Sustainable Building Design: Principles and Practice
Miles Keeping (Editor), David Shiers (Editor)

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DESCRIPTION

An inside view of how one of the world's leading architecture and engineering practice does business

Sustainable Built Environments: Principles and Practice offers detailed, environmentally sound design solutions to a wide range of building engineering challenges. The text uses case examples and project data provided by engineers and designers at Arup Associates. It covers a broad range of relevant issues, with focused commentaries and explanations presented in an accessible format for use by students, busy practitioners and informed clients.

Whilst this book stresses the importance of a unified approach to design, the text is divided into six principal chapters, each addressing an important aspect of sustainable architecture and engineering. These chapters (Master Planning, Transport, Energy, The Building Envelope, Environmental Services, and Materials) may be read on their own or in sequence as part of a narrative. Throughout the book, photographs, architectural and engineering drawings and diagrams, examples, and other data illustrate the case studies.

Numerous web links are provided to additional information. This inspirational book:

• Focuses on the work of Arup Associates, the award winning architectural and engineering practice

• Uses real-life examples of functioning buildings and structures to provide information and guidance on the development of sustainable solutions

• Is packed with informative illustrations
Sustainable Built Environments: Principles and Practice is a unique text that will inform and inspire architects and engineers, as well as students of those disciplines, around the globe.

ABOUT THE AUTHOR

Miles Keeping is a Chartered Surveyor and Chartered Environmentalist working in professional practice. He co-founded the Hillbreak consultancy in 2015 and is Visiting Professor in Sustainable Real Estate at Oxford Brookes University.

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