



## Management, Environment, Energy and Sustainability under a Circular Economy

Collection Editors:

**Prof. Dr. Elena Magaril**

Department of Environmental  
Economics, Ural Federal  
University, Mira str, 19-418A,  
620002 Ekaterinburg, Russia

**Dr. Elena Rada**

Department of Theoretical and  
Applied Sciences—DiSTA,  
Insubria University of Varese, Via  
G.B. Vico, 46, 21100 Varese, Italy

### Message from the Collection Editors

Dear Colleagues,

The linear economic model, based on a sequential approach 'take-make-consume-throw away', cannot be acceptable in a society oriented to an environmental sustainability. The required change of vision comes from the concept of circular economy: here, products and their materials are valued as most as possible, reducing waste generation to a minimum. Energy recovery from waste should become secondary compared to material recovery, assuming that an economic sustainability must be always guaranteed. What used to be managed as a waste can be turned into a resource, reducing the pressure on environment. The circular economy, built on technical and social innovations, necessitates taking into account the regional priorities, and assumes, on the one hand, the increased energy and material efficiency of technological processes, including those using conventional fuels and energy, and raise in the competitiveness of alternative fuels and energy on the other hand. It is necessary to address the challenges of required optimisation for various energy and materials alternatives, and to indicate innovated solutions for industrial and transportation development.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Damien Giurco

Institute for Sustainable Futures,  
University of Technology Sydney,  
P.O. Box 123 Broadway, NSW  
2007, Australia

## Message from the Editor-in-Chief

Responsible prosperity is underpinned by sustained access to resources. *Resources*, publishes excellent science and scholarship which transforms understanding, practices and policies for conserving all natural resources—from water, land and air; to plant and animal biodiversity; to minerals and energy and their interconnection across scales. Significantly, we invite high quality submissions from natural and social sciences.

Build impact from your research by submitting to *Resources*, an open-access journal connecting you with data, insights, ideas and evidence needed to shape a better world.

## Author Benefits

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

**High Visibility:** indexed within Scopus, ESCI (Web of Science), GeoRef, PubAg, AGRIS, RePEc, and other databases.

**Journal Rank:** CiteScore - Q1 (*Nature and Landscape Conservation*)

## Contact Us

Resources 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/resources](http://mdpi.com/journal/resources)  
[resources@mdpi.com](mailto:resources@mdpi.com)  
[X@resources\\_mdpi](https://x.com/resources_mdpi)