



METADATA

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Abstract

The main objective of this book is to study the structure and properties of the upper part of the earth's crust, its technical behaviour, corrosion and possible problems caused by pollution of certain categories. In addition, the study and analysis of the geological processes that contribute to the formation of the Earth's surface relief and subsurface structure contributes to the rational management of natural resources and the environment. This book introduces the reader to the basic concepts of environmental geology and provides the basic tools to carry out projects/studies on the subject. It also analyses methods for simulating

the dispersion of pollutants in the terrestrial and marine environment, as well as methods for their detection and monitoring. Upon completion of the study of this book, the reader/student will a) understand the basic principles of environmental geology and geotechnology, b) be able to meet the basic requirements for fieldwork, c) understand topographic and geological maps, d) recognise geological formations, e) describe and categorise terrain and assess potential hazards, f) recognise technical problems and propose solutions, and g) evaluate and propose methods for detecting and monitoring pollution on land and in the sea.

