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Titolo	CRISIS in economic relations between North and South / Edited by Norman Schofield
Pubbl/distr/stampa	Aldershot : Gower Publ. Co. Ltd., 1986
Descrizione fisica	XIV , 438 p. , 22 cm
Locazione	FSPBC
Collocazione	VI A 676
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910437793803321
Titolo	Essentials of medical geology / / Olle Selinus, editor ; Brian Alloway ... [et al.], associate editors
Pubbl/distr/stampa	Dordrecht ; ; New York, : Springer, c2013
ISBN	94-007-4375-0
Edizione	[Rev. ed.]
Descrizione fisica	1 online resource (808 p.)
Altri autori (Persone)	SelinusO (Olle) AllowayB. J
Disciplina	616.98
Soggetti	Environmentally induced diseases Environmental health
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Medical Geology: Perspectives and Prospects -- Public Health and Geological Processes: and Overview of a Fundamental Relationship -- Natural Distribution and Abundance of Elements -- Anthropogenic Sources -- Uptake of Elements from a Chemical Point of View -- Uptake of Elements from a Biological Point of View -- Biological

Functions of the Elements -- Geological Impacts on Nutrition --
 Biological Responses of Elements -- Volcanic Emissions and Health --
 Radon in Air and Water -- Arsenic in groundwater and the environment
 -- Fluoride in natural waters -- Water Hardness and Health Effects --
 Bioavailability of Elements in Soil -- Selenium Deficiency and Toxicity in
 the Environment -- Soils and Iodine Deficiency -- Geophagy and the
 Involuntary Ingestion of Soil -- Natural Aerosolic Mineral Dusts and
 Human Health -- The Ecology of Soil-Borne Human Pathogens --
 Animals and Medical Geology -- The impact of micronutrient
 deficiencies in agricultural soils and crops on the nutritional health of
 humans -- Environmental Epidemiology -- Environmental Medicine --
 Environmental Pathology -- Toxicology -- Speciation of Trace Elements
 -- GIS in Human Health Studies -- Investigating Vector-Borne and
 Zoonotic Diseases with Remote Sensing and GIS -- Mineralogy of Bone
 -- Inorganic and Organic Geochemistry Techniques -- Histochemical
 and Microprobe Analysis in Medical Geology -- Chapter Modeling
 Groundwater Flow and Quality -- Appendix A International Reference
 Values -- Appendix B: Web Links -- Appendix C: Glossary -- Index. .

Sommario/riassunto

Essentials of Medical Geology reviews the essential concepts and practical tools required to tackle environmental and public health problems. It is organized into four main sections. The first section deals with the fundamentals of environmental biology, the natural and anthropogenic sources of health elements that impact health and illustrate key biogeochemical transformations. The second section looks at the geological processes influencing human exposure to specific elements, such as radon, arsenic, fluorine, selenium and iodine. The third section presents the concepts and techniques of pathology, toxicology and epidemiology that underpin investigations into the human health effects of exposure to naturally occurring elements. The last section provides a toolbox of analytical approaches to environmental research and medical geology investigations.

Essentials of Medical Geology was first published in 2005 and has since won three prestigious rewards. The book has been recognized as a key book in both medical and geology fields and is widely used as textbook and reference book in these fields. For this revised edition, editors and authors have updated the content that evolved a lot during 2005 and added two new chapters, on public health, and agriculture and health. This updated volume can now continue to be used as a textbook and reference book for all who are interested in this important topic and its impacts the health and wellbeing of many millions of people all over the world.

- Addresses key topics at the intersection of environmental science and human health
- Developed by 60 international experts from 20 countries and edited by professionals from the International Medical Geology Association (IMGA)
- Written in non-technical language for a broad spectrum of readers, ranging from students and professional researchers to policymakers and the general public
- Includes color illustrations throughout, references for further investigation and other aids to the reader.