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## Fluid Dynamics Modeling in Porous Media

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Deadline for manuscript submissions:

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### Message from the Guest Editors

Modeling fluid flows through fractured and/or deformable porous media remains an interesting but challenging topic in the geo-energy field. Success in geo-energy resources extraction, energy storage, CO<sub>2</sub> geosequestration, and understanding ore-forming processes relies strongly upon the accurate modeling of single-/multi-phase fluid flow through porous media. The rapid advancement of physics-driven and data-driven approaches provides us with a rare opportunity to simulate and comprehend essential interplay between fluid flow, heat transfer, stress perturbation, chemical reaction, and pore/permeability evolution. The research in fluid dynamics modeling provides high support in the mitigation of greenhouse gas emissions and the efficient development and utilization of geo-energy resources.

[...]

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## Message from the Editor-in-Chief

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