



Sustainable and Affordable Clean Water from Emerging Nanotechnology

Guest Editor:

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Message from the Guest Editor

Toxic heavy metals and microbial contaminants are the most concerning pollutants in water. In urban areas, the increasing and serious pollution caused by toxic metals and dye pollutants in water has increased the risk to ecosystem and human health. Various methods such as adsorption, chemical precipitation, osmosis membrane filtration and photo-catalysis are considered previously to remove these pollutants from water. Magnetic nanocomposite materials functionalized with graphene or polymeric materials have shown significant interest in next generation clean water systems. The special issue will address the design, develop and fabricate of these 'smart' nanocomposites for the treatment of water. This issue will relate with many of existing literature. To decrease the pollutants in water system and promote environmental sustainability, there is a pressing need to encourage more research and innovations, especially in new materials and new technologies. Based on your great contribution in this field, I would like to invite cordially to submit your articles to this special issue.





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Message from the Editor-in-Chief

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