

Chiara Vagnini

Postdoctoral Researcher

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ACADEMIC APPOINTMENTS

Postdoctoral Researcher, *University of Bologna* 2025 – onward

Project: Integrated platform for enhanced analysis of environmental, social, and governance reports

Main Advisor: Matteo Mura

Teaching Assistant, *University of Bologna* 2021 – onward

Department of Industrial Engineering

Course: Business Management

EDUCATION

PhD in General Management, *University of Bologna* 2020 – 2025

Dissertation: “Cognitive biases in sustainable operations and supply chain management. Empirical evidence and implications in sustainable sourcing”

Advisors: Matteo Mura, Mariolina Longo, Pietro Micheli

Visiting PhD Student, *INSEAD* 2024

Sustainable Business Initiative research group, Technology & Operations Management Department

France, January – July

PI: Atalay Atasu

MSc in Management Engineering, *University of Bologna* 2017 – 2020

Final grade: 110/110 with honors

Visiting MSc student – Erasmus+ Program, *Technical University of Berlin* 2018 – 2019

BSc in Management Engineering, *University of Bologna* 2014 – 2017

Final grade: 108/110

RESEARCH INTERESTS

Industrial decarbonization; Spatial econometrics; EU regions.

Behavioral operations management; Cognitive biases; Sustainable sourcing.

PUBLICATIONS

1. **Vagnini, C.**, Canal Vieira, L., Longo, M., & Mura, M. (2025). Chasing net zero: An exploratory space-time analysis of European regions' industrial carbon emissions. *Journal of Environmental Management*, 391, 126466. <https://doi.org/10.1016/j.jenvman.2025.126466>
2. **Vagnini, C.**, Canal Vieira, L., Longo, M., & Mura, M. (2025). Regional drivers of industrial decarbonisation: a spatial econometric analysis of 238 EU regions between 2008 and 2020. *Regional Studies*, 59(1), 2380369. <https://doi.org/10.1080/00343404.2024.2380369>

BOOK CHAPTERS

1. Longo, M., Mura, M., **Vagnini, C.**, Zanni, S. (2021). [Chapter 5. Sustainability measurement: Evolution and methods](#), in Jingzheng Ren (Eds.) *Methods in Sustainability Science*, Elsevier, ISBN: 9780128239872.

WORK IN PROGRESS / UNDER REVIEW

1. **Vagnini, C.**, Canal Vieira, L., Longo, M., & Mura, M. Chapter 23: Measuring Progress Towards Net Zero, in Farooq Sher (Eds.) *Net Zero: A Blueprint for Global Sustainability*, Elsevier. Under review.
2. **Vagnini, C.**, Longo, M., & Mura, M. Exploring cognitive bias effects on sustainable sourcing decisions: Literature review and future research agenda. Work in progress.
3. **Vagnini, C.**, Longo, M., & Mura, M. Cognitive biases in sustainable sourcing decisions. Work in progress.
4. **Vagnini, C.**, Canal Vieira, L., Longo, M., & Mura, M. Regional decarbonization cluster and spatial spillovers in Europe. Work in progress.
5. **Vagnini, C.**, Longo, M., & Mura, M. The determinants of consumer purchase behavior toward sustainable packaging. Work in progress.

REPORTS

1. Longo, M., Mura, M., Zanni, S., **Vagnini, C.** (2023). [Report 7: Strategic value chains for circular economy – ceramic sector](#). *Observatory on Sustainable Development (SuMM Lab)*.
2. Longo, M., Mura, M., Zanni, S., **Vagnini, C.** (2023). [Report 6: Certifications](#). *Observatory on Sustainable Development (SuMM Lab)*.
3. Longo, M., Mura, M., Zanni, S., **Vagnini, C.** (2022). [Report 5: Corporate social responsibility and equal opportunities](#). *Observatory on Sustainable Development (SuMM Lab)*.
4. Longo, M., Mura, M., Zanni, S., **Vagnini, C.** (2022). [Report 4: Energy transition](#). *Observatory on Sustainable Development (SuMM Lab)*.
5. Longo, M., Mura, M., Zanni, S., **Vagnini, C.** (2021). [Report 3: Life cycle thinking for product innovation](#). *Observatory on Sustainable Development (SuMM Lab)*.
6. Longo, M., Mura, M., Zanni, S., **Vagnini, C.** (2021). [Report 2: Sustainable Packaging](#). *Observatory on Sustainable Development (SuMM Lab)*.
7. Longo, M., Mura, M., Zanni, S., **Vagnini, C.** (2021). [Report 1: Framework development and dataset construction](#). *Observatory on Sustainable Development (SuMM Lab)*.

SPEAKING TO PRACTICE / IN THE MEDIA

1. **Vagnini, C.**, Longo, M., Mura, M., Zanni, S. (2023). [Innovation and sustainability: New frontiers in the Italian ceramic sector](#). BBS Knowledge (9 November 2023).
2. **Vagnini, C.**, Longo, M., Mura, M., Zanni, S. (2023). [Voluntary certifications: A lever for innovation and sustainability in Italian companies](#). BBS Knowledge (9 November 2023).
3. **Vagnini, C.**, Longo, M., Mura, M., Zanni, S. (2022). [The future of Italy, if the energy transition goes slowly](#). BBS Knowledge (20 September 2022).
4. **Vagnini, C.**, Longo, M., Mura, M., Zanni, S. (2022). [Italy's run-up on product innovation for the circular economy](#). BBS Knowledge (11 May 2022).
5. **Vagnini, C.**, Longo, M., Mura, M., Zanni, S. (2021). [The difficult pursuit of sustainable packaging](#). BBS Knowledge (10 December 2021).
6. **Vagnini, C.**, Longo, M., Mura, M., Zanni, S. (2021). [Sustainability Measurement and Management Laboratory](#). BBS Knowledge (17 May 2021).
7. **Vagnini, C.**, Longo, M., Mura, M., Zanni, S. (2021). [CSR, questa sconosciuta](#). BBS Knowledge (4 May 2021).

CONFERENCE PAPERS / PROCEEDINGS

1. **Vagnini, C.**, Longo, M., & Mura, M. (2025). Cognitive Biases in Sustainable Sourcing Decisions Evidence on Anchoring, Status Quo and Herd Effect. In *Academy of Management Proceedings* (Vol. 2025, No. 1, p. 21514). Valhalla, NY 10595: Academy of Management.
<https://journals.aom.org/doi/abs/10.5465/AMPROC.2025.21514abstract>
2. **Vagnini, C.**, Longo, M., Mura, M. (2025). Cognitive biases in sustainable sourcing decisions: Evidence on anchoring, status quo, and herd effect. *32nd European Operations Management Association Conference*, Politecnico di Milano, Italy, 13th-18th June.
3. **Vagnini, C.**, Canal Vieira, L., Longo, M., & Mura, M. (2024). Chasing net-zero: Emissions decline and regional polarization of European carbon-intensive industrial sectors. *35th Annual Scientific Meeting of the Italian Association of Management Engineering*, Università degli Studi di Palermo, Italy, 10th-11th October.
4. **Vagnini, C.**, Longo, M., Mura, M. (2024). The effect of decision biases and heuristics on sustainable sourcing. *31st European Operations Management Association Conference*, ESADE, Spain, 1st-3rd July.
5. **Vagnini, C.**, Longo, M., Mura, M. (2024). The effect of decision biases and heuristics on sustainable sourcing. *PRME World Tour Research Paper Development Workshop*, University of Bologna, Italy, 20th May.
6. **Vagnini, C.**, Longo, M., Mura, M. (2023). Unpacking cognitive biases of sustainable operations and supply chain management: An operationalization study. *34th Annual Scientific Meeting of the Italian Association of Management Engineering*, Politecnico di Milano, Italy, 12th-13th October.
7. **Vagnini, C.**, Longo, M., Mura, M. (2023). Oversimplification in sustainable operations and supply chain management: An exploratory study. *24th Continuous Innovation Network Conference*, Johannes Kepler University Linz, Austria, 15th-19th September (Accepted for presentation).
8. **Vagnini, C.**, Canal Vieira, L., Longo, M., Mura, M. (2023). Industrial decarbonisation pathways in European regions: A spatial econometric analysis. *10th Sustainability, Ethics, & Entrepreneurship Conference*, San Juan, Puerto Rico, USA, 3rd-5th March.
9. Longo, M., Mura, M., Zanni, S., **Vagnini, C.** (2022). Spillover effects of factors influencing regional CO2 emissions in Europe: A spatial econometric analysis. *International Sustainable Development Research Society Conference*, Stockholm, Sweden, 15th-17th June (Accepted for presentation).

10. Longo, M., Mura, M., Zanni, S., **Vagnini, C.** (2022). The Determinants of Consumer Purchase Behavior toward Sustainable Packaging. *International Sustainable Development Research Society Conference*, Stockholm, 15th-17th June (Accepted for presentation).
11. **Vagnini, C.**, Longo, M., Mura, M., Zanni, S. (2021). Antecedents to industrial Sustainability Transition pathways: A panel analysis of European regions. *International Sustainability Transitions Conference*, Fraunhofer Institute, Germany, 5th -8th October (online).
12. Mura, M., Longo, M., Zanni, S., **Vagnini, C.** (2020). Antecedents to Sustainability Transition pathways: A longitudinal analysis on European regions. *27th European Operations Management Association Conference*, University of Warwick, United Kingdom, 29th-30th June (online).

POST GRADUATE TRAINING

- International Workshop on Circular Economy and Sustainability 2025
- Early Career Workshop, European Operations Management Association 2025
- Journal Publishing Workshop, European Operations Management Association 2025
- Doctoral Seminar, European Operations Management Association 2024
- PRME World Tour Research Paper Development Workshop 2024
- PhD Summer School, Italian Association of Management Engineering 2021 – 2023

ACADEMIC MEMBERSHIP

- Member of the Italian Association of Management Engineering. 2021 – onward
- Member of the [Observatory on Business Sustainability](#). 2020 – onward

HONORS AND AWARDS

- Marco Polo Scholarship, *University of Bologna* 2024
- PhD scholarship, *University of Bologna* 2020 – 2024

ACADEMIC SERVICE

- 2025: **Reviewer** for Academy of Management Conference.
- 2025: **Reviewer** for R&D Management Conference.
- 2023: **Organizing Committee Member**, 31st Italian Association of Management Engineering PhD Summer School, *University of Bologna*.
- 2021–2023: **Committee Expert Member**, Chartered Industrial Engineer qualification, *University of Bologna*.

PROFESSIONAL EXPERIENCE

Intern at ALMACUBE S.R.L., Bologna and Geneva

2019 – 2020

Participation in the Challenge Based Innovation Programme, developing a prototype to innovate hospital cleaning services in collaboration with CERN researchers.

ADDITIONAL INFORMATION

Coding skills: R, Stata.

Statistical software: SPSS, GeoDa.

PERSONAL

- Italian citizen.
- Spoken languages: Italian (native), English (fluent), French (intermediate), German (intermediate).
- Chartered engineer.