



INTERNAL NOTICE No. 1/2023 Postdoctoral Fellowship Linked to Thematic Project – FAPESP (process no. 2020/16011-5)

The Escola Politécnica of the Universidade de São Paulo – EP/USP, hereby announces the awarding of Postdoctoral Fellowships funded by FAPESP (São Paulo Research Foundation, <http://www.fapesp.br/>):

1. Objectives:

Selection of 2 (two) Postdoctoral Fellows linked to Thematic Project 2020/16011-5: "**Circular Business Models and Ecosystem: embracing social inclusion perspective.**" The selected Postdoctoral Fellows will be associated with the development of the following work packages within the aforementioned project:

• Working Plan 1 – Business Ecosystems and Circular Business Models

Abstract: WP1 will address both research questions, RQ1 How do circular business models (CBMs) currently create, capture and share value through business ecosystems?, and RQ2 How do business ecosystem dynamics influence the implementation and value delivery of CBM?. It is the foundation for modelling a conceptual model of dynamic CE business ecosystem, identifying the members, their roles and their interdependencies in the ecosystem. It will conceptualize the interactions of multiple stakeholders, feedback loops and the emergence of complex behaviours among agents. WP1 will also conceptualize how ecosystem dynamics influence the complex value network in the circular economy, the trade-offs between triple bottom line (TBL) dimensions and the stakeholder conflicts and tensions between value creation and value capture.

• Working Plan 3 – The relationships between drivers and barriers for the Socially Inclusive Circular Business Model.

Abstract: WP3 will address RQ4 What are the main barriers and drivers to scale Circular Business Models? It will investigate how drivers and barriers for SICBM relate to each other in business ecosystems and how they influence CE and SI outcomes. It will seek to evaluate, prioritize and further understand what are the key barriers and drivers that may help and support organizations' shift towards CE practices. This will help to develop effective strategies to mitigate/eradicate these barriers and accelerate transition and upscaling of circular economy.

2. List of Researchers/ Supervisors:

Profa. Dra. Marly Monteiro de Carvalho (RI)

ORCID ID: <https://orcid.org/0000-0003-0119-5316>

CV Lattes: <http://lattes.cnpq.br/1386670520349091>

Profa. Dra. Roberta Souza de Castro Piao (PI)

ORCID ID: <https://orcid.org/0000-0002-0243-3729>

CV Lattes: <http://lattes.cnpq.br/4775923423505257>

Profa. Dra. Susana Carla Farias Pereira (PI)

ORCID ID: <https://orcid.org/0000-0002-3952-7489>

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3. Selection Criteria and Required Documents:

Expected Skills: Candidates should possess prior experience in planning, organizing, and conducting field research. Proficiency in tools for qualitative and quantitative data analysis is required. Familiarity with supporting software such as Nvivo, RStudio, Biblioshiny, UCINET, SmartPLS, IBM SPSS, Vensim, among others, is desirable.

Publication History: Candidates must have a strong record of accomplishment of publications in journals within the fields of Administration and/or Production Engineering. The ability to communicate ideas effectively through high-impact academic publications is highly regarded.

Responsibilities: As Postdoctoral Fellows, researchers will engage in cutting-edge research on Sustainability and Circular Economy, exploring innovative data analysis tools and theories for complex problem analysis. Collaboration with a multidisciplinary team of researchers to address challenging issues and contribute to ongoing work packages is expected.

3.1 Candidate Requirements:

- a) Candidates must have completed their doctoral degree with a topic related to the project within the last 7 (seven) years.
- b) Candidates must dedicate themselves full-time to the research project.
- c) Fellows cannot hold any employment relationship or receive any other scholarship, salary, or compensation from work activities of any kind for the entire duration of the fellowship, except as stipulated in FAPESP's PR nº 05/2012.
- d) Candidates must demonstrate the potential for independent scientific development, a motivation for research, a history of scientific publications demonstrating their academic potential, and a proven mastery of the skills required for the selected project.
- e) Candidates must have proficiency in the English language for reading, scientific writing, and conversation.

3.2 Documents:

- a) Curriculum Lattes for Brazilian candidates or Curriculum Vitae for foreign candidates.
- b) ORCID with links to publications.
- c) A motivation letter from the candidate summarizing their adherence to the prerequisites and skills required in the selected subproject (less than 500 words, written in English).
- d) One letter of recommendation.
- e) A certificate or letter proving proficiency in the English language for candidates from non-English-speaking countries.
- f) Doctoral diploma or an official letter from the University's Student Administration certifying the thesis defense and the date of completion of the doctoral degree.

Duration:

The fellowships will have a duration of 24 (twenty-four) months and may be renewed for an additional 24 (twenty-four) months, in accordance with the FAPESP Normative Instruction in force as of September 1, 2020 (<https://fapesp.br/bolsas/pd>).

Location:

The activities will primarily take place at the Department of Production Engineering of the Escola Politécnica of USP and at the Getúlio Vargas Foundation SP. Candidates must be available for travel and interaction with researchers from other campuses and partner institutions in Brazil and abroad.



Universidade de São Paulo
Escola Politécnica
Departamento de Engenharia de Produção



Applications:

The positions are open to candidates of any nationality. Applications are open until 6:00 PM (GMT-3) on Friday, October 27, 2023, and must be formalized by sending a message to the following email address: anita.siqueira@usp.br cc: marlymc@usp.br, susana.pereira@fgv.br, robertacsouza@usp.br

Candidates must be available for interviews via Google Meet.

Final Provisions:

The selection process for these positions will be based on an individual analysis of the academic merit.

After the merit evaluation, virtual interviews will be scheduled with qualified candidates. Candidates whose curriculum and motivation letters are considered insufficient will not be invited for the virtual interview.

Upon selection, the candidate's documents and research project will be submitted to FAPESP for final approval.

Each fellow will receive a postdoctoral fellowship in the amount of BRL 9,047.40 (nine thousand and forty-seven Brazilian Reals and forty cents) per month, in addition to a technical reserve equivalent to 10% of the annual fellowship value to cover expenses related to the project.

For more information, please contact: FAPESP Postdoctoral Fellowship: www.fapesp.br/bolsas/pd

São Paulo, October 15, 2023

Prof. Dr. Marly Monteiro de Carvalho
Responsible Investigator - Project 2020/16011-5
Escola Politécnica - Universidade de São Paulo (USP)