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Emerging Advances in Petrophysics: Porous Media Characterization and Modeling of Multiphase Flow

Guest Editors:

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Deadline for manuscript submissions:
closed (30 September 2018)

Message from the Guest Editors

Petrophysics, especially studies on porous media characterization and multiphase flow, are relevant to multi-disciplinary porous media research, such as hydrocarbon extraction, geosciences, environmental issues, hydrology, biology, and so on. The relevant stakeholders in this issue are the petroleum industry, subsurface water, air and water pollution authorities and service companies, environmental authorities, and bio-material society. Reliable characterization of porous media and multiphase flow functions is crucial to many simulation applications, including studies of residual water or oil in hydrocarbon reservoirs and long-term storage of supercritical CO2 in geological formations.

We invite investigators to submit original research articles, case studies, as well as review articles, to address the challenges that are related to porous media characterization and multiphase flow, which will stimulate continuous efforts on new and modern methods and techniques for petrophysics.

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Message from the Editor-in-Chief

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