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

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Deadline for manuscript submissions

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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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