Special Issue

Policies for Carbon-Neutral Energy System

Message from the Guest Editor

It is pivotal to achieve net zero CO2 emissions by the middle of this century if we want to limit global temperature rise within 1.5 □ compared to pre-industrial levels. Following the declaration of carbon neutrality by many countries, the transition to more sustainable energy, such as the agreement on phasing out the use of coal-fired power (in COP 26), is key to achieving global carbon neutrality. The energy sector accounts for about three-quarters of global greenhouse gas emissions, and thus, accelerating energy transition and continuous innovation are required. In such a situation, all initiatives that a government takes to reduce carbon emissions in the energy sector will play a very important role. In particular, the mid-to long-term policy direction should be well established at this early stage. In this Special Issue, any kind of theoretical and empirical study that deals with government policies (as well as firms' strategies) to mitigate carbon emissions in the energy sector would be welcomed.

Guest Editor

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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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