Joint Special Issue

Low-Cost Water Treatment - New Materials and New Approaches

Message from the Guest Editors

Water is one of the most valuable resources, and in (pre)historic times, wars began over access to reliable water sources. Chemistry, materials science, engineering, and education can significantly contribute to the technical aspects of securing water availability and water quality. The current Special Issue concentrates on material-based approaches for water treatment such as adsorbents, (photo)catalysts, engineered materials with special properties useful for the degradation of hazardous substances, and related topics. A special focus is on low-cost, high-performance materials because the single major reason for many of the severe health issues in the developing countries is not a lack of technologies for water purification but cost. As long-term collaborators on the subject and as the guest editors of this Special Issue, we invite you to show us your newest research and developments in the field of low-cost materials for water treatment. We encourage everyone to discuss what can be done to alleviate some of the problems we are currently facing and are looking forward to many interesting and exciting contributions.

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