



Geomechanics and Reservoir Simulation

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Deadline for manuscript
submissions:

closed (20 December 2023)

Message from the Guest Editors

Dear Colleagues,

In recent years, considerable progress has been made in the study of geomechanics and reservoir simulation. Moreover, recent advances in geomechanics-based geoengineering enable scientists to research different scales of oil and gas reservoir exploitation in laboratories. With the in-depth development of multidisciplinary intersections, big data, artificial intelligence algorithms, and others, many new methods have been introduced into geomechanics and reservoir simulation, and a number of new research results are emerging. The purpose of this research topic is to describe new developments and to expound basic theories, technical methods, field practices, and technological frontiers in geomechanics and reservoir simulation. This research topic will collect comprehensive review articles and original research articles of any scientific work and fundamental study for “geomechanics and reservoir simulation”.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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