

Encyclopedia of Volcanoes

Editor-in-chief: Sigurdsson, Haraldur

Hardback Book; Colour Illustrations, Glossary

1417 pages

Published: 2000

Academic Press a division of Harcourt Brace and Company

ISBN: 012643140X

The Encyclopedia of Volcanoes summarizes our present knowledge of volcanoes, which are among the most spectacular events of the natural world. Through its thematic organization around the melting processes in the interior of the Earth, it provides a comprehensive source of information on the multidisciplinary influences of volcanic eruptions – both the destructive and the beneficial aspects. World experts in the domain have contributed under the direction of a distinguished group of editors. 82 authoritative, concise cross-referenced entries elucidate the major concepts and influences of volcanoes on past and present-day processes. 830 figures and tables evidently support and amplify the text, among them a series of special color plates. The Encyclopedia is organized in 9 parts: I. Origin and transport of the magmas; II. Eruption; III. Effusion volcanism; IV. Explosive volcanism; V. Extraterrestrial volcanism; VI. Volcanic interaction; VII. Volcanic hazard; VIII. Eruption response and mitigation; IX. Economic benefits and cultural aspects of volcanism. An important feature of the work is that each article follows the same format, beginning with a topical outline and a glossary of key terms. Articles that are self-contained are also linked internally to other entries by cross-references and externally to other works by a selection of further readings recommended by the author. At the end a comprehensive subject index leads the reader to specific subjects discussed within the articles.

This excellent book, obtained with the CNCSIS grant no. 125 can be consulted at the Library of the Institute of Geodynamics of the Romanian Academy.

Dr. I. Seghedi