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Nanomaterials for the Environmental Remediation of Water and Soil

Guest Editors:

Dr. Roberta G. Toro

Institute for the Study of Nanostructured Materials, National Research Council, Rome, Italy

Dr. Daniela Caschera

Istituto per lo Studio dei Materiali Nanostrutturati, ISMN-CNR, via Salaria km 29,300,00015 Monterotondo Scalo, Rome, Italy

Dr. Abeer M. Adel

National Research Center, 33 El-Bohouth St. (Former El-Tahrir St.), P.O. 12622, Dokki, Giza, Egypt

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Message from the Guest Editors

Dear Colleagues

Nanomaterials in the form of catalysts, chemical oxidants, and adsorbents guarantee the rapid detection and consequent detoxification of various contaminants such as pharmaceuticals, pesticides, drugs, aromatic heterocycles, volatile organic compounds, heavy metals, and inorganic ions from water, air, and contaminated land sites. This proposed Special Issue will focus on prospects and challenges in nanoremediation and environmental cleanups. This Special Issue welcomes contributions from all researchers working on the possibility to use waste-derived precursors for preparing nanomaterials for environmental remediation of water and soil.

Some topics of interest covered by this Special Issue include but are not limited to:

Sustainability in agro-based bioeconomy;

Green technology and natural resources;

Fabrication of nanoparticles and nanobiocomposites;

Carbon nanoparticles;

Industrial, electric/electronic, and plastic waste for environmental clean-ups;

Groundwater remediation and desalination for drinking and reuse;

Decontamination of mining or wastes sites.



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Dr. Roberta G. Toro Dr. Daniela Caschera

Dr. Abeer M. Adel

Guest Editors











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Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

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