



gels



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Advances in Gel Foams

Guest Editors:

Dr. Youjie Sheng

Prof. Dr. Li Ma

Prof. Dr. Shouxiang Lu

Dr. Xiaoyang Yu

Deadline for manuscript
submissions:

closed (31 May 2023)

Message from the Guest Editors

Dear Colleagues,

This special issue focuses on the advances in research and application of gel foam stabilized by surfactants, polymers, particles, and so forth. We are pleased to invite articles that present the formation, stabilization, properties, and application of gel foams in any fields, including but not limited to:

- Method to generate gel foams
- Stabilization mechanism
- Key components
- Rheological property
- Thermal stability
- Oil resistivity
- Spreading properties
- Profile control and displacement
- Fire prevention and control
- Enhanced oil recovery
- Medicine
- Food

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Special Issue



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Message from the Editor-in-Chief

Gels (ISSN 2310-2861) is recently established international, open access journal on physical and chemical gel-based materials. The journal aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. General topics include but not limited to synthesis, characterization and applications of new organogels, hydrogels and ionic gels made either from low molecular weight compounds or polymers, composite and hybrid materials where a metal is by some means incorporated into the gel network, and computational studies of these materials in order to provide a better understanding of gelation mechanism. We cordially invite you to consider publishing with us and contribute with your own grain of sand to the advance in this fascinating field.

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