

Special Issue

Organic–Inorganic Interactions and Their Significance for Hydrocarbon Generation in Deep Formations

Message from the Guest Editors

This Special Issue on “Organic–Inorganic Interactions and Their Significance for Hydrocarbon Generation in Deep Formations” aims to cover recent advances in novel discoveries, data, methods and/or applications. Topics include, but are not limited to, the following areas:

- HC generation from OM decomposition at a high temperature and pressure;
- Mechanisms and kinetics of TSR, as well as their effects on HC generation;
- Mechanisms and identification of water/H₂-mineral-OM reactions;
- Catalysis of minerals/metal elements on HC generation from OM;
- Properties, origin and reactivity of H₂ fluids in deep formations;
- Origin/accumulation of oil and gas in reservoirs related to organic–inorganic interactions;
- High-temperature and pressure physical simulation experiments, the novel technology of fluid genesis analysis as well as theoretical calculation methods related to HC generation.

Guest Editors

Prof. Dr. Dongya Zhu

Dr. Kun He

Dr. Jia Wu

Dr. Qingqiang Meng

Deadline for manuscript submissions

closed (26 February 2024)



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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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