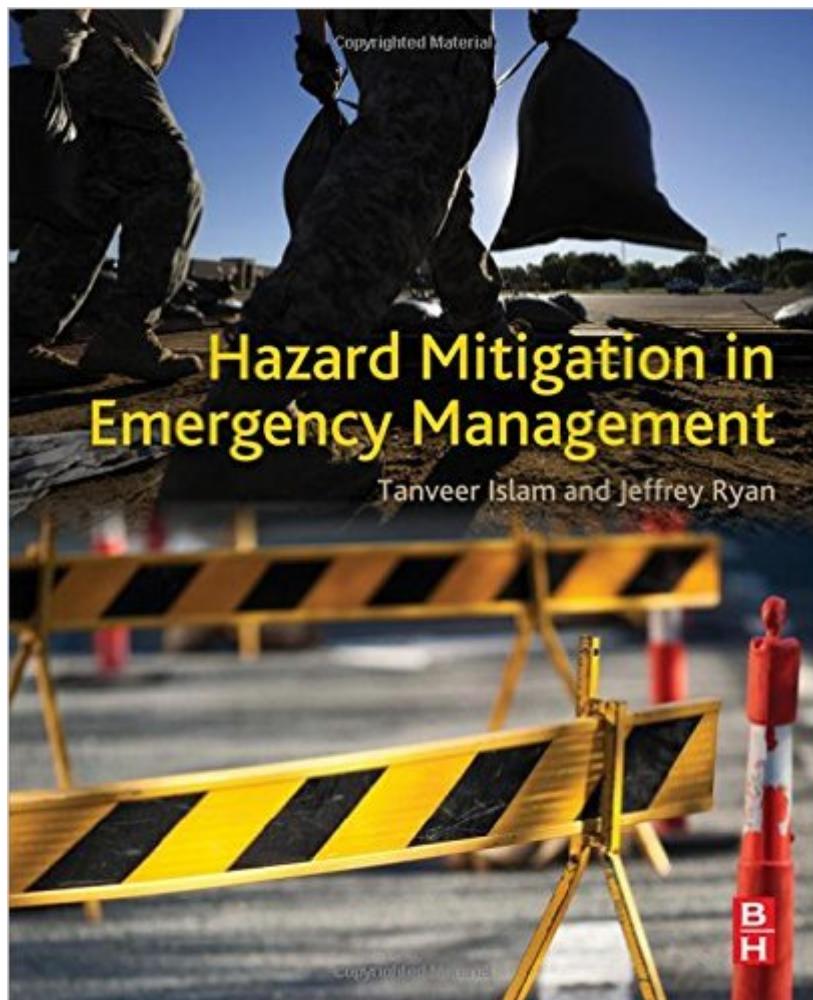


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# Hazard Mitigation In Emergency Management



## **Synopsis**

Hazard Mitigation in Emergency Management introduces readers to mitigation, one of the four foundational phases of emergency management, and to the hazard mitigation planning process. Authors Islam and Ryan review the hazard mitigation framework in both private sector and governmental agencies, covering the regulatory and legal frameworks for mitigation, as well as risk assessment processes and strategies, and tools and techniques that can prevent, or lessen, the impact of disasters. The book specifically addresses hazards posed by human activity, including cyber threats and nuclear accidents, as well as hurricanes, floods, and earthquakes. Readers will learn about the framework for the mitigation process, hazard identification, risk assessment, and the tools and techniques available for mitigation. Coverage includes both GIS and HAZUS, with tutorials on these technologies, as well as case studies of best practices in the United States and around the world. The text is ideal for students, instructors, and practitioners interested in reducing, or eliminating, the effects of disasters. Takes an all-hazards approach, covering terror attacks and accidents, as well as natural disasters. Reviews the hazard mitigation framework in both private sector and governmental agencies, covering the regulatory and legal frameworks for mitigation. Provides a step-by-step process for creating a Hazard Mitigation Plan (HMP). Addresses the needs of local, state, and federal emergency management agencies and of the private sector, including IT mitigation.

## **Book Information**

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## **Customer Reviews**

I am a masters student pursuing my Master of Science in Emergency Management. This was the

required textbook for Hazard Mitigation. I cannot recommend this text enough. Any student or even practitioner in the field of EM needs this book on their shelves. It delves into natural, technological, and man-made hazards not only in the U.S., but also in countries around the world.

For academics, this is a terrible textbook. The textbook consists of examples, but the support documents in the content are missing and much of it is based on old theories that are not relevant or based on current local, State, and Federal practices. The textbook lack sufficient content to write a university level course and requires extensive research to augment the lacking content

Excellent book and a great resource on hazard mitigation! The book covers both natural and man-made hazards and also mitigation activities in other countries besides the U.S., which I like the most.

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