



## **Flood Mitigation Strategies Using Geo-Spatial Tools: A Practical Approach for Cities and Towns of Developing World**

**Kumar, Narendar**

The disastrous effects of floods in urban areas of various Indian cities have been increasing in severity and extent over the past decade. This book explores flood disasters, their impact in world and Indian contexts, assessing vulnerability and risks involved, and systematic use of (GIS)-enabled platforms to map mitigation measures sustainably, with special reference to the metropolitan flood mitigation endeavors.

An interdisciplinary study, this book brings together tools and research from various disciplines including geography, urban and regional planning, and GIS. It will be an invaluable resource for researchers, scholars, engineers, students, planners, academicians, and professionals of cross-disciplines to help them resolve the problem of urban flooding. It will also be of interest to the general reader seeking to learn more about disasters, urban flooding, engineering, and GIS.

Publisher/Imprint [Routledge](#) ISBN/Ean100093103X / 9781000931037

FormateBook (Adobe Pdf) Dewey [363.34936](#) Published 20/09/2023

Country of Pub India Book Language [English](#) Pages 320 pages Copy Limits Copy: 30%; print: 30%

Notes Description based on CIP data; resource not viewed.

BIC [1F Asia](#), [1FKA India](#), [1QFG Developing countries](#), [AMB Individual architects & architectural firms](#), [AMCR Environmentally-friendly architecture & design](#), [GTB Regional studies](#), [RGC Human geography](#), [RGW Geographical information systems \(GIS\) & remote sensing](#), [RNR Natural disasters](#), [TNFL Flood control](#)