# **Special Issue**

# Research and Application of Recycling Asphalt Materials

### Message from the Guest Editor

Recycling asphalt materials creates a sustainable cycle of reusing non-renewable materials, which lowers the demand for natural resources, providing economical savings and environmental advantages. Sustainability in asphalt materials might be divided into two groups. The first group comprises recycled asphalt materials. The second group includes all types of recycled materials, added to asphalt mixtures to replace asphalt binder, or aggregate partially. Researchers and practitioners must face certain challenges such as quality and performance of recycled asphalt binders and asphalt materials with recycled products. This Special Issue examines the advances, properties, performance. characterization, design, testing, and practical application of recycled materials in asphalt pavements. Topics for contributions including: Reclaimed asphalt and shingles: Performance of asphalt binders modified with recycled materials; Performance of asphalt mixtures with the addition of recycled materials; Compatibility between the asphalt binders and recycled materials; Combination of sustainable materials for asphalt pavement; Asphalt mixtures with high recycled material content.

### **Guest Editor**

Dr. Pawel Polaczyk

Department of Civil and Environmental Engineering, The University of Tennessee, Knoxville, TN 37996, USA

#### 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/73424

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)

