

About the Book

Most of the damages and losses caused by the recent natural or men-made disaster are due to the lack of understanding of the multi-hazard potential of the area encroachments on the natural's path without realizing the possible event's intensity. This book offers an insight into the natural disasters of meteorological, biological and extra terrestrial origin, in addition to technological and industrial disasters including oil spill. They are presented as: disaster type, classification, indicators, monitoring mechanism, hazard zoning. Preparedness and account of recent events, along with numerous references and self assessment tips. This type of presentation is who are pursuing the natural disaster course.

Contents:

- 1. Hazards and disaster**
- 2. Volcanoes**
- 3. Earthquake**
- 4. Sea waves and tsunami**
- 5. Atmosphere and cyclone**
- 6. Flooding**
- 7. Drought**
- 8. Landslide and slope stability**
- 9. Snow, avalanche and Glacier**
- 10. Land Degradation, Desertification and forest fire**
- 11. Marine Environment and Oil Spill**
- 12. Man-made Disaster**