



Production covers all aspects of sustainable apparel production including the raw materials employed, sustainable manufacturing processes, and environmental as well as social assessments of apparel production. The book highlights the environmental and social impacts of apparel and its assessment. It explores the complexities involved in implementing sustainable measures in the massive supply chain of apparel production. The discussion then turns to sustainability and consumption behavior of the apparel industry and the assessment of sustainability aspects and parameters. The text details technologies that can pave the way toward sustainability in production and closes with coverage of design aspects, particularly sustainable design/eco design and new approaches to fashion sustainability. A vast and complex topic, sustainability in apparel production has many faces and facets. With contributions from an international panel of experts, this book unites all the elements, including very minute details, and supports them with detailed and interesting case studies. It gives you a framework for moving towards sustainability.

"This subject is fascinating enough to compel a cover-to-cover read but the table of contents and index allow users to quickly hone in on a particular topic. This handbook is highly recommended for academic libraries, the libraries of fashion schools, and business libraries." ARBA  
About the Author Dr. Subramanian Senthilkannan Muthu is currently working for SGS as a global sustainability consultant, based in Hong Kong. He earned his diploma and bachelors' and masters' degrees in textile technology from one of the premier institutes in India. He was awarded a doctorate by the Institute of Textiles and Clothing of Hong Kong Polytechnic University for his dissertation entitled "Eco-Functional Assessment of Grocery Shopping Bags." Dr. Muthu also has more than seven years of industrial experience in textile manufacturing, testing, and sustainability evaluation of textiles and clothing materials. He was an outstanding student throughout his study period and earned numerous awards and medals, including many gold medals. He has more than 75 academic publications in various textiles and environmental journals to his credit. Additionally, he has 2 patents, 2 book chapters, 15 books, and numerous conference publications. He is an acting editor, editorial board member, and reviewer for many international peer-reviewed journals in the textiles and environmental science disciplines. He is the editor-in-chief of the Textiles and Clothing Sustainability journal, an open-access journal. Dr. Muthu is also the series editor of two book series, namely, Textile Science and Clothing Technology, and Environmental Footprints and Eco-Design.