



Oil and Gas Well Engineering Measurement and Control

Guest Editors:

Dr. Tianshou Ma

State Key Laboratory of Oil & Gas
Reservoir Geology and
Exploitation, Southwest
Petroleum University, Chengdu
610500, China

Dr. Yuqiang Xu

School of Petroleum Engineering,
China University of Petroleum
(East China), Qingdao 266580,
China

Deadline for manuscript
submissions:

closed (30 April 2024)

Message from the Guest Editors

This Special Issue “Oil and Gas Well Measurement and Control” aims to present the recent advances in measurement and control technologies related to oil and gas well drilling, logging, completion and stimulation. Original research, review and overview articles of the abovementioned problems are particularly welcome. Novel and practical case studies that consider extensive field applications are also encouraged. Topics include, but are not limited to:

- Oil and gas well drilling, especially drilling mechanics, wellbore pressure control, drilling complicated prediction and control, drilling monitoring and control, advanced drilling technologies and intelligent closed-loop drilling;
- Oil and gas well completion, especially completion technologies, wellbore integrity and intelligent completion;
- Oil and gas well logging, especially HTHP sensors, measurement while drilling and logging while drilling;
- Oil and gas well fracturing, especially intelligent sliding sleeve and advanced fracturing tools;
- Application of big data, machine learning and artificial intelligence in oil and gas well engineering.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and
Technology, University of Turin,
Via P. Giuria 9, 10125 Turin, Italy

Message from the Editor-in-Chief

Processes (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, AGRIS, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Chemical*) / CiteScore - Q2 (*Chemical Engineering (miscellaneous)*)

Contact Us

Processes Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/processes
processes@mdpi.com
[X@Processes_MDPI](https://twitter.com/Processes_MDPI)