

## Special Issue

# Advances of FRP Reinforced Concrete Composites

### Message from the Guest Editor

Recently, fiber-reinforced polymer (FRP) materials have been widely applied to concrete structures due to their high strength, light weight, and corrosion resistance. In addition to aforementioned advantages, FRP materials have been applied to reinforcement for concrete structures in various formats, such as sheet, plate, bar, and prestressed bar. FRP reinforcement is used to strengthen reinforced concrete and prestressed concrete structures. In this regard, this Special Issue invites original experimental and theoretical research articles on FRP reinforced concrete to contribute to our understanding of their performance in more detail. The goal of this Special Issue is to disseminate original research and review studies that address (experimental or theoretical) advances, trends, challenges, and future perspectives regarding the development, characterization, and application of FRP to concrete structures.

### Guest Editor

Dr. Wonseok Chung

Department of Civil Engineering, Kyung Hee University, 1732  
Deokyoung-Daero, Giheung-gu, Yongin-si 17104, Republic of Korea

### Deadline for manuscript submissions

closed (30 January 2022)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/75928](https://mdpi.com/si/75928)

*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto:appls@mdpi.com)

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





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



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



## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

---

### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )