

Special Issue

Recent Advances in Petroleum Drilling Engineering

Message from the Guest Editors

As the oil industry moves into more technically and economically challenging environments, companies have increasingly come under pressure to stretch the technology and to improve drilling performance. The quest for technologies to increase drilling efficiency and reduce the drilling cost has resulted in many new developments and original contributions to the state-of-the-art in drilling engineering over the past decade. This Special Issue aims to collect original research or review articles on recent advances in every aspect of oil and gas well drilling engineering. In particular, papers related to drilling automation, automated real-time drilling modeling and data analysis, new developments in horizontal, extended reach and multilateral drilling, novel drilling fluids, advancement in drilling bit technologies, developments in drilling mechanics and tubular design, digital well planning, well construction and life cycle well integrity, advances in drilling hydraulics, UBD and MPD, and well control technologies will be considered.

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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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