environmental and Resource Economics, World Development, Energy Economics, Nature Sustainability, Energy Policy, Climate Change Economics, International Journal of Remote Sensing, Remote Sensing, Sustainability, Empirical Economics, International Journal of Environmental Research and Public Health.

Invited Conferences and Presentations (including scheduled):

2022	Paris School of Economics, Toulouse School Economics, University of East Anglia (economics), Oxford (INET), Oxford (Climate Economics), Paris Dauphine
2021	Berkeley (Agricultural and Resources Economics), Stockholm (Institute of Transition Economics), Wharton (Energy Economics), CEPR (Economics of Climate Change), Discussant at CEPR/EBRD/ECB Symposium on “Climate Change, Finance and Green Growth, AEA
2020	Duke Kunshan University (economics), Yale (Environmental Economics Seminar), NBER (Energy Innovation September Meeting), Cesifo (Energy and Climate Economics), New Approaches to Sustainable and Inclusive Growth Conference

- (Hangzhou, China, scheduled), International Economic Association Annual Conference (scheduled), European Economic Association Annual Conference (organized session), AEA (scheduled)
- 2019 AERE summer conference, EAERE annual conference, Symposium on Technical Change, Innovation and Climate (LSE), CEIP Economics of Environmental Policy and Innovation Workshop (Ottawa), European Economic Association Congress, LSE SEDS seminar
- 2018 MIT (Sloan Technological Innovation, Entrepreneurship, and Strategic Seminar), Haverford College (Economics Seminar), UCSB (Economics Seminar), London School of Economics (Environmental Economics Seminar), Toulouse School of Economics (Environmental Economics Seminar), Tilburg University (Tilburg Law and Economics Center), University of Oregon (Economics Seminar), Mines ParisTech CERNA, SELE (Tenth Annual Meeting of the Society for Environmental Law and Economics), NBER Innovation summer institute, NBER EEE summer institute, UC Santa Barbara (Occasional California Workshop on Environmental and Resource Economics).