

# CURRICULUM VITAE

Leticia Canal Vieira

Dipartimento di Scienze Aziendali - Università of Bologna  
Via Terracini, 28 - 40131 Bologna

## 1. Presentation

I am a Post-doctoral research fellow at the Department of Management, University of Bologna. I have a bachelor in Environmental Engineering (Universidade de Passo Fundo, Brazil), a masters' in Production Engineering (Universidade Federal do Rio Grande do Sul, Brazil) and a PhD in Environmental Planning (Griffith University, Australia). I have teaching experience in Australia and Italy on sustainability transitions and sustainability performance measurement and reporting.

My research interest lies in how organisations respond to global sustainability challenges and integrate them into their business strategies and performance management systems. More specifically, I am studying how manufacturing industries address the low-carbon transition and climate change action and how instruments like decarbonisation strategies and sustainability reports can create organisational change. Previously, I have researched food systems and the role local initiatives can play in a sustainability transition and in increasing food systems' resilience to climate change effects.

## 2. Personal Information

Date of Birth: 24 october 1990

Nationality: Brazilian and Italian

Languages:

Portuguese (native speaker);

English (Full professional proficiency);

Italian (Full professional proficiency);

Spanish (Professional working proficiency)

### 3. Education

Sep 2016 - Feb 2020. PhD in Environmental Planning at the Cities Research Institute, School of Environment and Science, Griffith University (Australia).

Thesis title: Creating sustainable and resilient urban food systems: A study of Australian alternative food networks.

Supervisors: Associate Professor Michael Howes, PhD, Dr Silvia Serrao-Neumann, Prof Brendan Mackey, PhD.

Mar 2014 – Mar 2016. Master in Production Engineering, Engineering School, Universidade Federal do Rio Grande do Sul (Brazil).

Dissertation title: Critical Success Factors and Barriers related to the application of Cleaner Production in Brazil.

Supervisor: Dr. Fernando Gonçalves do Amaral.

Mar 2008 – Dec 2012. Bachelor in Environmental Engineering, Universidade de Passo Fundo (Brazil).

Final work: The use of passive samples for air quality monitoring.

Supervisor: Dr. Eduardo Pavan Korf.

### 4. Research Experience

Jun 2020 - Present. Post-doctoral Research Fellow at the Department of Management, University of Bologna (Italy).

Project title: “Measuring Sustainable Performance of Industrial Ecosystems (SusTran)”, ING-IND/35.

My research focuses on how manufacturing industries address the low-carbon transition and climate change action and how instruments like decarbonisation strategies and sustainability reports can create organisational change. More specifically, the studies I have developed dealt with i) European energy and manufacturing industries' progress towards the net-zero target, ii) the kinds of decarbonisation strategies adopted by major oil companies and their relationship with external pressures, iii) the capacity of decarbonisation strategies of manufacturing companies' recognised as leader in climate action of contributing to sustainability transitions.

Jun 2018 – Dec 2018. Research Assistant at the School of Environment and Science, Griffith University (Australia).

I worked on three different projects involving government and industry partners:

- 1) “Queensland Local Food Contingency Plan”: I assisted in compiling background data for elaborating a food contingency plan for the region.
- 2) “Noosa Climate Action Plan”: My role involved mapping actions by Noosa’s local government on climate change adaptation to the coastal impacts of sea level rise and coastal flooding.
- 3) “Climate Change Adaptation and Resilience for Water Utilities”: This partnership with Queensland Urban Utilities focused on water utility adaptation to the impacts of climate change. My role was investigating and devising possible disruptions affecting water and wastewater utilities and strategies to overcome challenges.

Oct 2018 - Nov 2018. Research Assistant, University of Western Sydney (Australia).

Project: “REDD+ in the Brazilian Amazon”.

I have assisted Professor Brendan Mackey, PhD, Dr Beatriz Garcia de Oliveira, and Lawrence Rimmer in producing an academic article investigating the validity of using carbon finance to protect forests on indigenous lands in the Brazilian Amazon.

Apr 2010 - Nov 2012. Junior Researcher, Faculty of Architecture and Engineering, University of Passo Fundo (Brazil).

Project: “Management of Environmental Projects”.

I was a junior scholarship holder in a research project on incorporating sustainability in university operations. My tasks were related to data collection and analysis, elaboration of conference presentations, and production of written outputs.

## 5. Teaching Experience

a.a. 2022-2023, I Cycle. Adjunct professor at School of Engineering, University of Bologna.

Course: Sustainability Transition Management M [cod. 96179] - [Modulo 2], 3 CFU - Laurea Magistrale in Ingegneria Gestionale.

The overarching aim of the course is to provide students with frameworks and tools to understand Sustainability Transition Management, emphasising the role of business and innovation. I was responsible for the course module that covered an introduction to sustainability transition's interdisciplinary nature, its implications for key sectors, and frameworks and instruments that can assist companies in managing sustainability transitions.

a.a. 2021-2022, II Cycle. Co-instructor at Bologna Business School, University of Bologna.  
Course: "Measuring Sustainable Performance" - in the Master in Sustainability Transition Management II

The course cover aspects related to the elaboration of Sustainability Performance Management Systems. It illustrates how companies can develop sustainability strategies to reconcile different stakeholders' needs and multiple sustainability challenges. The course also focuses on how companies formalise and implement sustainability strategies. I was responsible for the sessions "Strategy design for sustainability transitions", "Metrics and target setting", and "Sustainability reporting".

a.a. 2021-2022, II Cycle. Instructor at Bologna Business School, University of Bologna.

Course: "Sustainability" in the custom program "CAMST- Facilitatori dell'innovazione, BBS"

Course: "Sustainability Transition Management" in the Master's in Public Management and Innovation IV.

Course: "Innovation Strategy and Sustainability" custom program SCM Group.

Course: "Misurazione della Sostenibilità" in the program Sustainability Transition (Unindustria)

a.a. 2017 - 2018, II Cycle. Academic tutoring, Griffith University (Australia).

Course: "Introduction to Environmental Sustainability (1043SCG)"

The course introduces students to environmental sustainability and how the concept can be used to solve real-world problems. It explores the relationships between the natural, rural, industrial, and urban environments and includes the study of the impact humans have upon nature. I was part of the teaching team of A/P Michael Howes and Dr. Kimberly Reis. I prepared and facilitated practical seminars that followed weekly classes and evaluated the course's final written assignment.

## 6. Publications

### Peer-reviewed journals

1. Vieira, L.C., Longo, M. and Mura, M. (2022). From carbon dependence to renewables: The European oil majors' strategies to face climate change. *Business Strategy and the Environment*. <https://doi.org/10.1002/bse.3185>
2. Vieira, L.C., Longo, M., Mura, M. (2022). Will the regime ever break? Assessing socio-political and economic pressures to climate action and E. *Climate Policy* 15. <https://doi.org/10.1080/14693062.2022.2044283>
3. Vieira, L. C., Longo, M., & Mura, M. (2021). Are the European manufacturing and energy sectors on track for achieving net-zero emissions in 2050? An empirical analysis. *Energy Policy*, 156, 112464.

4. Vieira, L. C., Serrao-Neumann, S., & Howes, M. (2021). Daring to build fair and sustainable urban food systems: A case study of alternative food networks in Australia. *Agroecology and Sustainable Food Systems*, 45(3), 344-365.
5. Garcia, B., Rimmer, L., Canal Vieira, L., & Mackey, B. (2021). REDD+ and forest protection on indigenous lands in the Amazon. *Review of European, Comparative & International Environmental Law*, 30(2), 207-219.
6. Vieira, L.C., Serrao-Neumann, S., Howes, M. (2019). Local action with a global vision: the transformative potential of food social enterprises in Australia, *Sustainability*, 11(23), 6756.
7. Vieira, L.C. and Saurin, T.A., 2018. Análise de acidente ambiental: estudo de caso usando o Método de Análise da Ressonância Funcional. *Eng Sanit Ambient*, 23(2), pp.373-383.
8. Vieira, L.C., Serrao-Neumann, S., Howes, M. and Mackey, B., 2018. Unpacking components of sustainable and resilient urban food systems. *Journal of Cleaner Production*, 200, pp.318-330.
9. Vieira, L.C. and Amaral, F.G., 2017. Barriers and critical success factors applying cleaner production: a survey with Brazilian specialists. *Brazilian Journal of Operations & Production Management*. Rio de Janeiro, RJ. Vol. 14, no. 4, p. 603-611.
10. Vieira, L.C. and Amaral, F.G., 2016. Barriers and strategies applying Cleaner Production: a systematic review. *Journal of Cleaner Production*, 113, pp.5-16.
11. Brandli, L.L., Frandoloso, M.A.L., Roorda, N., Fraga, K.T. and Vieira, L.C., 2014. Evaluation of sustainability using the AISHE Instrument: case study in a Brazilian University. *Brazilian Journal of Science and Technology*, 1(1), p.4.
12. Vieira, L.C., Korf, E.P. and Brandli, L.L., 2013. Passive samplers for air quality monitoring in a Brazilian university. *International Journal of Environment and Pollution* 7, 53(1-2), pp.148-158.

#### Book chapters

1. Yadeun-Antuñano M., Vieira L.C. (2019) Indigenous Perspectives of Resilience: Strength and Adaptive Strategies. In: Leal Filho W., Wall T., Azeiteiro U., Azul A., Brandli L., Özuyar P. (eds) *Good Health and Well-Being*. Encyclopedia of the UN Sustainable Development Goals. Springer, Cham

## 7. Conferences and Seminar Papers

1. Vieira, L.C., Longo, M., Mura, M. (Oct, 2022) 'Exploring companies' decarbonisation strategies contribution to sustainability transitions', XXXIII Riunione Scientifica Annuale RSA AiIG 2022, Rome (Italy).
2. Vieira, L.C., Longo, M., Mura, M. (Nov, 2021). 'Exploring European oil majors' response to pressures for climate action', 8th European Conference on Corporate R&D and Innovation, Virtual conference.
3. Vieira, L.C., Longo, M., Mura, M. (Oct, 2021). 'Reorientation or resistance? Exploring European oil majors' response to decarbonisation', 2th International Sustainability Transitions Conference 2021: Mainstreaming Sustainability Transitions: From Research towards Impact, Karlsruhe (Germany).
4. Vieira, L.C.; Serrao-Neumann, S.; Howes, M. (Dec 2019). 'Alternative food networks and opportunities for transformation towards a sustainable and resilient urban food system', State of Australian Cities Conference, Perth (Australia).
5. Vieira, L.C. (Nov 2019). 'Deepening, broadening, and scaling-up: the case of Australian local food initiatives', AESOP-SFP Agroecological transitions confronting climate breakdown: Food planning for the post-carbon city, ETSAM - Univerisdad Politécnica de Madrid, Madrid (Spain).
6. Vieira, L.C. (Oct 2019). 'The contribution of Australian alternative food networks to sustainable food consumption practices', Sustainable Food Systems <> Sustainable Diets Conference, American University of Rome, Rome (Italy).
7. Vieira, L.C. (Aug 2018). 'Climate change and the need for resilient urban food systems', Climate Change Response Program Symposium - Griffith University, Brisbane (Australia).

## 8. Science Communication

1. Interview for the BBS website "Net-Zero emissions by 2050. From Cop26, a possible goal?". Available at <https://www.bbs.unibo.eu/net-zero-emissions-by-2050-from-cop26-a-possible-goal/>

2. Interview for the BBS website “Green transition is still a mirage for Europe’s big oil companies”. Available at <https://www.bbs.unibo.eu/green-transition-is-still-a-mirage-for-europes-big-oil-companies/>
3. Publication of an article at Corriere della Sera “Misurare e confrontare, Solo così si alza l’asticella” Leticia Canal Vieira, 12 april 2022.
4. Participation on the announcement of the winners of the Premio Bilancio di Sostenibilità, 11 April 2022. Available at <https://www.bbs.unibo.eu/sustainability-report-award-first-edition/>

## 9. Participation in projects

Jun 2021 - Apr 2022. Premio Bilancio di Sostenibilità 2022.

The “Premio Bilancio di Sostenibilità 2022” was a partnership between RCS Media Group and Bologna Business School that sought to evaluate the quality of sustainability reports of Italian companies. I assisted in the development of the sustainability reports assessment methodology and instrument. This process involved reviewing current sustainability reports' standards and a focus group with Italian experts. I was also involved in the evaluation of the reports and the elaboration and divulgation of results.

## 10. Scholarships

Oct 2019 - Dec 2019. Publication Assistance Scholarship, Griffith University, Australia: support for research candidates who have submitted their thesis and wish to write up their research and submit for publication whilst they await the result of their examination.

Sep 2016 - Sep 2019. Griffith University Postgraduate Research Scholarship (GUPRS), Griffith University, Australia: living allowance and relocation allowance.

Sep 2016 - Sep 2019. Griffith University International Postgraduate Research Scholarship (GUIPRS), Griffith University, Australia: covers tuition fees up to three years for doctoral candidates and overseas student health cover.

Mar 2014 – Mar 2016. Master’s Scholarship, Conselho Nacional de Desenvolvimento Científico e Tecnológico (CNPq), Brazil: living allowance for full-time dedication to the MA in Production Engineering at Universidade Federal do Rio Grande do Sul (Brazil).

Apr 2010 – Nov 2012. Junior Researcher Scholarship (PROBIC), Fundação de Amparo a Pesquisa do Estado do Rio Grande do Sul (FAPERGS), Brazil: I was a scholarship holder in the research group Management of Environmental Projects at Universidade de Passo Fundo (Brazil).

## 11. Software Skills

Microsoft Office Package, SPSS and NVivo (advanced); R Studio, Stata, Arc GIS and QGIS (intermediate).