



Lower Carbon Construction for Sustainable Construction and Environment

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Message from the Guest Editors

Construction industry is one of the foremost contributors towards carbon emissions due to its excessive material usage, complicated construction processes and dynamic nature of the work. Decisions made on material selection and construction processes could influence the overall sustainability of the project and therefore there is a contemporary requirement to explore sustainable construction techniques. Often the short-term carbon emissions emitted during the construction stage can lead towards adverse environmental impacts towards human health and environment. With the upsurge of green and sustainable concepts, the construction industry is continuously hunting for even smaller process improvements to achieve lower carbon emission construction techniques. These techniques cover from material selection, waste reduction, reuse and recycle, efficient site operation to new materials, off-site construction, renewable energy, and digital technologies.

This special issue aims to capture outstanding research studies, reviews and design papers on low carbon construction practices that lead to sustainable construction and environment.





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Message from the Editor-in-Chief

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