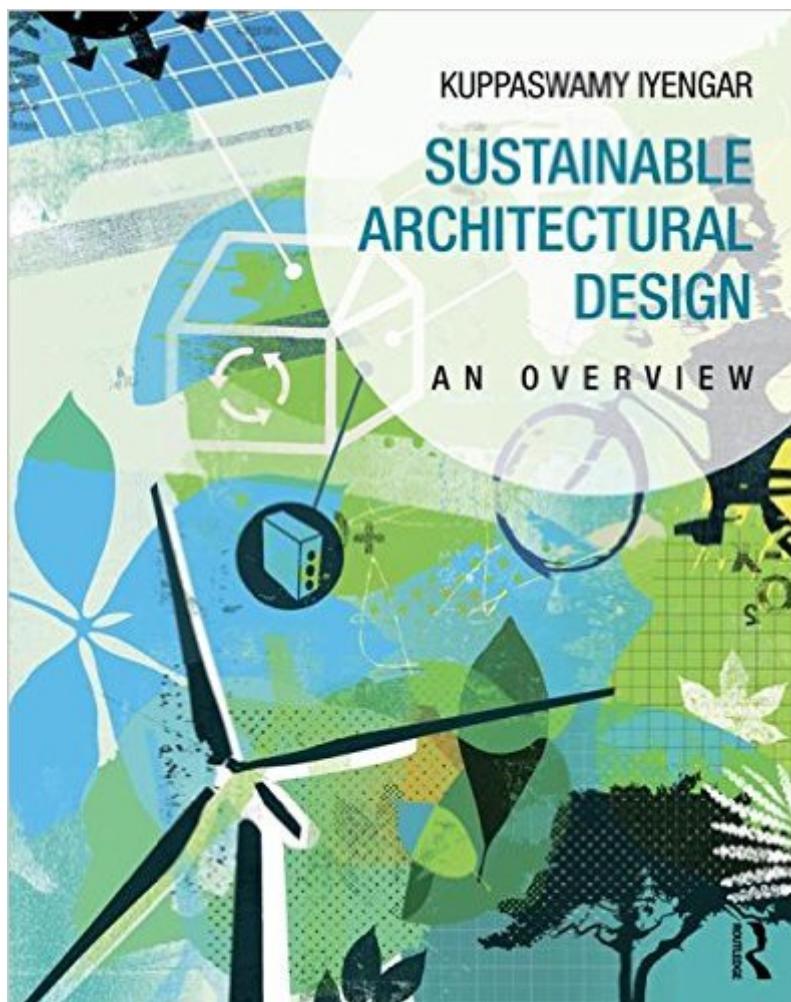


The book was found

Sustainable Architectural Design: An Overview



Synopsis

This book is a guide to a sustainable design process that moves from theory, to site and energy use, to building systems, and finally to evaluation and case studies, so you can integrate design and technology for effective sustainable building. Kuppaswamy Iyengar shows you how to get it right the first time, use free energy systems, and utilise technologies that minimize fossil fuel use. Each chapter has a sustainable design overview, technical details and strategies marked by clear sections, a summary, and further resources. Heavily illustrated with charts, tables, drawings, photographs, and case studies, the book shows technologies and concepts integrated into cohesive project types, from small and large office spaces to single and multiuse residences, hospitals, schools, restaurants, and warehouses to demonstrate implementing your designs to meet clients' needs now and for the future. Includes an overview of alternate assessment and evaluation systems such as BREEAM, CASBEE, GBTool, Green Globes alongside LEED, ECOTECT, energy 10, HEED and eQuest simulation programs. The guide reveals the importance of the building envelope—walls, superstructure, insulation, windows, floors, roofs, and building materials—in the environmental impact of a building, and has a section on site systems examining site selection, landscape design, thermal impact, and building placement.

Book Information

Paperback: 294 pages

Publisher: Routledge (July 9, 2015)

Language: English

ISBN-10: 0415702356

ISBN-13: 978-0415702355

Product Dimensions: 0.8 x 8.5 x 10.5 inches

Shipping Weight: 2.3 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #769,705 in Books (See Top 100 in Books) #72 in Books > Crafts, Hobbies & Home > Home Improvement & Design > Energy Efficiency #339 in Books > Arts & Photography > Architecture > Sustainability & Green Design #1215 in Books > Arts & Photography > Architecture > Drafting & Presentation

[Download to continue reading...](#)

Sustainable Architectural Design: An Overview Architectural Graphic Standards (Ramsey/Sleeper Architectural Graphic Standards Series) Re-engineering for Sustainable Industrial Production:

Proceedings of the OE/IFIP/IEEE International Conference on Integrated and Sustainable ... in Information and Communication Technology) Building Design and Construction Systems (BDCS) ARE Mock Exam: ARE Overview, Exam Prep Tips, Multiple-Choice Questions and Graphic Vignettes, Solutions and Explanations (Architect Registration Exam) Responsive Web Design Overview for Beginners Design Like You Give A Damn: Architectural Responses To Humanitarian Crises Introducing Architectural Tectonics: Exploring the Intersection of Design and Construction Landscape Design: A Cultural and Architectural History Landscape Architectural Research: Inquiry, Strategy, Design Architectural Diagrams 1: Construction and Design Manual Design with Climate: Bioclimatic Approach to Architectural Regionalism Victorian Gothic House Style: An Architectural and Interior Design Source Book Art Deco House Style: An Architectural and Interior Design Source Book (House style series) Architectural Design Coloring Book An Architectural Approach to Level Design Sun, Wind & Light: Architectural Design Strategies, 2nd Edition Carbon-Neutral Architectural Design Processes of Creating Space: An Architectural Design Workbook The Study of Architectural Design Heating, Cooling, Lighting: Sustainable Design Methods for Architects

[Dmca](#)