

Special Issue

Climate Change, Air Pollution and Sustainable Environmental Protection

Message from the Guest Editors

Climate change encompasses long-term alterations in global or regional climate patterns, prominently characterized by rising surface temperatures. Accelerating climate change has a significant impact on energy consumption as well as public health through increasing energy demands for cooling systems, increasing reliance on non-renewable energy sources, and amplifying health risks such as respiratory and cardiovascular diseases. This Special Issue aims to analyze the aforementioned phenomena in a multidisciplinary way and to present a pipeline of research that can be used as a basis for decision-making to achieve a sustainable environment for future generations. The scope of this Special Issue includes: (1) analyzing urban climate and air quality using advanced methodologies; (2) exploring coupled human–nature interactions with climate change/air pollution; (3) investigating the impacts of climate change on air quality; and (4) delving into the relationships between environmental quality and people under big umbrella of environmental justice.

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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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