

# Special Issue

## Recent Progress in the Application of Gas Geochemistry

### Message from the Guest Editor

The present Special Issue is dedicated to the recent findings in the various fields of gas geochemistry. The special issue is particularly focused on the novel experimental and modelling approaches to enhance our knowledge in understanding of the geological and environmental applications of this interesting topic in oil and gas industry, earth science, hydrogen technology and greenhouse gas (GHG) emissions. The Special Issue covers the following themes: 1) Geochemistry of CO<sub>2</sub> geological storage 2) Gas hydrate reservoirs: From exploration to production 3) Gas condensate reservoirs; Geochemistry of near wellbore zone 4) Environmental impact of greenhouse gases on earth 5) Adsorption of greenhouse gases on soil; Direct CO<sub>2</sub> capture 6) Geological hydrogen storage; Hydrogen/Rock interaction 7) Gas behaviour in porous media; Pore scale modelling of gas flow in porous materials 8) Shale gas geochemistry 9) Ocean gas geochemistry; Impact of GHGs on Ocean Dr. Sina Rezaei-Gomari

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### Guest Editor

Prof. Dr. Sina Rezaei Gomari

Centre for Sustainable Engineering, Teesside University, Borough Rd, Middlesbrough, UK

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### Deadline for manuscript submissions

closed (31 October 2021)



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## About the Journal

### 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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