

25th July 2023

CALL FOR PAPERS

Transition from Linear to Circular Economy through Open Innovation

A Special Issue will be published through Elsevier's Journal of Innovation & Knowledge (IF:18.1 CS:14.9)

This special issue shall advance knowledge regarding the interrelationship between Circular Economy (CE) and Open Innovation (OI). It aims to promote the businesses' transition to new models of sustainable development.

Several governments are taking action to develop green policies (i.e., The European Green Deal, the United Nations 2030 Agenda, etc.). Specifically, the UN organization has compiled a list of 17 Sustainable Development Goals (SDGs), among which SDG12 promotes sustainable production and consumption patterns. Underlying this goal is the concept of the CE, which is considered as an economic approach that is intended to minimize the businesses' impacts on the natural environment by reducing, reusing and recycling resources in production systems.

Previous research reported that there is a business case for manufacturing firms to implement CE practices. Therefore, this topic appeals to the practitioners themselves as well as to governments and academics. There is scope for scholars to investigate how organizations can effectively implement CE principles to improve their productivity whilst engaging in sustainable behaviors. In this context, OI represents a viable approach to foster and speed up the implementation of circular initiatives. However, for the time being, few contributions sought to explore how OI

ecosystems could facilitate the businesses' transition from linear economic approaches to the CE processes. Hence this special issue aims to address this gap in academic knowledge.

Guest editors:

Madjid Tavana (Business Systems and Analytics Department, Distinguished Chair of Business Analytics, La Salle University, Philadelphia, United States, tavana@lasalle.edu and Business Information Systems Department, Faculty of Business Administration and Economics, University of Paderborn, Paderborn, Germany)

Serena Strazzullo (Department of Industrial Engineering, University of Naples Federico II, P.le Tecchio 80, 80125, Naples, Italy. serena.strazzullo@unina.it)

Mark Anthony Camilleri (Department of Corporate Communication), University of Malta, Msida MSD 2080, Malta, mark.a.camilleri@um.edu.mt)

Moacir Godinho Filho (Department of Industrial Engineering, EM Normandie Business School Metis Lab, France & Federal University of São Carlos, Brazil, moacir@dep.ufscar.br)

Serena Filippelli (Department of Engineering and Architecture, University of Parma, Parco Area delle Scienze 181/A, 43124, Parma, Italy. Serena.filippelli@unipr.it)

Benedetta Pini (Department of Engineering and Architecture, University of Parma, Parco Area delle Scienze 181/A, 43124, Parma, Italy. benedetta.pini@unipr.it)

The guest editors look forward to receiving theoretical and empirical contributions that are related to the following research topics (and research questions):

OI approaches that support the organizations' transition to CE practices

- How can OI approaches support private and public organizations adopting CE practices?
- What differences can be found in CE initiatives based on OI rather than on a closed approach to innovation?
- Which are the performance implications (e.g., organizational, financial, etc.) of leveraging OI approaches for CE practices?
- How to measure the effectiveness of OI approaches that advance CE initiatives?
- How can the contextual variables (e.g., industry type, industry size, policy, etc.) affect OI approaches that advance CE initiatives?
- How do we theorize the effect of OI approaches on the *organizations' circular transition*?

Stakeholders' relevance and the institutions' roles in OI-driven CE initiatives

- How can practitioners involve stakeholders in their CE behaviors?
- What are the opportunities and challenges for the stakeholders' implementation of CE processes?
- How can regulatory institutions promote the adoption of OI-driven CE practices?
- How can practitioners and stakeholders rely on OI approaches to gather, organize, share and analyze knowledge about CE?

Circular business model enabled by OI

- How can an OI paradigm facilitate circular business model innovations in well-established organizations?
- How does an OI approach advance the circular economy practices?
- What indicators can be (re)designed to measure the circularity of business models enabled by OI?

Manuscript submission information:

Prospective authors can submit their contributions (before 31st October 2024) to this special issue by selecting article type “*VSI: Open Innovation*”, via Elsevier's Manuscript Submission System. All submissions will be double-blind peer reviewed by expert evaluators.

Keywords:

Circular economy; Open Innovation.

Why publish in this Special Issue?

- Special Issue articles are published together on ScienceDirect, making it incredibly easy for other researchers to discover your work.
- Special content articles are downloaded on ScienceDirect twice as often within the first 24 months than articles published in regular issues.
- Special content articles attract 20% more citations in the first 24 months than articles published in regular issues.
- All articles in this special issue will be reviewed by no fewer than two independent experts to ensure the quality, originality and novelty of the work published.

[Learn more about the benefits of publishing in a special issue.](#)