



Sustainable Infrastructure Materials and Systems

Guest Editors:

Prof. Dr. William G. Buttlar

Department of Civil and
Environmental Engineering,
University of Missouri, Columbia,
MO, USA

Prof. Jo E. Sias

Professor and Director of UNH
Center for Infrastructure
Resilience to Climate, University
of New Hampshire Durham,
Department of Civil and
Environmental Engineering,
Durham, NH 03824, USA

Deadline for manuscript
submissions:

closed (31 July 2019)

Message from the Guest Editors

Dear Colleagues,

There is an increasing societal demand and need for sustainability. Pavements provide a substantial opportunity to achieve higher levels of infrastructure sustainability due to their significant footprint within the built environment and because of the enormous volume of materials required. There have been considerable recent advances in technology related to the design and construction of pavements and towards more sustainable materials for pavements. The incorporation of recycled materials has become increasingly common as has the use of technologies such as warm-mix asphalt. Approaches to evaluate the impact of pavement materials and construction activities on the environment, e.g., life cycle assessment methods, and the impact of climate change on pavements have been developed and refined in recent years as well. This special issue will include cutting-edge work that is being conducted by leading researchers on sustainability issues related to pavements, including asphalt, concrete, and unbound layers.

Keywords: sustainable ; pavement ; life cycle assessment ; LCA ; recycling ; RAP ; RAS ; WMA ; asphalt ; concrete ; climate change ; resilient ; LCCA





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Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

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Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

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Sustainability Editorial Office
MDPI, Grosspeteranlage 5
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