Materials Design for Pollutant Sensing and Environmental Remediation

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Deadline for manuscript submissions:
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Message from the Guest Editors

Dear Colleagues,

Many countries around the globe do not have proper drinking water provision and lack proper sanitation. Environmental sustainability, water purification, and water management must be linked together, and for this reason, urgent innovative technologies that use clean energy and deal with pollutants efficiently are necessary.

For these reasons, the scientific community is always in search of new and more efficient materials applied for environmental remediation through photocatalysis and adsorption processes.

In addition, high industrialization with large pollutant discharge makes the improvement of fast and sensible detection methods for pollutant compounds in water solutions necessary, and thus, the development of materials for sensory applications represents an emerging sector.

In this context, you are invited to submit a manuscript to this Special Issue that aims to collect contributions on innovative functional materials obtained with simple, green, and new synthetic or biosynthetic routes for environmental remediation and sensory applications.

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Special Issue

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Message from the Editor-in-Chief

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