



## Carbon Dioxide (CO<sub>2</sub>) Utilization

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (20 October 2020)**

### Message from the Guest Editor

Dear Colleagues,

We invite submissions to a Special Issue of the Energies journal on the topic of “Carbon Dioxide (CO<sub>2</sub>) Utilization”. The aim of the Special Issue is to highlight the research into CO<sub>2</sub> utilization on all levels of maturity. CO<sub>2</sub> can be employed for many synthesis routes for potential applications in chemical industry. Hence, CO<sub>2</sub> utilization would play a major role towards a more sustainable society, tackling climate change and reducing dependency on fossil resources.

This Special Issue would like to encourage original contributions regarding recent developments and ideas in CO<sub>2</sub> utilization. Potential topics include but are not limited to: Thermal and catalytic conversion of CO<sub>2</sub> into chemicals and fuels; CO<sub>2</sub> conversion by electrochemical, photochemical, plasma-induced, and other non-conventional energy sources; biological conversion of CO<sub>2</sub>; materials for CO<sub>2</sub> activation and adsorption; integrated processes for CO<sub>2</sub> conversion and reduction; CO<sub>2</sub> as a working agent; Policies, regulations, life cycle analysis, economic, environmental, and social aspects of CO<sub>2</sub> utilization.

Prof. Basu Saha  
Guest Editor





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## Message from the Editor-in-Chief

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