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Nanomaterials and Nanocomposites for Environmental Applications

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Message from the Guest Editors

Nanotechnology is a key word for this century to enhance different functions of current technology. Many nanostructured materials have been widely used to develop innovative nanotechnology for different applications. Currently, nanomaterials and nanocomposites have been attracting much attention in the field of environmental monitoring and remediation. Many studies reported that the use of nanomaterials and nanocomposites improved both the efficiency of treatment processes to decompose contaminants and the sensitivity of monitoring tools to detect contaminants. The aim of this issue is to highlight, and bring to the attention of researchers, the ongoing development in innovative nanomaterials and nanocomposites for different environmental applications along with their implications. It is not limited to water and air purification, soil and groundwater remediation, toxicity of nanomaterials, and the fate and transport of nanomaterials in the environment.

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