

## Circular Economy and Sustainability

### *Call for Papers for a Special Issue:*

## Strategies toward Green Deal Implementation - Water and Raw Materials



This Special Issue will include selected papers presented during the first International Conference 'Strategies toward Green Deal Implementation - Water and Raw Materials (ICGreenDeal2020)', which was held on 14-16 December 2020. The purpose of this Conference was to present the issue of climate change and ways to prevent it through innovative solutions (technological, environmental, economic, and social) that can be implemented under the Green Deal Strategies.

Topics covered by this Special Issue include, but are not limited to, the implementation of the Green Deal Strategies in sectors of the Economy that use Water and Raw Materials. The Thematic Areas are as:

- Sustainable development (SD)
- Sustainable Development Goals (SDGs)
- Climate Change and Strategies toward Climate Neutrality
- Circular Economy (CE)
- Toxic-free Environment (water – soil – air)
- Bioeconomy, Ecosystems and Biodiversity
- Climate Change Impacts on Water Resource
- Management and Use of Water Resources
- Water reuse & Water Recycling
- Wastewater Prevention & Treatment
- Monitoring & Assessment of Water Resources
- Sustainable Management and Use of Raw Materials
- Low-emission Technologies (Mining, Processing & Recovery)
- Sustainable Agriculture & Nutrients Recovery
- Waste-free & Environmentally-friendly Food System
- Clean Energy Transition
- Digital Technologies & Smart Mobility
- Mobilising Research and Fostering Innovation toward Green Transition
- Networking and New Forms of Collaboration
- Importance of Education and Role of Society
- Policy Levers: Regulation, Standardisation, National and Regional Reforms
- Management and Financing the Green Transition
- Impact of the coronavirus pandemic on the development of research and implementation of innovation.

**How to submit:**

Manuscripts should be original and written in English. The suggested length per article is up to 10,000 words, excluding references. Submission requires that the manuscript has not been submitted for review or publication elsewhere and that it will not be submitted elsewhere while the review process is underway.

All papers go through peer-review by at least two experts: with regard to this point, at the time of submission, authors will be asked to suggest a number of reviewers' names.

Papers should be submitted electronically via <https://www.editorialmanager.com/cies/>. Please indicate that this is a submission for the “**Green Deal Conference**” special issue on the author checklist during the submission process. Details about the preparation of the manuscript can be obtained from the journal's webpage at <https://www.springer.com/journal/43615/submission-guidelines>.

**Guest Editors:****Asst. Prof. Marzena Smol**

Mineral and Energy Economy Research Institute, Polish Academy of Sciences, Poland  
(smol@meeri.pl)

**Prof. Eugeniusz Koda**

Warsaw University of Life Sciences – SGGW, Poland  
(eugeniusz\_koda@sggw.edu.pl)

**Asst. Prof. Alexandros I. Stefanakis**

School of Environmental Engineering, Technical University of Crete, Greece  
Editor-in-Chief, Circular Economy and Sustainability  
(astefanakis@isc.tuc.gr)

**Timeline:**

December 14, 2020: Invitation to Contributors

May 31, 2021: Final Submission Deadline

**The Journal:**

The [\*Circular Economy and Sustainability\*](#) (CIES) journal aims to bring a new approach of the key concepts of circular economy and sustainability, by combining the scientific disciplines of economy, management, engineering, technology, environment, and society. As circular economy is necessary today to promote the goals of sustainable development; these scientific areas are not independent to each other, but their relations, interactions and synergies exist and should be further developed and studied. Interdisciplinary approaches and multiple connections between these scientific areas are required not only to reach the sustainability goals but also to solve diverse environmental problems, expand technological limits and overcome potential economic disturbances. This approach is expressed with new policies (command and control, market-based instruments, and circular public procurement), technological suggestions (e.g. technical cycle solutions), environmental engineering technologies (e.g., waste management, 3r strategies, water recycle, wastewater treatment and reuse, renewable energy), circular business models, circular innovations, circular management solutions, consumers' behavior in circular economy, new circular economy products labels and social acceptance in circular economy.

These topics could be classified in three levels; the micro-level (firm-level engineering and managerial level), meso-level (industrial ecology, industrial symbiosis, eco-clusters, eco-industrial parks), and macro-level (general policies, plans, green and sustainable entrepreneurship).