

Special Issue

Advanced Technologies for Carbon Mitigation and Carbon Utilization

Message from the Guest Editors

Currently, various strategies and solutions have been adopted by various countries for the purpose of eliminating anthropogenic CO₂ emissions. These approaches include the following: improving energy efficiency; using energy sources that are less carbon-intensive (i.e., natural gas, hydrogen, and nuclear power) or renewable (i.e., solar, wind, hydropower, and geothermal and bio-energy); and enhancing biological sinks (i.e., afforestation and reforestation); and CO₂ capture and storage (CCS). This Special Issue aims to compile contributions (in the form of research articles, letters, reviews, and communications) to update developments in the areas of carbon mitigation and utilization in support of future developments in the low-carbon global economy with net carbon emissions and the availability of reagents.

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