# **Special Issue**

# Advances in Functional Nanocomposites for Environmental Applications

# Message from the Guest Editors

Environment protection for current and future generations is a pivotal task that requires enormous scientific effort. Impressive progress in the development of functional nanocomposites enables their utilization as selective and sensitive sensors for the detection of toxic ions and dangerous pollutants. Moreover, porous and/or functionalized nanocomposites can be used to resolve some water, air, and soil contamination issues. For example, these nanocomposites can act as effective absorbents, adsorbents, nanosensors, catalysts, and antimicrobial agents depending on their structure and physicochemical properties. This Special Issue is focused on recent advances in the preparation of functional nanocomposites (organic, inorganic, or hybrid) suitable for environmental applications. We are warmly inviting you to submit your recent research findings focused on, but not limited to, the detection, removal, conversion and/or degradation of toxic ions and dangerous pollutants...

### **Guest Editors**

Dr. Timur Sh. Atabaev

Dr. Anara Molkenova

Dr. Kuanysh Zhussupbekov

Dr. Ainur Zhussupbekova

# Deadline for manuscript submissions

closed (25 February 2022)



# Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/93039

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

mdpi.com/journal/ sustainability





# Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



# **About the Journal**

# Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

## Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

### **Author Benefits**

# Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

# **High Visibility:**

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

### Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

