Special Issue

Quantitative Evaluation, Efficient Development, Seepage, and Simulation of Geo-Energy Resources

Message from the Guest Editors

With the increasing demand for quantitative evaluation, efficient development, and accurate simulation of geo-energy resources, the field of geoscience and energy engineering has been witnessing significant advancements. This Special Issue aims to explore the latest developments and applications in the evaluation of geo-energy resources, effective methods for promoting their extraction, and the simulation of reservoir flow in geological formations. The topics include, but are not limited to:

- Quantitative evaluation of geo-energy resources, including methods for assessing the potential and feasibility of various forms of underground resources.
- Efficient development of geo-energy resources, focusing on innovative techniques and technologies for enhancing extraction efficiency, reducing environmental impact, and optimizing the overall performance of energy extraction processes.
- Seepage and simulation of geological resources, encompassing advanced modeling and simulation techniques for understanding the flow behavior of fluids, gases, and other substances within subsurface reservoirs and the impact on resource extraction.

Guest Editors

Dr. Zhixue Sun

School of Petroleum Engineering, China University of Petroleum, Qingdao 266580, China

Prof. Dr. Xiaoguang Wang

College of Energy, Chengdu University of Technology, Chengdu 610059, China

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

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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto
Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

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