

Special Issue

Sustainable Technologies for Climate Change Mitigation and Adaptation

Message from the Guest Editor

Barriers for transitioning from climate change mitigation and adaptation planning to practical policy implementation include finance, information, technology, public attitudes, social values and practices, and human resource constraints. Importantly, the diversity of systems, resources, and national contexts means that addressing climate change and other environmental issues will require innovation across a whole range of existing and potential technologies, as well as the development of solutions adapted to local situations. Innovation could reduce the cost of existing climate change mitigation technologies and enable them to be deployed on a large scale, while investment in fundamental research will help to advance the frontiers of technology.

We hope this Special Issue in Sustainability will provide an advanced forum for research related to carbon dioxide and other greenhouse gases removal, capture, and storage, as well as innovative approaches towards adaptation to changing climate conditions.

Guest Editor

Prof. Dr. Linas Kliucininkas

Department of Environmental Technology, Kaunas University of Technology, LT-50254 Kaunas, Lithuania

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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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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. *Sustainability* publishes original research articles, review 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.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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