

Special Issue

Sustainable Development Solutions Integrating Water, Energy and Land: From Urban to Global Scale

Message from the Guest Editors

The world is undergoing substantial change in terms of the aim of implementing the 17 Sustainable Development Goals (SDGs) to face current and future demographic and climate global challenges. The appropriate management of water, energy, and land resources gives a robust foundation for the development of a broad number of SDGs. The use of land has an impact on water use, with chain effects on regional climate, and electricity generation from renewable energy sources. Energy is required to better manage water resources and improve utilization of the land. Water can generate and store energy, and if well managed, it can require small land areas and evaporation. These and other cross-sectoral interactions are to be explored to improve policy assessment, with relevance that depends on the spatial and temporal scale of each specific analysis. This Special Issue has the objective to review the most relevant challenges, methodologies, and solutions for water–energy–land–nexus-related issues. We look forward to collaborating with authors to continue improving management of these resources. Sincerely,

Guest Editors

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Deadline for manuscript submissions

closed (20 September 2024)



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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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