

TECTONIC HAZARDS (SECOND EDITION)

Martin Degg and Sue Warn

Series Editors: **Bob Digby and Sue Warn**

You may have chosen to study tectonic hazards because you have been enthused by the topic in geography. Both geography and geographers have played a key role in our understanding of tectonic hazards and risks – from the earliest insights into continental drift to the latest thinking on human vulnerability and resilience.

This book will extend your understanding of the physical and human processes that combine to create tectonic risks and disasters from the global to the local level. Among other things it:

- explores the relationships between tectonic hazard, vulnerability, resilience and risk
- discusses how plate tectonic theory and paradigms help us to understand the distribution of hazards
- examines social, political, cultural and economic factors that impact on human vulnerability to tectonic hazards
- reviews the main protection, adaptation and mitigation measures human societies use to reduce risk
- looks to the future of disaster risk management in an increasingly urbanised world, with a focus on how international organisations can work with local people to manage risk in a development context.

Contents

Chapter 1. Understanding hazard, vulnerability, resilience and risk

Chapter 2. Tectonic processes and landforms

Chapter 3. Earthquake hazard and risk

Chapter 4. Volcanic hazard and risk

Chapter 5. Tsunami hazard and risk

Chapter 6. Future challenges: tectonic Disaster Risk Reduction (DRR) to 2030

Online resources

Each book in the *Top Spec Geography* series has a range of supplementary materials and resources including:

- extra information
- extended question lists
- model answers and mark schemes
- links to relevant websites
- extended glossaries
- photo galleries.



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The *Top Spec Geography* series offers teachers and tutors cutting-edge resources designed to help their students investigate specialist topics found in the AS/A2 specifications, and to bridge the gap between A level and university. The writing teams, combining the expertise of a specialist in their field with that of an experienced classroom teacher, have been chosen to bring you contemporary and exciting geography that brings together the latest research and thinking on topical themes, with practical activities suitable for use with students either in the classroom or for private study. All the case studies are well supported by geographical theory, and the activities take an enquiry approach to learning. Supporting materials, including model answers, extended glossaries, web links and photo galleries, to accompany each book are available online at www.geography.org.uk/topspec

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