

# LORENZO SILECI

Grantham Research Institute on Climate Change and the Environment  
London School of Economics and Political Science, Houghton Street, London WC2A 2AE  
✉ l.sileci@lse.ac.uk • 📞 +393284477266 • [lorenzosileci.com](http://lorenzosileci.com)

## Research Interests

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Environmental Economics | Development Economics | Applied Econometrics | Geographic Data Science

## Current Employment

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<b>Grantham Research Institute on Climate Change and the Environment, LSE</b> Postdoctoral Research Officer <i>The Economics of Biodiversity Additionality (BIOADD)</i>	Feb 2023 - present
<b>LSE, Department of Geography and the Environment</b> Visiting Research Fellow	Apr 2023 - present

## Education

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<b>London School of Economics and Political Science, UK</b> PhD in Environmental Economics Thesis: "Causal Inference in Spatial Environmental Economics" Examined by Prof. Paul Ferraro and Prof. Hendrik Wolff <i>Awarded without corrections</i>	2018 - 2023
<b>London School of Economics and Political Science, UK</b> MSc in Environmental Economics and Climate Change (Distinction)	2016 - 2017
<b>University of Sydney, Australia</b> Postgraduate Coursework Exchange Program (Distinction)	2015
<b>University of Florence, Italy</b> BA in Economics and Trade (110/110 <i>cum laude</i> )	2011 - 2014

## Publications

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Palmer, C., Groom, B., Sileci, L., and Langton, S. (2024). Biodiversity-food trade-offs when agricultural land is spared from production. [Forthcoming at the *American Journal of Agricultural Economics*] [Available at LSE]

Groom, B., Palmer, C., and Sileci, L. (2022). Carbon emissions reductions from Indonesia's Moratorium on forest concessions are cost-effective yet contribute little to Paris commitments. *Proceedings of the National Academy of Sciences*, 119 (5), February 2022. [Available at PNAS]

Bates, A. E. *et al.* (2021). Global COVID-19 lockdown highlights humans as both threats and custodians of the environment. *Biological Conservation* 263, 109-175. [Available at Biological Conservation]

Amador-Jiménez, M., Millner, N., Palmer, C., Pennington, R.T. and Sileci, L. (2020). The Unintended Impact of Colombia's Covid-19 Lockdown on Forest Fires. *Environmental and Resource Economics* 76, 1081-1105. [Available at Environmental and Resource Economics]

## Working Papers

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Pagel, J., **Sileci, L.** (2024) More Than Just Carbon: The Socioeconomic Co-benefits of Large-Scale Tree Planting. *Grantham Research Institute on Climate Change and the Environment Working Paper Series No. 410*. [Under Review] [GRI WP]

**Sileci, L.** (2023). Carbon pricing with regressive co-benefits: evidence from British Columbia's carbon tax. *Centre for Climate Change Economics and Policy Working Paper No. 430*. *Grantham Research Institute on Climate Change and the Environment Working Paper No. 405*. [Under Review] [JMP - latest version]

## Work in Progress

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Oil Spills, Agricultural Production and Deforestation in Nigeria (with Elena Perra and Marco Sanfilippo)

Policy Layering and Biodiversity Additionality in Indonesia (with Ben Groom and Charles Palmer)

Large-scale Tree Planting, Land-use Change and Biodiversity (with Jeff Pagel and Charles Palmer)

## Teaching Experience

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**GY476: Applied Geographical Information Systems** 2022

*London School of Economics and Political Science*

Student Evaluations: 5/5

**GY222: Applied Environmental Economics** 2023

*London School of Economics and Political Science*

Student Evaluations: 4.4/5

**GY499: Dissertation** 2019-23

*London School of Economics and Political Science*

**GY350: Dissertation** 2019

*London School of Economics and Political Science*

## Conferences and Invited\* Presentations

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**2025:** IE University Madrid\*, IAERE

**2024:** University of Exeter\*, ifo Institut\*, University of Bologna\*, XII Giorgio Rota Award Conference\*, 1st GSSI Environment, Climate Change and Disasters Workshop, EAERE\* (online), XXV BIOECON, Nordic Environmental and Resource Economics Seminar\*, University of Sydney\*, Monash Environmental Economics Workshop 2024, 10th FSR Climate Conference

**2023:** envecon23, AERE, EAERE, XXIV BIOECON, Paris Dauphine Climate Economics Chair Conference, GRI Empirical Seminar

**2022:** LSE Geography, SASCA PhD Conference, LSE WIP Seminar

**2021:** LSE Geography, UniFi DELoS Seminar

**2020:** SWEET, LSE Geography, GRI Seminar

**2019:** LSE Geography, GRI Seminar, LEEPIn Conference

**2018:** LSE Geography, LSE South East Asia Centre, XX BIOECON

## Other Experience

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<b>European University Institute</b> <i>Research Associate, Robert Schuman Centre for Advanced Studies, Global Governance Programme</i> Project: Services and Economic Development in Africa	Jan 2021 - Aug 2021
<b>European University Institute</b> <i>Research Assistant, Robert Schuman Centre for Advanced Studies, Global Governance Programme</i>	May 2020 - Jan 2021
<b>Carbon Cap Management LLP, London, UK</b> <i>External Consultant</i>	May 2019 - Jun 2019
<b>LSE Middle East Centre</b> <i>Research Assistant</i>	Jan 2018 - Apr 2018
<b>Grantham Research Institute for Climate Change and the Environment</b> <i>Research Assistant</i>	Sep 2017 - Apr 2018
<b>LSE, Department of Geography and Environment</b> <i>Research Assistant</i>	Sep 2017 - Feb 2018

## Technical Skills, Languages, Service

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<b>Statistical Software</b>	R, Python, Stata
<b>Other Software &amp; Tools</b>	LaTeX, Google Earth Engine, QGIS, GitHub
<b>Languages</b>	Italian (native), English (fluent), Spanish (basic)
<b>Refereeing</b>	Environmental and Resource Economics (>1)
<b>Supervision</b>	Dissertation co-supervisor MSc EECC (LSE)

## Awards and Scholarships

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<b>University of Florence, Italy</b> <i>Productivity and Merit Scholarship</i>	2011-2014
<b>Regione Toscana, Italy</b> <i>Abroad Master Scholarship, €14,000</i>	2016-2017
<b>LSE South East Asia Centre, UK</b> <i>Research Grant, £5,000</i>	2018
<b>Economic and Social Research Council, UK</b> <i>PhD Research Scholarship, full stipend</i>	2018-2022
<b>Centro Einaudi and Fondazione CRT, Italy</b> <i>XII Giorgio Rota Best Paper Award (1st prize), €2,500</i>	2024
<b>European Association of Environmental and Resource Economists</b> <i>EAERE Best Doctoral Dissertation Award</i>	2024

## References

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**Prof. Ben Groom**

Department of Economics  
University of Exeter

✉ B.D.Groom@exeter.ac.uk

**Prof. Charles Palmer**

Department of Geography and the Environment  
London School of Economics and Political Science

✉ c.palmer1@lse.ac.uk

**Prof. Paul Ferraro**

Carey Business School  
Bloomberg School of Public Health  
Whiting School of Engineering  
Johns Hopkins University

✉ pferrar5@jhu.edu

**Dr. Frank Venmans**

Grantham Research Institute on  
Climate Change and the Environment  
London School of Economics and Political Science

✉ F.Venmans1@lse.ac.uk