

# Special Issue

## Petroleum Geomechanics

### Message from the Guest Editor

We cordially invite you to submit your high-quality manuscripts to the Special Issue of the Journal of *Energies* on Petroleum Geomechanics. The theme of the paper may relate to the geomechanics of the wellbore, the reservoir, or the overlying layers. These problems include wellbore stability, sand production, hydraulic fracturing, and caprock integrity, among others. The manuscript may be a review paper or based on your applied and fundamental studies using physical model testing, mathematical modeling, or field case studies. For instance, fundamental research may be about modeling and capturing the response of weak rocks to drilling, injection, and production operations. Applied research includes improved methods of constructing wells and producing wells, developing numerical and physical models for sand production prediction, wellbore stability and formation damage issues, physical and mathematical modeling of borehole breakouts, hydraulic fracturing, shale oil/gas geomechanics, and surface subsidence or heave, among others. We look forward to receiving your manuscripts to this Special Issue.

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### Guest Editor

Prof. Dr. Alireza Nouri

Department of Civil & Environmental Engineering, University of Alberta, Edmonton, AB, Canada

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### Deadline for manuscript submissions

closed (20 February 2021)



## Energies

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## 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.

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### Editor-in-Chief

Prof. Dr. Enrico Sciubba

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