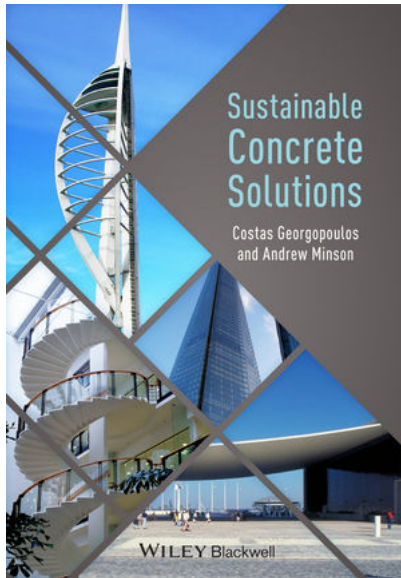




The challenges facing humanity in the 21st century include climate change, population growth, overconsumption of resources, overproduction of waste and increasing energy demands. For construction practitioners, responding to these challenges means creating a built environment that provides accommodation and infrastructure with better whole-life performance using lower volumes of primary materials, less non-renewable energy, wasting less and causing fewer disturbances to the natural environment. Concrete is ubiquitous in the built environment. It is therefore essential that it is used in the most sustainable way so practitioners must become aware of the range of sustainable concrete solutions available for construction. While sustainable development has been embedded into engineering curricula, it can be difficult for students and academics to be fully aware of the innovations in sustainable construction that are developed by the industry.

Sustainable Concrete Solutions serves as an introduction to and an overview of the latest developments in sustainable concrete construction. It provides useful guidance, with further references, to students, researchers, academics and practitioners of all construction disciplines who are faced with the challenge of designing, specifying and constructing with concrete.

Author Information

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