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## **Book Review**

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**Advances in Sustainable Manufacturing**  
**by: Gunter Seliger, Marwan M.K. Khraisheh and I.S. Jawahir (Eds.)**  
**Published 2011**  
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**Tiergartenstr. 17, 69121 Heidelberg, Germany, 408pp**  
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In recent years, sustainability concepts are developed and implemented by a large range of industries, institutions and universities throughout the world. The US Department of Commerce defines sustainable manufacturing as “the creation of manufactured products that use processes that minimize negative environmental impacts, conserve the energy and natural resources, are safe for employees, communities, and consumers and are economically sound”. This book presents several modern aspects in field of sustainable manufacturing with environmental, economical and societal impact.

The present book explains advances in sustainable manufacturing with quality and innovation in eight sections. This book includes revised and extended versions of selected papers presented at the 8th Global Conference on Sustainable Manufacturing. Section 1 provides information on engineering education. Section 2 discusses entrepreneurship. The manufacturing processes are introduced in the Section 3. Subsequently, product design and development is described in Section 4. Section 5 discusses remanufacturing, reuse and recycling. Subsequently, renewables and resource utilisations are described in Section 6. Section 7 clarifies sustainability assessment. Finally, Section 8 is dedicated to logistics and green supply chain management.

This book can be used for final undergraduate engineering course (for example, mechanical, manufacturing, industrial, materials, etc.) or as a subject on sustainable manufacturing at the postgraduate level. Also, this book can serve as a useful reference for academics, researchers, mechanical, manufacturing, materials and industrial engineers, professional in related industries with sustainable manufacturing.