

## Special Issue

# Durability of Reinforced Concrete Structures under Environmental Actions and Mechanical Loads

### Message from the Guest Editors

The Special Issue aims to provide recent innovations in the performance evolution of concrete structures subjected to various aggressive environmental and mechanical loads. The scope of this Special Issue includes (but is not limited to) experimental study and numerical simulation of the durability-related issues of material deterioration and structural responses. Potential topics include (but are not limited to) the following:

- Deterioration of concrete structures under environmental actions and mechanical loads;
- Transport process;
- Corrosion;
- Numerical modeling and investigation;
- Mechanical performance of concrete structures;
- Diagnosis of structural deterioration;
- Prevention, protection, and rehabilitation.

*Assistants*

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### Guest Editors

Prof. Dr. Chuanqing Fu

Dr. Amir Poursaee

Dr. Zheng Dong

Dr. Zhilu Jiang

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### Deadline for manuscript submissions

closed (31 October 2023)



## Materials

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## About the Journal

### Message from the Editor-in-Chief

*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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### Editor-in-Chief

Prof. Dr. Maryam Tabrizian

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