

Special Issue

Advances and Innovations in Unconventional Enhanced Oil Recovery

Message from the Guest Editor

Focus Areas

- **Innovative EOR Techniques**
 - *Emerging Technologies*: Electromagnetic/plasma heating, nanotechnology-driven solutions, enzyme-based recovery.
 - *Optimized Conventional Methods*: Foam-assisted gas injection, wettability alteration, hybrid thermal-chemical approaches.
- **Structural Geology Applications**
 - Predictive modeling of fracture networks and stress regimes.
 - Impact of tectonic history on reservoir performance.
 - Case studies linking geological diagnostics to EOR outcomes.
- **Sustainability & Efficiency**
 - Reducing carbon footprint of EOR operations.
 - Data-driven reservoir management for long-term viability.

Contribute Your Expertise

We invite researchers and industry professionals to submit original studies, reviews, or technical analyses that advance EOR practices through geological innovation. Submissions addressing Middle Eastern, North African, and South American reservoirs are particularly encouraged, given their evolving roles in global energy dynamics.

Guest Editor

Dr. Pavel Spirov

Department of Geology, Palacký University Olomouc, Olomouc, Czech Republic

Deadline for manuscript submissions

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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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