



## Sustainable Concrete Solutions, 1/e

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### About the Book

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.

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### About the Author

**Costas Georgopoulos** :- Professor Costas Georgopoulos is a Chartered Engineer, Fellow and elected member of the Council of the Institution of Structural Engineers, Fellow of the Institution of Civil Engineers, Fellow of the Higher Academy of Education and Fellow of the Concrete Society, with over 30 years of experience in consulting engineering, academia and professional bodies in the UK and overseas. His expertise on sustainable design and construction using concrete has been developed in posts such as Manager of Education & Training for The Concrete Centre and Chair in Structural Engineering Practice at Kingston University London.

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