

Topical Collection

Management, Environment, Energy and Sustainability under a Circular Economy

Message from the Collection Editors

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.

Collection Editors

Prof. Dr. Elena Magaril

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

Dr. Elena Cristina Rada

Department of Theoretical and Applied Sciences, Insubria University, 21100 Varese, Italy



Resources

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.2



mdpi.com/si/14224

Resources
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
resources@mdpi.com

[mdpi.com/journal/
resources](https://mdpi.com/journal/resources)





Resources

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.2



[mdpi.com/journal/
resources](https://mdpi.com/journal/resources)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Benjamin McLellan
Graduate School of Energy Science, Kyoto University, Yoshida-honmachi, Sakyo-ku, Kyoto 606-8501, Japan

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), GEOBASE, GeoRef, PubAg, AGRIS, RePEc, and other databases.

Journal Rank:

JCR - Q2 (Environmental Sciences) / CiteScore - Q1
(Nature and Landscape Conservation)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 23.3 days after submission; acceptance to publication is undertaken in 4.5 days (median values for papers published in this journal in the second half of 2025).