Special Issue

Sustainable Energy Transition: Urban Planning and Climate Change

Message from the Guest Editors

Growth-based planning of cities in a context of climate crisis has become particularly important in the context of dynamic urban growth since 1990. The evolution of urban planning in relation to environmental issues has led to the current situation. For this reason, it is now even more necessary to design and plan cities in the context of climate crisis. Planning with this vision of climate change has become a key factor in controlling urban growth or transformation. This Special Issue aims to present and disseminate the latest developments related to urban planning and greenhouse gas emissions and to analyse the causes, focusing on human activities, land use, and renewable energy sources; make the invisible visible to improve decision-making and the selection of alternatives; and apply scientific data to assess which Urban Master Plan (UMP) design has the smallest carbon footprint when in operation; in other words, those alternatives that have the lowest impact on climate change.

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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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