

## Special Issue

# Innovative and Sustainable Infrastructure Materials for Construction Resilience and Improved Productivity

### Message from the Guest Editors

The Fourth Industrial Revolution is deeply soaked not only in the industrial fields but also in the construction fields for improving construction productivity. Newly developed technologies that can achieve the purposes of construction projects without being labor-intensive and wasting construction materials are being actively introduced. In particular, sustainable construction materials are innovatively being developed to shift the existing paradigm of construction materials via, for example, self-healing cementitious composites, smart asphalt mix designs, the optimization of asphalt pavement selection, metals and alloys in extreme environments, data-driven construction materials design, machine-learning-based material assessment, and advanced construction materials characterization. This SI welcomes your contributions to make these fields more elaborate. The topics associated with this Special Issue range from cementitious composites, asphalt, and alloys for infrastructure to data-driven infrastructure management. However, this Special Issue is not limited to this scope. Therefore, please feel free to submit your manuscripts to this Special Issue.

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### Guest Editors

Dr. Jaeheum Yeon

Dr. Yooseob Song

Dr. Hyunhwan Kim

Dr. Bongjun Ji

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### Deadline for manuscript submissions

closed (20 February 2024)



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## Editor-in-Chief

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