



Polymer Foam and Its Engineering Application

Guest Editors:

Dr. Qingguo Wang

College of Safety Science and Engineering, Nanjing Tech University, Nanjing 211816, China

Dr. Yan Tang

College of Safety Engineering, Changzhou University, Changzhou 213164, China

Dr. Xin Zhang

College of Safety Science and Engineering, Nanjing Tech University, Nanjing 211816, China

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Message from the Guest Editors

Water-based foam adopts water as the dispersion medium and has high fluidity and specific surface area. It has been widely applied in the fields of dust suppression, fire extinguishing, ore flotation, multiple oil recovery, wastewater treatment, enzyme protein purification and separation, etc. Its high utility with regard to energy, environment and nano-material synthesis has attracted global attention. To satisfy the increasing demand for technological innovations in environmentally friendly foam, the intelligence of foam systems and the theoretical understanding of multiphase dispersion systems, this Special Issue of Polymers invites contributions addressing aspects of the formation and stability mechanism of foam, the research and development of environmental protection foam, and the new application of foam in disaster prevention and control. The above list is only indicative and by no means exhaustive; any original work or review article on water-based foams is welcome.





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Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien
und Polymertechnologie,
University of Potsdam, 14476
Potsdam-Golm, Germany

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Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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