



## Managing Sustainable Development: Technology, Modelling & Applications

Guest Editors:

**Prof. Dr. V. Ravi.**

Department of Humanities,  
Indian Institute of Space Science  
and Technology, Department of  
Space, Government of India,  
Valiamala P.O., Trivandrum  
695547, Kerala, India

**Prof. Dr. Suresh Subramoniam**

Professor & Director, CET School  
of Management, College of  
Engineering, Trivandrum 695016,  
India

**Prof. Dr. Bijulal D.**

Department of Mechanical  
Engineering, Government  
Engineering College, Barton Hill,  
Thiruvananthapuram 695035,  
Kerala, India

Deadline for manuscript  
submissions:

**31 January 2025**

### Message from the Guest Editors

Sustainable models offer a comprehensive strategy to implement environmentally and socially inclusive applications. Businesses will be successfully overseen by embracing vital unions in SCM with sustainability facilitators through quicker administration and assistance in expansion, effectiveness, and cost benefits. The articles may criticize or support models in previous reviews of sustainable development. They should present new perspectives on the ecological front and links to the sustainability elements in an organization. Research problems pertaining to issues of renewable source utilization, reusable material development, renewable energy, cleaner sources, and circular supply chains, value recovery, and closed-loop supply chains, applications in emerging economies, sustainability, and virgin material sources, or the applications for the adoption of Industry 4.0 could offer new insights in sustainable development. The operation of firms in specific geographic locations and the related turbulences create an imbalance in managing supply chains. This Special Issue aims to focus on these areas.





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Marc A. Rosen**

Faculty of Engineering and  
Applied Science, University of  
Ontario Institute of Technology,  
Oshawa, ON L1G 0C5, Canada

## 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. *Sustainability* publishes original research articles, review 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](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

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

## Contact Us

*Sustainability* Editorial Office  
MDPI, St. Alban-Anlage 66  
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](#)