## **Special Issue**

# Development of Advanced Materials and Technology for Green and Sustainable Environmental Remediation

## Message from the Guest Editors

This Special Issue aims to compile recent research studies on the application of advanced materials and technologies to remediate or restore soil, water, and air environments contaminated with heavy metals, persistent organic pollutants, as well as other emerging pollutants. The articles presented in this Special Issue may also cover topics such as the optimization of sustainable and green remediation tools; key factors (e.g., environmental matrix, global climate change) affecting the effect of remediation; risk assessment; etc. Authors are invited to submit original research papers and reviews that address the following topics:

- The development of advanced, green, and ecofriendly materials for the decontamination of pollutants;
- Application of chemical, biological, and physical technologies to reduce the bioavailability and toxicity of contaminants;
- The potential synergistic effects of combining functional materials (e.g., carbon-, phosphorus-, and iron-based materials) with other remediation methods for ecosystem restoration;

## **Guest Editors**

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## Deadline for manuscript submissions

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## About the Journal

## Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. Materials provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

#### Editor-in-Chief

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