Special Issue

Reservoir Engineering and Carbon Sequestration

Message from the Guest Editor

For sustainable and environment-unharmful energy development, the reliable analyses of subsurface fluid flow are essential since most energy resources are obtained from the underground space. This special issue pursues sustainability managing different-scale data to solve complex geoscience problems related to reservoir engineering and carbon sequestration. The topic of interest is the cutting-edge computer-assisted technologies to solve geoscience problems and to optimize the complex multidisciplinary problems. Related topics include but are not limted to the following subjects: (1) Reservoir engineering (2) Compuational modeling (3) Optimization (4) Data science (deep learning, machine learning, data assimilation) (5) CO2 geological storage (7) Uncertainty quantification (8) Multiphase flow associated with earth system (9) Geothermal energy

Guest Editor

Prof. Dr. Changhyup Park
Department of Energy and Resources Engineering, Kangwon National University, Chuncheon 24341, Korea

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

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I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Marc A. Rosen
Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G 0C5, Canada

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