

# CAROLINE RODRIGUES VAZ

Dr. Vaz is an expert in sustainability with special focus on Sustainability Transitions and intellectual capital in industrial sectors. Her recent research projects entail the context of Electric Mobility and Biogas power generation in Brazil. Dr. Vaz is also a prolific scholar with over 100 journal and conference publications. She is also an expert in advanced methods of literature review integrating quantitative statistical approaches in bibliometrics with qualitative content analysis.

## EDUCATION

- 2018  
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2016
- **Postdoc in Industrial Engineering**  
Federal University of Santa Catarina  
Florianopolis, Brazil
    - Postdoc Research in Electric Vehicle and System Dynamics Modeling
    - CNPq Fellow, Supervised by Prof. Alvaro Lezana
- 2016  
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2011
- **PhD. in Industrial Engineering**  
Federal University of Santa Catarina  
Florianopolis, Brazil
    - PhD Dissertation: Intellectual Capital and Reverse Logistics
    - CNPq Fellow, Supervised by Prof. Paulo Selig
    - Exchange Period at Ecole de Tarbes (France) - Prof. Bernard Grabot
- 2010  
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2009
- **M.Sc. in Industrial Engineering**  
Federal Technological University of Parana  
Ponta Grossa, Brazil
    - Thesis: Solid Waste Analysis
    - CAPES Fellow, Supervised by Prof. Ivanir de Oliveira
- 2009  
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2008
- **MBA in Industrial Management: Production and Maintenance**  
Federal Technological University of Parana  
Ponta Grossa, Brazil
    - Thesis: Solid Waste Analysis
- 2008  
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2007
- **MBA in Science and Technology Education**  
Federal Technological University of Parana  
Ponta Grossa, Brazil
    - Thesis: Solid Waste Analysis
- 2007  
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2004
- **B.S. in Food Technology**  
Federal Technological University of Parana  
Ponta Grossa, Brazil
    - Thesis: Quality Control

## ACADEMIC EXPERIENCE

- Current  
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2022
- **Associate Professor**  
Federal University of Santa Catarina  
Florianopolis, Brazil
    - Department of Industrial and Systems Engineering
    - Courses taught in Undergraduate Level: Environmental Management, Ethics, Layout Planning
    - Courses taught in Graduate level: Innovation, Systematic Reviews

## CONTACT

Born and raised in Ponta Grossa, Brazil 🇧🇷

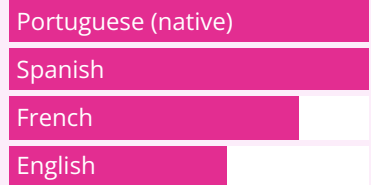
Lives in Florianopolis, Brazil 🇧🇷

Age: 36 years old

✉ [caroline.vaz@ufsc.br](mailto:caroline.vaz@ufsc.br)

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## LANGUAGE SKILLS




## SPECIFIC SKILLS



## PROGRAMMING SKILLS

📄 NVivo  
📄 VOSViewer  
📄 CITNetExplorer  
📄 Bibliometrix  
RevMan  
📄 Factory Design Utilities


2021  
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2018

- **Associate Professor**  
Federal University of Santa Catarina  Blumenau, Brazil
  - Department of Textile Engineering
  - Courses taught in Undergraduate Level: Quality Engineering, Management, Work Safety, Environmental Management, Production Planning and Control, Operational Research
  - Courses taught in Graduate level: Innovation, Systematic Reviews



## VISITING POSITIONS

2013  
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2013

- **Exchange Period at PhD Level**  
Ecole Nationale d'Ingenieurs des Tarbes  Tarbes, France
  - Exchange PhD Studies under the Supervision of Prof. Grabot
  - CNPq Fellow



## SELECTED PUBLICATIONS

2022  
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2022

- **A multi-country simulation-based study for end-of-life solar PV panel destination estimations**  
Sustainable Production and Consumption
  - Authored with Marcuzzo, R; de Araujo WC; Uriona, M

2022  
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2022

- **The evolution, consolidation and future challenges of wind energy in Uruguay**  
Energy Policy
  - Authored with Correa, KC; Uriona, M

2021  
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2021

- **A Systems Modeling approach to estimate biogas potential from biomass sources in Brazil**  
Renewable And Sustainable Energy Reviews
  - Authored with Borges CP; Sobczak JC; Silberg TR (USA); Uriona M

2020  
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2020

- **The Influence of E-Carsharing Schemes on Electric Vehicle Adoption and Carbon Emissions: An Emerging Economy Study**  
Transportation Research Part D: Transport and Environment
  - Authored with Luna TF; Silva ME (France); Uriona, M.

2019  
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2019

- **Reverse flows within the pharmaceutical supply chain: A classificatory review from the perspective of end-of-use and end-of-life medicines**  
Journal of Cleaner Production
  - Authored with Viegas, CV; Bond, A (USA); Bertolo RJ

2019  
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2019

- **A Proposal of Intellectual Capital Maturity Model (ICMM) Evaluation**  
Intellectual Capital
  - Authored with Selig, PM; Viegas, CV

2017  
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2017

- **Comparing patent and scientific literature in airborne wind energy**  
Sustainability
  - Authored with de Souza Mendonça, A.K.; Lezana, A.G.R.; Anacleto, C.A.; Paladini, E.P.

2017  
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2017

- **Sustainability and innovation in the automotive sector: A structured content analysis**  
Sustainability
  - Authored with Shoeninger Rauen, T.R.; Rojas Lezana, A.G.

## PUB RECORD




59 Journal Publications  
10 Books  
32 Book Chapters  
212 Conference Papers

See full details at the Brazilian Lattes online cv Platform [here](#)

### Learning online from:

Datacamp  
Coursera  
Udemy  
MapData  
Academia

### Noteworthy International Collaborations

w/ Prof. Peter Wells   
w/ Prof. Minelle Silva   
w/ Prof. Guillermo Davila   
w/ Prof. Sebastian Oliva 