Special Issue

Fundamentals of Enhanced Oil Recovery

Message from the Guest Editor

For many years, there has been a clear trend of increasing energy demand. Despite the search for alternative energy sources, it is estimated that oil and natural gas will be the main source of energy in transport for the next several dozen years. However, the reserves of renewable raw materials are limited in volume. Along with the degree of depletion, oil recovery becomes increasingly difficult, even though the deposits are not yet completely empty. Therefore, it is essential to find new methods to increase oil and gas recovery. Actions aimed at intensifying oil recovery are a very rational use of energy that has not yet been fully used. This Special Issue will mainly cover original research and studies on the above-mentioned topics, including but not limited to improving the efficiency of oil recovery, improving the correct selection of drilling fluids, secondary methods of intensifying production, appropriate energy management in the oil industry, and so on. Papers selected for this Special Issue will be subject to a rigorous peer-review procedure with the aim of rapid and wide dissemination of research results, developments, and applications.

Guest Editor

Dr. Marcin Kremieniewski

Department of Drilling Technology, Oil and Gas Institute, National Research Institute, 31-503 Krakow, Poland

Deadline for manuscript submissions

closed (20 January 2022)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/66358

Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

mdpi.com/journal/energies

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/journal/energies

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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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)

MDPI