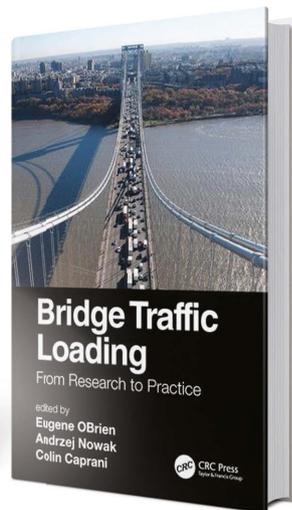
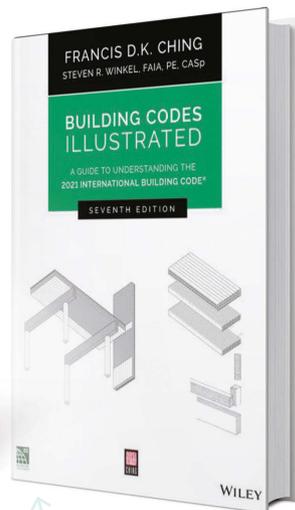
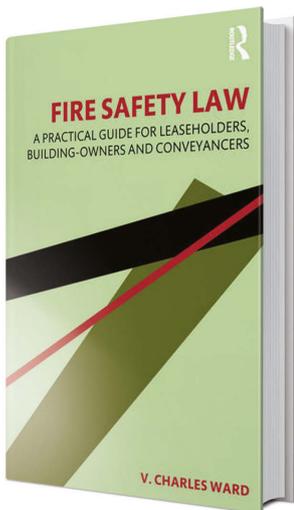


Curated by qualified librarians, the IStructE collection of structural engineering literature spans more than 250 years, making it one of the UK's most comprehensive specialist engineering resources. Both print and electronic titles are available (print titles can be requested via postal loan). www.istructe.org/library

Library update: Recent additions

Members are reminded that the Library service is available to them – our experienced librarians can assist with literature-based enquiries and items can be borrowed either in person or by post.



The Library endeavours to cover all aspects of structural engineering from design and construction to maintenance, conservation and sustainability aspects – here is a flavour of the most recent additions.

Under general design, there is:

- Moller's *Manual of structural design: structural principles – suitable spans – inspiring works** (Detail, 2022)
- Watts' *Modern structural design: a project primer for complex forms** (Birkhauser, 2022)
- Ching and Winkel's *Building codes illustrated: a guide to understanding the 2021 International Building Code* (7th ed.)* (Wiley, 2022)
- ASCE/SEI7-22: *Minimum design loads and associated criteria for buildings and other structures** (ASCE, 2022)
- Yang's *Behaviour of building structures subjected to progressive collapse** (Woodhead, 2002).

On specific materials, there is:

- Purcell's *Concise guide to reinforced concrete design to Eurocode 2* (ICE Publishing, 2022)
- Reddy's *Compressed earth block and rammed earth structures** (Springer, 2022)
- Xiao's *Engineered bamboo structures**

(CRC Press, 2022)

- Woolley's *Natural building techniques: a guide to ecological methods and materials* (The Crowood Press, 2022)
- GangaRao and Prachasaree's *FRP composite structures: theory, fundamentals, and design** (CRC Press, 2022).

Titles on topics as varied as ground investigation, management, ethics, safety, fire, bridges, non-destructive testing and the climate emergency show the breadth of coverage – these include:

- the AGGS' *UK specification for ground investigation* (3rd ed.) (ICE Publishing, 2022)
- the CIOB's *Code of practice for project management for the built environment* (6th ed.)* (Wiley, 2022)
- Bainbridge's *Ethics for engineers: a brief introduction** (CRC Press, 2022)
- Ward's *Fire safety law: a practical guide for leaseholders, building-owners and conveyancers** (Routledge, 2023)
- England and Painting's *An effective strategy for safe design in engineering and construction** (Wiley Blackwell, 2022)
- the Society of Fire Protection Engineers' *Fire safety for very tall buildings: engineering guide* (2nd ed.)*

(Springer, 2022)

- Parke and Hewson's *ICE manual of bridge engineering* (3rd ed.) (ICE Publishing, 2022)
- Frangopol and Kim's *Bridge safety, maintenance and management in a life-cycle context** (CRC Press, 2022)
- O'Brien et al.'s *Bridge traffic loading: from research to practice** (CRC Press, 2022)
- Sadowski and Hola's *Non-destructive diagnostics of concrete floors: methods and case studies** (CRC Press, 2023)
- CIRIA C798: *Non-destructive testing of civil structures* (CIRIA, 2022)
- Sayce et al.'s *Resilient building retrofits: combating the climate crisis** (Routledge, 2023)
- Graham's *The Environment Act 2021: a guide for planners and developers* (Bath Publishing Ltd, 2022).

Titles marked with an asterisk (*) are available in the E-library.

The Library continues to add material and welcomes suggestions from members, with the entire collection searchable via the Library catalogue at www.istructe.org/resources/library-services, from where members can also access the E-library or send a question to the librarians.

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Email: library@istructe.org

Web: www.istructe.org/resources/library-services

IStructE bookshop

While visiting the Library, why not update yourself on the latest Institution publications? These include *Conceptual design of buildings*, *Computational engineering*, *Standard method of detailing structural concrete* and *Design for zero*.