

## Special Issue

# Application of Emerging Technologies toward Eco-Efficient and Sustainable Construction Practices

### Message from the Guest Editors

The construction industry has a significant impact on the environment, with high energy consumption, material waste, and greenhouse gas emissions. Emerging technologies offer promising solutions to address the current environmental challenges and improve the sustainability of construction. This Special Issue focuses on the application of emerging technologies in eco-efficient and sustainable construction practices that includes, but is not limited to, AI-based technologies and techniques, construction technology such as 3D printing and innovative construction materials that reduce waste and make construction projects potentially more efficient and sustainable. Considering this, this Special Issue opens avenues for scholars undertaking research on any aspect of construction projects during their lifecycle that result in more sustainable construction projects—including the use of AI in project scheduling, using emerging technology to mitigate transportation and material waste, using virtual/augmented/mixed reality towards a safer environment to name a few, to prudently disseminate their findings.

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### Guest Editors

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### Deadline for manuscript submissions

closed (7 October 2023)



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## Editor-in-Chief

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