Special Issue

Characterization and Simulation of Carbonate Reservoirs

Message from the Guest Editors

This Special Issue aims to publish innovative studies that include methods for characterizing the three-dimensional depositional, diagenetic, and reservoir architecture of carbonate systems and reservoirs and methods for simulating fluid flows in such heterogeneous media. Special attention will be paid to integrative studies coupling naturalistic (biosedimentology, diagenesis, structural geology) and quantitative (rock physics, quantitative seismics, flow simulation) approaches, based on outcrop and/or subsurface examples. The areas of major interest for this Special Issue include, but are not limited to:

- sedimentological and diagenetic controls on carbonate reservoir architecture,
- carbonate rock physics,
- quantitative seismic characterization of carbonate reservoirs,
- numerical modelling of static and dynamic properties of carbonate reservoirs,
- fluid flow simulation in carbonate reservoirs.

Authors are invited to send to the a title, list of authors and abstract of the manuscript they would like to submit to this Special Issue.

Guest Editors

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Deadline for manuscript submissions

closed (23 August 2019)

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Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherentset of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientificallybased political decisions.
We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

Editor-in-Chief

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