

## Special Issue

# Carbon Capture, Storage and Utilization

### Message from the Guest Editor

Over the past decades, Earth has experienced an increasing occurrence of events that can be attributed to global warming, including melting sea ice, rising sea levels and extreme weather patterns. As CO<sub>2</sub> is the greenhouse gas most responsible for global warming, there is a pressing need to drastically reduce anthropogenic emissions of CO<sub>2</sub> in the atmosphere. Even as the world transitions to energy systems with no or low CO<sub>2</sub> emissions, we must address the CO<sub>2</sub> produced by the existing fossil fuel-based energy paradigm. Researchers all over the world are developing innovative, multi-disciplinary carbon capture and storage (CCS) and carbon capture and utilization (CCU) strategies to reduce the amount of CO<sub>2</sub> in the atmosphere, mitigate the effects of greenhouse gases and convert waste CO<sub>2</sub> to useful products. To advance the field and accelerate the development and deployment of these important technologies, this Special Issue encourage researchers to share their latest work on CCU and CCS.

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### Guest Editor

Prof. Dr. Eric Croiset

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### Deadline for manuscript submissions

closed (10 July 2019)



## Energies

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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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### Editor-in-Chief

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