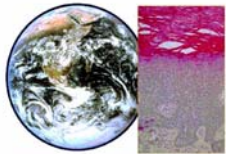


SHORT COURSES



Environmental and health effects of toxic elements, metal ions, and minerals



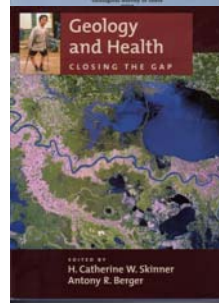
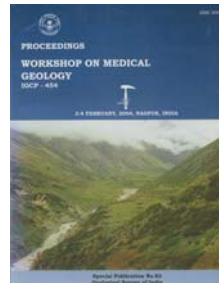
Medical geology Short Courses since 2001



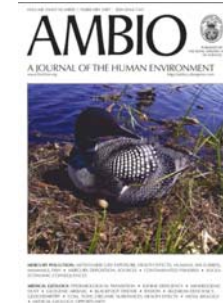
★ Courses carried out (33) ☆ Requested courses

Since 2001 short courses in medical geology have been held in almost 40 countries. The courses involve geoscientists, epidemiologists, toxicologists etc.

The aim of the short courses is to share the most recent information on the relationship between toxic metal ions, trace elements, minerals, etc. and their impact on the environmental and public health issues. The scientific topics of the course include environmental toxicology, environmental pathology, geochemistry, geoenvironmental epidemiology, extent, patterns and consequences of exposures to toxic metal ions, and analysis of geologic and biologic materials.



Examples of publications



INTERNATIONAL MEDICAL GEOLOGY ASSOCIATION IMGA



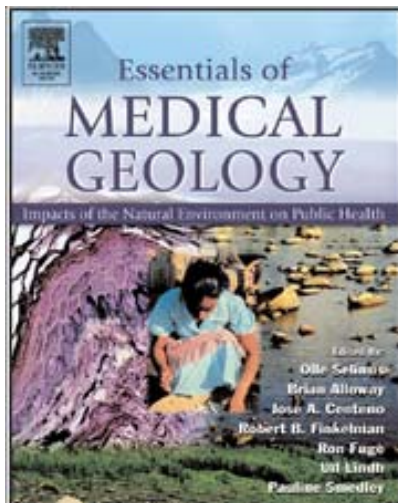
<http://www.medicalgeology.org>

Dr Jose Centeno (chairman)
The Armed Forces Institute of Pathology
Dpt of Environmental and Toxicologic Pathology
Washington DC, 20306-6000 USA
centeno@afip.osd.mil

Dr. Olle Selinus (co-chairman)
Geological Survey of Sweden
PO Box 670, SE 75128 Uppsala, Sweden
Phone +46 (0) 18 179000
Mob. +46 (0) 70 5232820
olle.selinus@sgu.se

Dr Phil Weinstein (co-chairman)
Deputy Head of School of Population Health, University of Queensland, Herston Queensland 4006
Phone +61 7 3365 5345
p.weinstein@uq.edu.au

ESSENTIALS OF MEDICAL GEOLOGY

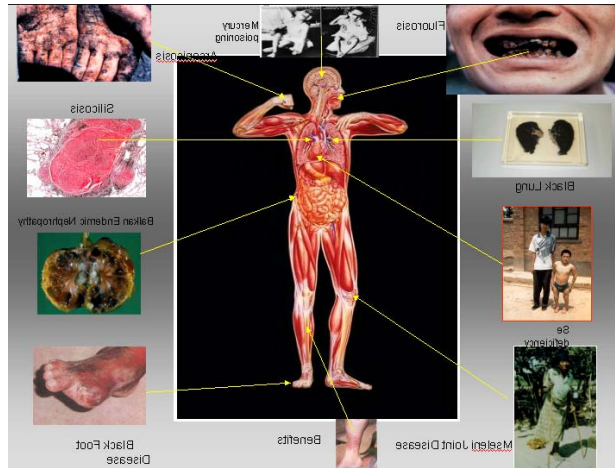


Many papers and books have been published. A book on Medical Geology has also been published by Elsevier

in 2005 with almost 60 distinguished authors from all around the world. About 50% are geoscientists and about 50% are medics, veterinarians and other scientists. The book has been granted three distinguished international awards.



Regular newsletters



Medical Geology is defined as *the science dealing with the relationship between geological factors and health problems in humans, animals and plants*. The field of study is complex and requires a multidisciplinary approach using a wide variety of specialists from geologists, geochemists, pathologists and medical doctors to veterinarians and biologists.

Medical Geology is a rapidly growing field which brings together geoscientists and medical/public health researchers to address health problems caused, or exacerbated by geological materials (rocks, minerals, atmospheric dust and water) and processes (including volcanic eruptions and earthquakes). Among the environmental health problems that geoscientists are working on in collaboration with the medical and public health community are: exposure to toxic levels of trace essential and non-essential elements such as arsenic and mercury; trace element deficiencies; exposure to natural dusts and to radioactivity; naturally occurring organic compounds in drinking water; volcanic emissions, etc.. Medical geology also deals with the many health benefits of geologic materials and processes.

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www.medicalgeology.org**

Dues 40 USD per year (full member)

Student member 20 USD

Half the dues for African countries

Dues payment can be made by credit card or PayPal on our website

IMGA has currently 400 members from 75 countries. Members receive newsletters and discounts on the book *Medical Geology*.

The association is the umbrella for regional divisions around the world. These divisions include South America, Sub Sahara Africa, Indian subcontinent, two subdivisions covering SouthEast Asia and China, Australia, Oceania, Russia and NIS, North America, Europe, Southern Mediterranean and Central America and Caribbean Basin.