



Production Prediction in Onshore and Offshore Tight Reservoirs

Guest Editor:

Prof. Dr. Gang Lei

Faculty of Engineering, China
University of Geosciences,
Wuhan, China

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Message from the Guest Editor

In the last decade, with the rapid development and successful application of theoretical models, experimental techniques, and machine learning (ML) techniques in Petroleum Engineering, incredible progresses have been achieved in the production prediction of producers (fractured wells, multi-branch wells) in onshore and offshore tight reservoirs. This Special Issue intends to publish the latest progresses and achievements in research regarding the production prediction in onshore and offshore tight reservoirs through the use of methods, and their combinations, based on experimental techniques, theoretical models, and ML techniques. We invite papers concerning topics including, but not limited to, the following:

- Reservoir evaluation and characterization of onshore and offshore tight reservoirs
- Production prediction for various enhanced oil recovery (EOR) methods applied in onshore and offshore tight reservoirs
- Experimental and numerical modeling of single and multiphase flows in onshore and offshore tight reservoirs
- Machine learning and data science applied for the production prediction in onshore and offshore tight reservoirs





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Editor-in-Chief

Prof. Dr. Tony Clare

School of Natural and
Environmental Sciences,
Newcastle University, Newcastle
upon Tyne NE1 7RU, UK

Message from the Editor-in-Chief

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*Journal of Marine Science and
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MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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