energies

an Open Access Journal by MDPI

IMPACT FACTOR 3.0

CITESCORE 6.2

Recent Progress in the Application of Gas Geochemistry

Guest Editor:

Dr. Sina Rezaei Gomari
Centre for Sustainable Engineering, School of Computing, Engineering and Digital Technologies, Teesside University, Middlesbrough TS1 3BX, UK

Deadline for manuscript submissions:
closed (31 October 2021)

Message from the Guest Editor

Dear Colleagues,

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_2 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_2 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
Guest Editor

mdpi.com/si/63648

Special Issue

energies

IMPACT FACTOR 3.0

CITESCORE 6.2

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.
Journal Rank: CiteScore - Q1 (Control and Optimization)

Contact Us

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
𝕏@energies_mdpi