

Preface

The *Structural Design of Buildings* series provides an authoritative introduction to the core knowledge for structural engineers to design a building. This series provides a comprehensive reference on structural design for practising engineers, university students of civil and structural engineering, and stakeholders such as developers, architects, surveyors and other non-experts in structural design who require reference information for designing a building.

The *Structural Design of Buildings* series provides timely updates of the advances in structural design principles for modern buildings. The series takes a project-oriented approach, covering the necessary topics that design professionals face at the outset, and throughout the duration, of a project. It presents the key issues needed to grasp a subject quickly and effectively, as well as providing the necessary tools for building design practice. The contributors of each chapter are proven experts from different countries across the world and are leading figures in their subject area, reflecting the best of current practice globally.

The series stems from the *ICE Manual of Structural Design of Buildings*. Rather than update the manual as a whole, it has been split into a series to provide an opportunity for those interested in part of the content to purchase the sections that are relevant for their purposes. The series is comprised of three books

- *Structural Design of Buildings: Fundamentals in Design, Management and Sustainability*
- *Structural Design of Buildings: Elemental Design*
- *Structural Design of Buildings: Holistic Design.*

The range of topics in the series provides comprehensive key knowledge required in structural design, technological advances and best practice for readers.