

Special Issue

Crack Prediction and Preventive Repair Methods for the Increasing Sustainability and Safety Requirements of Structures

Message from the Guest Editor

The focus of this Special Issue is to showcase novel methods, methodologies, and models for the prediction of crack development in structures and appropriate preventive repair methods such as self-healing. The innovative and comparative characterization techniques for self-healing performance verification and modeling of the healing mechanisms is important for the use of self-healing capabilities of concrete by external healing methods as well as for predicting the increase in service life achieved by preventive repair methods. Research papers investigating damage prediction and preventive repair of structures in real conditions are welcome.

Guest Editor

Prof. Dr. Diana Bajare

Institute of Materials and Structures, Riga Technical University, Riga, Latvia

Deadline for manuscript submissions

closed (31 May 2021)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/39428

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

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)



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. *Sustainability* publishes original research articles, review 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. Marc A. Rosen

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

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, CAPIus / SciFinder, and other databases.

Journal Rank:

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