Special Issue

Water-Energy-Food: Water Efficient Utilization and Optimal Management Targeting at Water Adaptability Concept

Message from the Guest Editors

This is a call for papers for the Special Issue "Water-Energy-Food: Water Efficient Utilization and Optimal Management Targeting at Water Adaptability Concept". The objectives of this Special Issue are to provide a scientific support for enhancing the resilience of the water-energy-food nexus in water-scarce areas and maintaining the sustainable and high-quality development of regional ecologies and economies. Potential topics for this Special Issue include, but are not limited to, the following:

- Current and future challenges of the water–energy⊠food nexus:
- Innovative methods for water footprint assessment of energy-food production and consumption;
- Virtual water flow embedded in the water-energy-food nexus;
- The influence of climate change and human activities on the water-energy-food nexus;
- Nexus research: concepts, techniques, models, and policies;
- Optimal structure of energy and food production based on water carrying capacity;
- Water allocation in the complex system of energyfood-ecosystem;
- Measures and strategies for common security of water, energy, food, and ecosystems.

Guest Editors

Prof. Dr. Yong Zhao

Dr. Xuerui Gao

Dr. Guohua He

Dr. Shuyu Zhang

Deadline for manuscript submissions

closed (31 July 2023)



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Message from the Editor-in-Chief

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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