



## Research and Application of Recycling Asphalt Materials

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)**

### Message from the Guest Editor

Dear Colleagues,

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.





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Steve W. Lyon**

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

## 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.

## 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)

## Contact Us

---

*Sustainability* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[X@Sus\\_MDPI](#)