

MEDGEO 2021



THE 9TH INTERNATIONAL CONFERENCE ON MEDICAL GEOLOGY

IMGA • 2021 • ONLINE

FRIDAY 30th JULY

**FROM 2:00 PM
TO 5:00 PM
(PORTUGAL TIME)**

**THE ROLE OF
MEDICAL GEOLOGY**

**IN THE SUSTAINABLE
DEVELOPMENT GOALS**

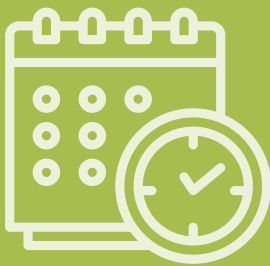
USE THE ZOOM LINK:

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MEETING ID: 990 2409 8157

PASSCODE: 365874

zoom



OPENING: DIEGO FRIDMAN.
CHAIR EXECUTIVE COMMITTEE-IMGA

- HOW TO PROMOTE MEDICAL GEOLOGY EDUCATION AND RESEARCH IN DEVELOPING COUNTRIES. NELLY MAÑAY. IMGA – URUGUAY
- MEDICAL GEOLOGY - A MOMENT WITH THE FOUNDERS. JOSÉ A. CENTENO. ROBERT FINKELMAN. OLLE SELINUS.
- STIMULUS AWARDS CEREMONY FOR CHAPTERS / RECOGNITIONS / STUDENT AWARDS
- MEDGEO2023 PRESENTATION. HÉCTOR RUBIO ARIAS. IMGA – MÉXICO.

CLOSING

How to promote Medical Geology Education and Research in Developing Countries. Nelly Mañay IMGA – Uruguay

Medical Geology is a worldwide growing discipline dealing with the Geosciences and Health sciences. It has been recognized as a promising scientific field in which geosciences, environmental health, and other biosciences can contribute together to find relationships among natural geological factors and human health impacts or on other living beings.

The knowledge and performance in environmental and health issues have been improved by joining similar aims research teams and experts from different institutions to face environmental health problems using geological tools and resources. Several topics as large-scale mining, climate change, drinking water quality, etc. are now of growing concern in our developing countries.

However, several questions have aroused in those countries as:

Where can I study this discipline? How can I promote Medical Geology among geoscientists and bio-scientists in my country? How can we research and find solutions to local or regional health problems with a multidisciplinary approach as Medical Geology?

Geoscientists and Bioscientists need to be educated in multiple sub-disciplines and not only focused in one area of expertise. Additional courses on applied subjects should be dictated and theoretical research should be balanced with applicability of the results to specific environmental health problems.

The main aspects to take into account for the promotion of Medical Geology in developing countries and our Uruguay´s experience, are reviewed in this lecture, in order to help our colleagues to improve the development of this emerging discipline in their own countries.

Regular meetings and conferences should be held with students, expert researchers and delegates from health, environment and geology institutions or private companies, to work together on projects of interest to the country, by integrating the available resources of each partner.

In sum, the main challenge to promote Medical Geology skills in developing countries is by education programs and research work, integrating experts, students, and stakeholders' partners in common projects to give solutions to their own local problems.

Medical Geology – A Moment with The Founders. José A. Centeno. Robert Finkelman. Olle Selinus.

Medical Geology brings together Earth scientists and medical/public health researchers and professionals to address health problems caused or exacerbated by naturally occurring environmental and geologic materials (such as rocks, minerals and water), and natural processes (such as volcanic eruptions, earthquakes, and atmospheric dust). Working together, Earth and Health scientists bring valuable sets of skills, techniques and knowledge to provide solutions to environmental causes of health problems. In this Panel discussion session, the Founders of Medical Geology, Jose A. Centeno (Physical Chemist and Toxicologist), Robert Finkelman (Geologist) and Olle Selinus (Geologist) will jointly shared their experiences, contributions to the discipline, as well as their thoughts about the future of medical geology.