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## Zero Carbon Emissions, Green Environment and Sustainable Energy

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### Message from the Guest Editors

Dear Colleagues,

Climate change and air pollution are two major challenges in the field of the environment. Greenhouse gas and air pollutants emitted in the process of social development have caused unpredictable impacts on the atmospheric environment and climate conditions and have become a significant topic of concern around the world.

CO<sub>2</sub> and air pollutants are homologous, and their anthropogenic emissions all come from the combustion of fossil fuels. Therefore, the ways to control CO<sub>2</sub> and air pollutants are essentially consistent. Topics of interest of the Special Issue include but are not limited to:

- Decarbonization through CO<sub>2</sub> capture, utilization, and sequestration;
- Development of technologies intended for applications to remove air pollutants (such as heavy metals, SO<sub>2</sub>, NO<sub>x</sub>);
- Efficient energy conversion, storage, and utilization;
- Abatement and recycling of solid/hazardous wastes;
- Synergistic emission reduction between CO<sub>2</sub> and air pollutants.



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# Special Issue



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## Message from the Editor-in-Chief

*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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