

Special Issue

Energy Price Forecasting and Sustainability on Energy Transition

Message from the Guest Editors

Fluctuating energy prices can have significant implications for various aspects of sustainable development, including environmental, social, and economic dimensions. The energy market is under immense pressure, with the nominal prices of certain energy resources reaching historic highs, likely resulting in enduring ripple effects. The sharp increase in energy prices may have a significant influence on the sustainable development of energy, the environment, and the economy, particularly in developing economies. Hence, employing cutting-edge technologies and novel approaches for the precise forecasting of energy and commodity prices across different time scales is of paramount significance in the current context. This Special Issue will focus on the precise forecasting of bulk commodity prices, particularly energy prices, across various time scales within the context of a sustainable energy transition. It will also examine the economic costs and implications arising from fluctuations in energy prices for the transition toward cleaner energy sources. Furthermore, there will be a specific emphasis on the impacts of energy price fluctuations on sustainable development.

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