



1st ed. 2018, V, 336 p. 158 illus., 63 illus. in color.

 **Printed book****Hardcover**

- ▶ 149,99 € | £112.00 | \$179.00
- ▶ *160,49 € (D) | 164,99 € (A) | CHF 165.00

 **eBook**

Available from your library or

- ▶ [springer.com/shop](https://www.springer.com/shop)

 **MyCopy**

Printed eBook for just

- ▶ € | \$ 24.99
- ▶ [springer.com/mycopy](https://www.springer.com/mycopy)

C. Kabre

Sustainable Building Design

Applications Using Climatic Data in India

Series: Design Science and Innovation

- ▶ Includes climatic data and analysis for 62 Indian cities
- ▶ Incorporates case studies on sustainable building design in each of India's climatic zones
- ▶ Covers the key principles and practices of sustainable environmental design

This book bridges the gap between research and practice in the area of sustainable design of buildings, exploring the passive (climate-responsive) design and thermal behavior of buildings and ways to incorporate these enhancements in architectural and civil engineering practice. It presents climatic data and its analysis in a readily usable form and shows ways in which such data can be used to achieve passive (climate-responsive) and sustainable building design. The book presents case studies of sustainable building in each of five climatic zones of India. The book includes climatic data from 62 cities in India and describes how it can be synthesized in sustainable building design.

The book can serve as a practical tool or handbook for architects, engineers, and designers, providing them with an understanding of the physical phenomena involved and a means for suitably implementing and applying passive (climate-responsive) design principles. It also offers a valuable resource for researchers, students, and policymakers working in the area of sustainable building design and construction.



Order online at [springer.com](https://www.springer.com) ▶ or for the Americas call (toll free) 1-800-SPRINGER ▶ or email us at: customerservice@springer.com. ▶ For outside the Americas call +49 (0) 6221-345-4301 ▶ or email us at: customerservice@springer.com.

The first € price and the £ and \$ price are net prices, subject to local VAT. Prices indicated with * include VAT for books; the €(D) includes 7% for Germany, the €(A) includes 10% for Austria. Prices indicated with ** include VAT for electronic products; 19% for Germany, 20% for Austria. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted.