# **Special Issue**

# Radioactivity: Sustainable Materials and Innovative Techniques

### Message from the Guest Editors

Radioactive contaminants are among the most dangerous types of pollutants due to their sustained and destructive impact. However, the wide range of peaceful applications of nuclear technology in various fields, such as industrial, medicinal, agricultural, research, and others are growing, leading to more challenges associated with the sustainability of radioactive waste management to attain environmental and economic benefits. In this Special Issue, we would like to get different perspectives from diverse researchers with different scientific backgrounds in chemistry, physics, medicine, agriculture, engineering, and economics to understand the mechanism of interaction of these materials with the surrounding environment and how to treat, stabilize and dispose of radioactive waste in ecofriendly and innovative ways that meet the requirements of sustainability. All backgrounds and references are welcome as long as they contribute to inventing methods that can develop this sector. The topics include, but are not limited to, the handling, treatment, stabilization, and disposal of radioactive waste, whether that waste is liquid, solid, or gaseous.

### **Guest Editors**

Prof. Dr. Hosam Saleh

Radioisotope Department, Egyptian Atomic Energy Authority, Cairo 13759, Egypt

Dr. Mohammad Mahmoud Dawoud

Radioisotope Department, Nuclear Research Center, Egyptian Atomic Energy Authority, Cairo 11787, Egypt

### Deadline for manuscript submissions

closed (31 January 2023)



# Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/100961

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)

