

## Special Issue

# Flow in Porous Media and CO<sub>2</sub> Storage in Enhanced Oil Recovery

### Message from the Guest Editors

Climate change is a major global challenge critical to the development of the world. Carbon capture, utilization, and storage (CCUS) is considered to be a crucial method to reduce CO<sub>2</sub> emission. As one of the most attractive technologies of CCUS, CO<sub>2</sub>-Enhanced oil recovery (CO<sub>2</sub>-EOR) has been employed to achieve CO<sub>2</sub> geological storage and improve the production of crude oil. This technology brings economic benefits and shows great potential to tackle climate change. This Special Issue on “Flow in Porous Media and CO<sub>2</sub> Storage in Enhanced Oil Recovery” aims to cover recent advances in the theory and application of CO<sub>2</sub> Sequestration, CO<sub>2</sub> flooding, CO<sub>2</sub> huff-puff, CO<sub>2</sub> fracturing, and other related topics. Novel experimental and numerical research, reviews of recent developments, and emerging technologies about the topic are welcome.

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### Guest Editors

Dr. Qichao Lv

Dr. Abdolhossein Hemmati-Sarapardeh

Prof. Dr. Zihao Yang

Dr. Boxin Ding

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### Deadline for manuscript submissions

closed (15 December 2024)



## Processes

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[processes@mdpi.com](mailto:processes@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

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

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