

Special Issue

Circular Economy Approaches in Vehicle Manufacturing and Recycling: Challenges and Opportunities

Message from the Guest Editor

This Special Issue will showcase impactful papers focused on applying circular economy strategies along the vehicle life cycle from manufacturing to recycling.

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 are also critical from a sustainability perspective.

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.

Guest Editor

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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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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