Special Issue

Material-Energy-Water-Carbon Nexus and Sustainable Resource Management

Message from the Guest Editor

The increase in global population and economic activities has been accompanied with an increase in the demand for resources, and consequently, increases in environmental, economic, and social pressure. The issues of resource sustainability have recently been addressed in the United Nations Sustainable Development Goals (SDGs), which are either related directly to resources or require the adequate supply of resources to be achieved. Resources are interlinked in several ways, and broadly correlated with climate change. This Special Issue addresses the interactions across resources, the modelling approaches used in their analyses, and sustainable management, and welcomes original research articles and reviews, including (but not limited to): modelling approaches for the global energy-mineral-water nexus; sustainable resource management under the material-energywater-carbon nexus and its implications for Sustainable Development Goals; the implications of resource nexuses for climate change and carbon neutrality; the impacts of material restrictions on energy system transitions; the role of the circular economy; and the geopolitics of energy transitions.

Guest Editor

Prof. Dr. Ayman Elshkaki

 Institute of Geographic Sciences and Natural Resources Research (IGSNRR), Chinese Academy of Sciences, Beijing 100101, China
 University of the Chinese Academy of Sciences, Beijing 100049, China

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

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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.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G OC5, Canada

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