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Revisiting the Nexus between Energy Consumption and Economic Activity

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Message from the Guest Editors

The nexus between energy consumption and economic activity has been studied for decades since, on the one hand, economic activity is used as a primary predictor of changes in energy demand and, on the other hand, energy is regarded as one of the important inputs for economic activity. This Special Issue revisits and renews the nexus to gain new academic insights while incorporating four recent developments related to: 1) new policy and institutional agendas such as the Sustainable Development Goals (SDGs), climate change, renewable energy, non-conventional fossil energy, and energy efficiency governance; 2) the methodological advancements that allow us to elaborate the differences across causality, correlation, confounder, moderator, mediator, and covariate; 3) the increasing availability of big data that instigates methodological transformations and allows us to highlight new dimensions of the nexus such as distributional variations, multiple interactions and detailed time variances; and 4) the increasing availability of data in developing countries that provides experimental opportunities.



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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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