

## 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 CO<sub>2</sub> 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 CO<sub>2</sub> capture and CO<sub>2</sub> utilization;
- Hydrogen geological storage and use;
- Geothermal energy recovery (including CO<sub>2</sub>-CPG);
- New unconventional renewable energy recovery;
- Synergy of unconventional renewable methods and technologies.

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### Deadline for manuscript submissions

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### Editor-in-Chief

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