

## Special Issue

# Sustainable Approaches to Corrosion Protection in Concrete Structures

### Message from the Guest Editors

Corrosion remains a major challenge affecting the durability and sustainability of concrete structures worldwide. This Special Issue highlights innovative and eco-friendly approaches to corrosion protection, with a focus on extending service life and reducing environmental impact. Topics of interest include corrosion inhibitors, surface treatments, self-healing systems, nanomaterials, and smart coatings. The use of supplementary cementitious materials, durability-based design, and life cycle assessment frameworks are also encouraged, alongside predictive modeling and multi-scale evaluation of corrosion mechanisms. By fostering interdisciplinary research, this Special Issue aims to advance sustainable strategies that ensure resilient and long-lasting concrete infrastructure.

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### Guest Editors

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## Materials

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### Message from the Editorial Board

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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