



## Advances in Sustainability, Digital Transformation, and Supply Chain Maturity

Guest Editors:

**Prof. Dr. Marina Bouzon**

Department of Production  
Systems Engineering, Federal  
University of Santa Catarina,  
Florianópolis, Brazil

**Prof. Dr. Diego Castro  
Fettermann**

Department of Production  
Systems Engineering, Federal  
University of Santa Catarina,  
Florianópolis, Brazil

**Prof. Dr. Cristina López**

Department of Business  
Administration and Marketing,  
Universidad Pablo de Olavide,  
Sevilla, Spain

Deadline for manuscript  
submissions:

**closed (31 July 2025)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue seeks to compile original research on the increasing maturity of supply chain sustainability integration and digital transformation. Research areas may include (but need not be limited to) the following:

- Maturity models for the integration of digital transformation and sustainability in supply chains;
- The role of digital technologies in advancing sustainability maturity in logistics (e.g., IoT for real-time monitoring, AI for resource optimization);
- The evaluation of supply chain maturity in adopting circular economy principles and reverse logistics;
- Case studies on the drivers and barriers of firms at different maturity levels in achieving sustainable supply chain goals;
- Frameworks for assessing digital and sustainability maturity and their impact on global supply chain resilience;
- Digital transformation maturity in sustainable procurement and green logistics;
- Research on how supply chain maturity influences the ability to identify, assess, and mitigate risks (i.e. what are the key risk factors that organizations at different maturity levels should prioritize?).

We look forward to receiving your contributions.





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Steve W. Lyon**

School of Environment and  
Natural Resources, Ohio State  
University, Columbus, OH 43210,  
USA

## Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed within [Scopus](#), [SCIE](#) and [SSCI \(Web of Science\)](#), [GEOBASE](#), [GeoRef](#), [Inspec](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

**Journal Rank:** JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

## Contact Us

---

*Sustainability* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[X@Sus\\_MDPI](#)