



Sustainable Energy Development under Climate Change

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Message from the Guest Editors

There is evidence that climate change has resulted in many undesirable consequences, such as ocean level rise, desertification, and increased possibility of extreme events. Meanwhile, fossil fuels are considered as the main driver of climate change plus it can be depleted; thus, it is desirable that we find, develop, and promote renewable energy sources that both maintain the environment and provide sustainable energy. However, renewable energy is in many cases costlier than fossil fuels. In order to justify renewable fuel expansion, their full value must be recognized and, thus, their economic and environmental benefits must be comprehensively analyzed in terms of climate change mitigation, energy security, social development, and wealth distribution. In addition, it is also crucial to understand how government policies may affect the future for renewables and other energy forms. The aim of this Special Issue is to explore, document, investigate the full benefits and future prospects for renewable energy sources today and in a future with an expanding amount of climate change.





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