Message from the Guest Editors

This Special Issue on "New Challenges in Advanced Process Control in Petroleum Engineering" seeks high-quality studies focusing on theoretical advancements and field applications of APC in the oil and gas industry. Topics include, but are not limited to:

- Machine learning and artificial intelligence (AI) techniques in reservoir development;
- Studies of mechanisms of fluid flow in reservoirs and their implications for performance optimization;
- Model predictive control (MPC) to optimize production and reduce costs;
- Real-time optimization (RTO) from underground to surface;
- Economic evaluation and optimization based on APC.
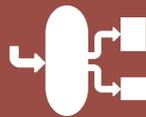
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Deadline for manuscript submissions

closed (30 September 2022)

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You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

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