

## Dr EUGENIE DUGOUA

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### Appointment

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

### Affiliations

2019 – Beijer Young Scholars programme, Beijer Institute of Ecological Economics,  
Royal Swedish Academy of Sciences  
2019 – Associate, Grantham Research Institute on Climate Change and the  
Environment, London School of Economics  
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  
2012-2013 Graduate Diploma in Economics, University of London  
2005-2008 Diplôme d'Ingénieur, Chimie-ParisTech  
*Equivalent to BSc and MSc in Chemistry and Chemical Engineering*  
2006-2007 Cycle in International Management, Ecole des Ponts ParisTech

### Research Interests

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

### Work in Progress

- **Dugoua, Eugenie**, and Marion Dumas. “Green Innovation in Production Networks: Empirical Evidence from the Auto Industry.”
- **Dugoua, Eugenie**, and Todd Gerarden. “Induced Innovation, Inventors, and the Energy Transition.”
- Andres, Pia, **Eugenie Dugoua** and Marion Dumas. “From AI to Green: Can Spillovers Accelerate the Green Transition?”
- **Dugoua, Eugenie**, and Todd Gerarden. “What Caused the Recent Decline in Clean Energy Patenting?”

### Working Papers

- **Dugoua, Eugenie**, and Marion Dumas. “A Theoretical Model of Technological Change in Industrial Networks and Implications for a Green Technological Transition.” (submitted)
- **Dugoua, Eugenie**. “Induced Innovation and International Environmental Agreements: Evidence from the Ozone Regime.”
- Alem, Yonas, and **Eugenie Dugoua**. “Peer Effects and Technology Diffusion: Experimental Evidence with Solar Lanterns in India.” (R&R)

### Other Publications

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.

### Previous Research and Work Experience

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

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

2019-2020 Similar to previous year, plus one week on GY426  
 2018-2019 LSE, Department of Geography and environment  
     GY222 Applied Environmental Economics (BSc) (6 weeks)  
     GY455 Economic Appraisal and Evaluation (MSc) (4 weeks)  
     GY426 Environmental and Resource Economics (MSc) (2 weeks)  
     GY420 Environmental Regulation (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 *The Age of Sustainable Development* (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

Julien Picard (yr1), Yang Zheng (yr 2), Leanne Cass (yr 3)

### Other Mentoring and Supervision

2019-2020 10 undergraduate mentees, 8 MSc mentees and 12 MSc dissertations  
 2018-2019 6 undergraduate mentees, 14 MSc mentees and 10 MSc dissertations

### Service

2020 Member of the organizing and program committee for the 3<sup>rd</sup> LSE Workshop in Environmental Economics

- 2019 Member of the organizing and program committee for the 2<sup>nd</sup> EPR/EBRD/Economics of Transition/LSE Symposium on “Environmental Economics and the Green Transition”
- 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**

JAERE, Nature Sustainability, Energy Policy, International Journal of Remote Sensing

**Invited Conferences and Presentations:**

- 2020 Oxford (scheduled), NBER (scheduled, Energy Innovation September Meeting), New Approaches to Sustainable and Inclusive Growth Conference (Hangzhou, China)
- 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 CERN, 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).