

Special Issue

Embedded Discrete Fracture Model (EDFM) for Advanced Naturally and Hydraulically Fractured Reservoir Simulation

Message from the Guest Editors

Embedded discrete fracture models (EDFM) have been recently developed and widely proven to be the best fracture modeling tool for simulating any and all types of fractures (hydraulic and natural) to enhance reservoir models to drastically improve predictability and optimization/development strategies for both primary and enhanced oil recovery applications. Having this capability is critical because fractures can dominate the results seen in the field. This system can be swiftly integrated into existing frameworks for all fractured reservoirs to perform more predictive sensitivity analyses, more representative history matching, and accurate production forecasting. This Special Issue solicits original and high-quality research articles related to the EDFM developments and its applications in naturally and hydraulically fractured reservoirs.

Guest Editors

Dr. Wei Yu
Prof. Dr. Kamy Sepehrnoori
Prof. Dr. Kan Wu

Deadline for manuscript submissions

closed (1 July 2021)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/53711

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

[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)





Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



[mdpi.com/journal/
energies](https://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)