Special Issue

Approaching a Carbon Neutral and Sustainable Society Using Geological Solutions

Message from the Guest Editors

Global emissions of carbon dioxide and its adverse effect on climate change will continue for many years, although human beings have adopted many kinds of renewable energy. Research advances in CO2 capture and utilization will play an important role in transforming us into a carbon-free society. According to the current situation in the energy market, new unconventional energy sources and sustainable use of the underground are crucial topics for approaching carbon neutrality. The aim of this Special Issue is to provide authors a platform to present their studies and ideas in the declared research area to find the best solutions to solve current problems and to make a positive contribution to human life. The subject is perfectly related to the journal scope. We invite original research articles and critical reviews on topics related (but not limited) to the following:

- Research advances in CO2 capture and CO2 utilization:
- Hydrogen geological storage and use;
- Geothermal energy recovery (including CO2–CPG);
- New unconventional renewable energy recovery;
- Synergy of unconventional renewable methods and technologies.

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Message from the Editor-in-Chief

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.

Editor-in-Chief

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