Special Issue

Land, Water, Food, Energy (LWFE) Security NEXUS for Sustainable Ecosystems and Natural Resource Management

Message from the Guest Editors

The aim of this Special Issues is to highlight the interdependencies between the land, water, food, energy (LWFE) security NEXUS and the sustainable use of natural resources. The topics of the SI will cover, but will not be limited to, the following broad topics:

- Methodology for the LWFE security NEXUS approach to the sustainable use and production of resources;
- Disciplinary and cross-disciplinary biophysical, socioeconomic, land use, and ecosystem models in the context of the LWFE NEXUS and the sustainable use of natural resources;
- Assessment and management of systemic risks for the sustainable use and production of resources;
- Land and water preservation, linkages with LWFE security and biodiversity;
- Efficient resource use and the circular economy;
- Cross-sectoral interdependencies, input-output, and material flow estimations.

Guest Editors

Dr. Guiying Cao

Prof. Dr. Gang Wang

Dr. Tatiana Ermolieva

Deadline for manuscript submissions

closed (25 July 2024)



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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. 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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