

## Special Issue

# 2nd Edition of Artificial Intelligent Techniques in the Optimal Operation of Oil and Gas Production Systems

### Message from the Guest Editors

In the later stages of gas well production, liquid loading is a crucial problem in terms of reducing gas production. Thus, we focus on methods that can be employed to perform liquid unloading in gas wells and promote the development of liquid unloading technology. Artificial intelligence is also extensively utilized in petroleum engineering, especially in the stages of oil and gas production. We therefore welcome the submission of original research papers whose scope includes, but is not limited to, the following topics:

- Liquid unloading in gas wells;
- Multiphase flow in wellbores;
- New methods or technologies for artificial lifts;
- Artificial intelligence in the oil and gas production stages;
- New methods to enhance oil and gas production.

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### Guest Editors

Prof. Dr. Guoqing Han  
Dr. Xingyuan Liang  
Dr. Xiaojun Wu

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### Deadline for manuscript submissions

closed (10 April 2026)



## Processes

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### Editor-in-Chief

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