DESCRIPTION

The Fully Updated, Indispensable Study of Sustainable Design Principles

Fundamentals of Integrated Design for Sustainable Building is the first textbook to merge principles, theory, and practice into an integrated workflow. This book introduces the technologies and processes of sustainable design and shows how to incorporate sustainable concepts at every design stage. This comprehensive primer takes an active learning approach that keeps students engaged.

This book dispenses essential information from practicing industry specialists to provide a comprehensive introduction to the future of design. This new second edition includes:

- Expansive knowledge—from history and philosophy to technology and practice
- Fully updated international codes, like the CAL code, and current legislations
- Up-to-date global practices, such as the tools used for Life-Cycle Assessment
- Thorough coverage of critical issues such as climate change, resiliency, health, and net zero energy building
- Extensive design problems, research exercise, study questions, team projects, and discussion questions that get students truly involved with the material

Sustainable design is a responsible, forward-thinking method for building the best structure possible in the most efficient way. Conventional resources are depleting and building professionals are thinking farther ahead. This means that sustainable design
will eventually be the new standard and everyone in the field must be familiar with the concepts to stay relevant. *Fundamentals of Integrated Design for Sustainable Building* is the ideal primer, with complete coverage of the most up to date information.

### ABOUT THE AUTHOR

**MARIAN KEELER, ASSOCIATE AIA, LEED AP,** is a San Francisco-based green building consultant, formerly with Simon & Associates, and a specialist on healthful building materials.

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