



## Circular Economy Strategies Applied to Vehicles

Guest Editor:

**Dr. Abel Ortego-Bielsa**

Centro Universitario de la  
Defensa, Universidad de  
Zaragoza, 50009 Zaragoza, Spain

Deadline for manuscript  
submissions:

**31 October 2024**

### Message from the Guest Editor

Over the last few decades, the demand for natural resources has increased exponentially. As a result, ensuring the sustainable use of natural resources is a major concern.

Vehicle manufacturing is one of the sectors that demands a large quantity and variety of materials. A conventional car is made of more than 50 different types of metals and more than 23 different types of plastics, most of which are crucial in their design but also critical from a sustainability perspective.

Moreover, the replacement of current cars for the new generation of vehicles, which are cleaner, safer, and connected, will increase the demand of critical materials in the manufacturing of some components, e.g., batteries, electronics, microchips, sensors, permanent magnets and touch screens. As a result, the availability of raw materials is a matter of concern for the automobile industry; therefore, new sustainable and circular approaches must be urgently applied.

This Special Issue investigates how vehicles can become more sustainable regarding raw materials and how scarce resources can be recovered. We welcome all contributions tackling this broad area of research.





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