

## Special Issue

# Advances in CO<sub>2</sub> Conversion and Utilization

### Message from the Guest Editors

This Special Issue of *Sustainability* on “Advances in CO<sub>2</sub> conversion and utilization” seeks contributions to assess state-of-the-art technologies, latest developments and future perspectives of CO<sub>2</sub> conversion and utilization applications. Topics include, but are not limited to, new technology and material development, electrochemical and photo-electrochemical CO<sub>2</sub> reduction, plasma-based CO<sub>2</sub> conversion, reactor design, thermochemical CO<sub>2</sub> reduction, DFT calculation, materials for CO<sub>2</sub> adsorption and activation, CO<sub>2</sub> conversion to value-added chemicals, modeling of the CO<sub>2</sub> conversion process, integrated processes for CO<sub>2</sub> utilization, industrial exploitation, and new applications involving CO<sub>2</sub>. Original articles, perspectives, and reviews are welcome. We are looking forward to receiving your work for this Special Issue.

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### Guest Editors

Dr. Guoxing Chen

Prof. Dr. Xin Tu

Dr. Nikolay Britun

Dr. Yaolin Wang

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### Deadline for manuscript submissions

closed (15 October 2022)



## Sustainability

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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.

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### Editor-in-Chief

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