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Carbon Dioxide (CO₂) 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 (CO₂) Utilization”. The aim of the Special Issue is to highlight the research into CO₂ utilization on all levels of maturity. CO₂ can be employed for many synthesis routes for potential applications in chemical industry. Hence, CO₂ 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 CO₂ utilization. Potential topics include but are not limited to: Thermal and catalytic conversion of CO₂ into chemicals and fuels; CO₂ conversion by electrochemical, photochemical, plasma-induced, and other non-conventional energy sources; biological conversion of CO₂; materials for CO₂ activation and adsorption; integrated processes for CO₂ conversion and reduction; CO₂ as a working agent; Policies, regulations, life cycle analysis, economic, environmental, and social aspects of CO₂ utilization.

Prof. Basu Saha
Guest Editor



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Special Issue



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Editor-in-Chief

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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