

## Special Issue

# Strengthening, Repair, and Retrofit of Reinforced Concrete

### Message from the Guest Editors

Structures made of reinforced concrete (RC) are examples of human progress in the modern era, and also the most prevalent representation of modern cities. As more and more RC structures reach the end of their service lives, it is not always possible or desirable to replace them with new ones. In addition, even when structures are not nearing the end of their service life, there is often a need to reinforce them to meet new building codes or seismic performance standards. Therefore, the only viable alternative left is strengthening, repairing, or retrofitting RC structures. Due to the critical importance of reinforcing existing RC structures, we dedicate this Special Issue to this topic and invite you to submit your most recent research and findings. Our intention for this Special Issue is to tackle three distinct but interrelated areas of research activities. These include the mechanical aspect, the material aspect and the application aspect. We believe that the issue will serve as a platform for innovative ideas and solutions to reinvigorate our aging infrastructure.

### Guest Editors

Prof. Yeou-Fong Li

Prof. Dr. Bing-Jean Lee

Prof. Chih-Hong Huang

Prof. Dr. Walter Chen

### Deadline for manuscript submissions

closed (20 May 2025)



## Materials

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### Message from the Editor-in-Chief

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