

Special Issue

Design and Applications of Polymeric Flocculants

Message from the Guest Editors

Water pollution of water is one of the current global crises. Polymeric flocculants have been used for water treatment for several decades. This Special Issue on “Design and Applications of Polymeric Flocculants” seeks high-quality original contributions (experiments, theory, and modeling) and review articles. The scope of the Issue covers the synthesis of novel polymers and their demonstration as flocculants for contaminant removal. The manuscripts can have aspects of new synthesis technique, novel flocculation mechanism, and improved fundamental understanding backed by comprehensive data. The polymers may include but are not limited to polyelectrolytes, responsive polymers, natural polymers, nanocomposites, and degradable polymers. This Special Issue wants to draw the attention of the industrial and academic community to the latest developments in the field of polymeric flocculants, and connect them to the possibility of creating more sustainable solutions for water treatment.

Guest Editors

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Editor-in-Chief

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