Special Issue

Nanomaterials and Nanocomposites for Environmental Applications

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.

Guest Editors

Dr. Mallikarjuna N. Nadagouda

Center for Environmental Solutions and Emergency Response, United States Environmental Protection Agency, Cincinnati, OH 45268, USA

Dr. Hyuksang Chang

Yeungnam University, Gyeongsan-si, Gyeongsangbuk-do, Korea

Dr. Changseok Han

Department of Environmental Engineering College of Engineering INHA University, 100 Inharo (2E447), Nam-gu, Incheon 22212, Korea

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
inventions@mdpi.com

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Editors-in-Chief

Prof. Dr. Chien-Hung Liu
Department of Mechanical Engineering, National Chung Hsing University, 250 Kuo Kuang Rd., Taichung 402, Taiwan

Prof. Dr. Shoou-Jinn Chang
Department of Electrical Engineering, National Cheng Kung University, Tainan 701, Taiwan

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