

## **About the Book**

*The major challenges of the 21<sup>st</sup> century faced by human beings are how to achieve water security, food security, energy security and environmental security. Owing to enhanced natural/anthropogenic disasters worldwide, these challenges become much more complicated and daunting especially for developing. Therefore it is important to assess the risk of different disasters as the modern tools and techniques for minimizing disaster incidence and losses.*

*Disaster management being highly multidisciplinary in nature, a comprehensive book dealing with different aspects of disaster management, and encompassing important disasters faced by humankind is presently not available. This book is an attempt to fulfill this gap. It provides clear, comprehensive, and up-to-date information about different facets of disaster management along with salient case studies. The book highlights the current status of disaster management focusing on developing nations, discusses vital issues such as climate change and sustainable development, modern approaches and tools/techniques, and the challenges of and future R&D needs for sustainable disaster management.*

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- 2. Earthquakes in India: Hazards, genesis and mitigation measures*
- 3. Impact of 2004 tsunami on housing, sanitation, water supply and wastes management*
- 4. Impact of December 2004 tsunami on Indian coasts mitigation measures*
- 5. Tsunami impacts and rehabilitation of groundwater supply; Lessons learned from eastern Sri Lanka*
- 6. Tsunami early warning system: an Indian Ocean perspective*
- 7. Flood Hazards in India and management strategies*
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