Special Issue

Sector Coupling for Sustainable Urban and Regional Energy Systems

Message from the Guest Editors

Sector coupling is a pressing issue for integrating volatile renewable energy sources into urban and regional energy systems. Holistically modelling and planning sector coupling means integrating energy savings, energy efficiency, renewable energy generation, energy storage, and energy distribution. Options for sector coupling are also determined by the spatial fabric with consideration of the diversity and density of residential, commercial, industrial, recreational, agricultural, etc. land uses and mobility in urban areas and regions.

This Special Issue welcomes research approaches and innovative ideas that address sector coupling from different perspectives for the sustainable development of urban and regional energy systems and support the energy transition for a decarbonized society and economy. We are looking forward to receiving your contributions.

Guest Editors

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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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