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Environment and Urban Systems: Simulation, Modeling and Analysis

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Message from the Guest Editor

Dear Colleagues,

Urban systems and ecosystems are facing an increasing number of challenges because of climate change and its interconnection. We need to develop sustainable urban systems, understanding the environmental factors that can affect urban areas' development and also, how the urban areas can affect the environment.

The relation between the urban areas and the environment require scientific research and solutions. We need models that help to understand the relation between the urban areas and the environment, forecast the effect of humankind on the environment, and discuss how to define greener urban areas.

While the focus lies on Simulation, Modeling and Analysis for the environment and urban areas, it also covers solutions for the design of sustainable buildings and cities. Also, we will cover novel techniques or case studies to model and forecast relevant aspects of the environment that will have an impact on society.

Studies of advanced techniques and methods in energy production that will have an impact on the reduction of the impacts are also welcome. Research involving experimental and numerical studies, case studies, recent developments are encouraged.



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Special Issue



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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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