



Improving Sustainability through Corrosion Resistance of Reinforced Concrete

Guest Editors:

Dr. Pedro Castro Borges

Applied Physics Department,
Cinvestav de IPN, Unit Mérida,
Mérida, Yucatán 97310, Mexico

Prof. Dr. Carmen Andrade

The International Centre for
Numerical Methods in
Engineering (CIMNE), S/N 08034
Barcelona, Spain

Deadline for manuscript
submissions:

closed (30 April 2022)

Message from the Guest Editors

The purpose of this Special Issue is to report research works that combine the use of materials, techniques, and technologies from the construction industry that contribute to improving the sustainability of infrastructure through the control of corrosion of reinforced concrete. The works to be published can focus on, but will not be limited to, the dissemination of data related to the corrosion of elements and infrastructure when using new cements (Portland and non-Portland) and concretes (eco-concrete, recycled concrete and others), supplementary cementitious materials, carbon dioxide capture, service restrictions due to structural behavior because of standard or accidental loads (earthquake, hurricane, tsunami, flood), additive manufacturing, or others. Papers written for this Special Issue will complement the existing literature regarding the approach to sustainability that recent materials, techniques and technologies contribute in terms of corrosion control.





an Open Access Journal by MDPI

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

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.

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](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

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

Contact Us

Sustainability Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](#)