

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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