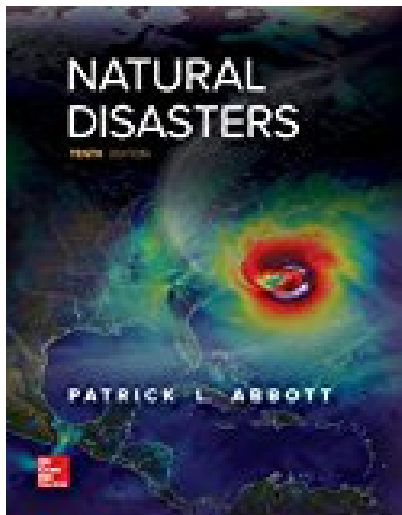


Natural Disasters



BOOK DETAILS

- Author : Patrick Leon Abbott
- Pages : 528 Pages
- Publisher : McGraw-Hill Education
- Language : English
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BOOK SYNOPSIS

As a well balanced and fully illustrated introductory text, this book provides a comprehensive overview of the physical, technological and social components of natural disaster. The main disaster-producing agents are reviewed systematically in terms of geophysical processes and effects, monitoring, mitigation and warning. The relationship between disasters and society is examined with respect to a wide variety of themes, including damage assessment and prevention, hazard mapping, emergency preparedness, the provision of shelter and the nature of reconstruction. Medical emergencies and the epidemiology of disasters are described, and refugee management and aid to the Third World are discussed. A chapter is devoted to the sociology, psychology, economics and history of disasters.; In many parts of the world the toll of death, injury, damage and deprivation caused by natural disasters is becoming increasingly serious. Major earthquakes, volcanic eruptions, droughts, floods and other similar catastrophes are often followed by large relief operations characterized by substantial involvement of the international community. The years 1990-2000 have therefore been designated by the United Nations as the International Decade for Natural Disaster Reduction.; The book goes beyond mere description and elevates the field of natural catastrophes to a serious academic level. The authors insights and perspectives are also informed by his practical experience of being a disaster victim and survivor, and hence the unique perspective of a participant observer. Only by surmounting the boundaries between disciplines can natural catastrophe be understood and mitigation efforts made effective. Thus, this book is perhaps the first completely interdisciplinary, fully comprehensive survey of natural hazards and disasters. It has a clear theoretical basis and it recognizes the importance of six fundamental approaches to the field, which it blends carefully in the text in order to avoid the partiality of previous works. It covers the earth and social sciences, as well as engineering, architecture and development studies. This breadth is made possible by virtue of a strong emphasis on simple principles of the interaction of geophysical agents with human vulnerability and response.; All students of environmental sciences/studies and geography should find this book useful. It is an introductory text which treats this dramatic subject area as something demanding serious academic treatment and not just as an assemblage of horror stories.; This book is intended for undergraduate students in geography and environmental studies/sciences. The book should also appeal to any professional or researcher concerned with man- environment relations, whether in social science or natural science or engineering.

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