



Octubre / October 12-16, 2009 Montevideo, Uruguay

Web: <http://www.geologiamedica.com/>

- **ORGANIZAN / ORGANIZERS:** International Medical Geology Association (IMGA),
Dept. of Toxicology -Faculty of Chemistry Uruguay (FQ) & Uruguayan Society of
Toxicology and Ecotoxicology (SUTE)
- **SEDE / VENUE:** CENTRO DE CONVENCIONES / CONVENTIONS CENTER
HOLIDAY INN, Colonia 823 Montevideo.
- **TEMAS / TOPICS**
 - 1.Trace elements, metals and metalloids in medical geology**
 - Sources of exposure, nutritional aspects & diseases
 - Geoavailability, Bioaccessibility and Bioavailability
 - Analytical toxicology, Speciation analysis
 - 2. Environmental medicine, environmental toxicology and Medical geology**
 - Epidemiology
 - Environmental medicine, toxicology, and biomonitoring
 - Disease surveillance
 - Biomedical research
 - Tropical diseases
 - Biomarkers and Disease
 - Emerging and re-merging diseases in medical geology
 - 3. Environmental geochemistry and health**
 - Natural disasters and their impact on human and animal health
 - Climate changes, environmental quality, adaptability and public health
 - Veterinary Geology. The impacts of geologic factors on animal health
 - 4. Environmental risk management and risk communication in Medical Geology**
 - Risk assessment, Risk communication
 - Environmental management
 - Remediation of contaminated sites
 - Environmental Health Impact
 - 5. Environmental and Forensic Geology in Medical geology**
 - 6. Geochemical tools to aid public health research**
 - Geochemical mapping and human health databases (mortality and morbidity data)
 - Biochemical Studies and health effects
 - 7.Educational and professional opportunities on Medical Geology**
 - 8. Social drives that impact environmental health**

□ **TRABAJOS / PAPERS**

Envío de resúmenes / Abstracts submission :

Last minute posters call : Deadline : 4 September 2009

□ **IDIOMAS / LANGUAGES:**

All abstracts must be submitted in English.

Oral presentations should be preferably in English. Presentations in Spanish and Portuguese are also acceptable with accompanying slides in English.

Posters should be preferably in English. Spanish and Portuguese are also acceptable with an abstract in English

□ **CONFERENCISTAS INTERNACIONALES / INTERNATIONAL LECTURERS**

CONFERENCISTA	INSTITUCION	PAIS	TITULO CONFERENCIA
Lecturer	Institution	Country	(Lecture Title)
Marta Litter	Comisión Nacional de Energía Atómica- Centro Atómico Constituyentes.	ARGENTINA	The problem of Arsenic in Argentina and Chile
Brian Gulson	Graduate School of the Environment Macquarie University, Sydney	AUSTRALIA	An isotope geochemistry approach to medical problems.
Rafael Cervantes	Medical Geology Chapter- Bolivia	BOLIVIA	Environmental Health in Bolivia: Pesticides, Health and Environment
Bernardino R. de Figueiredo	Geociencias Dpt.. Universtiy of Campinas	BRAZIL	Medical Geology in Brazil
Monica Bastos Paoliello	University of Londrina-Parana	BRAZIL	Lead Levels in Milk and Blood from Donors to the Breast Milk Bank in Southern Brazil.
Kevin Telmer	School of Earth and Ocean Sciences, University of Victoria	CANADA	Mercury, Gold, People and the UNEP global mercury treaty.
Laura Borgel	Forensic Medicine Department, University of Chile,	CHILE	Integrated System for Risk Evaluation of Contaminated Sites
Saverio Fiore	Institute of Methodologies for Environmental Analysis- CNR, 85050 Tito Scalo (PZ) - Italy	ITALIA	Mineralogical risk induced by naturally occurring asbestos:" A case study
Aurora Armienta	Geophysical Institute of National Mexican University (UNAM)	MEXICO	Arsenic in groundwaters of México: What do we know? where shall we go?.
Eduardo A. Ferreira Da Silva	Department of Geosciences- University of Aveiro	PORTUGAL	Geological Materials and their beneficial effects upon human health:some portuguese case studies
Olle Selinus	Geological Survey of Sweden	SWEDEN	Medical Geology as an important tool in public health
Chin-Hsiao Tseng	National Taiwan University Hospital, Taipei,	TAIWAN	Arsenic and diabetes Melitus
Mark Cave	British Geological Survey	UNITED KINGDOM	Measuring human exposure to harmful elements in soils- exploring the links between bioavailability, bioaccessibility and geochemistry
Jose Centeno	Division of Biophysical Toxicology- AFIP	USA	Health and Earth-Medical Geology Building a Safer Environment
Robert Finkelman	University of Dallas- Texas	USA	Soil: The Essence of Medical Geology
Paul B. Tchounwou	Jackson State University	USA	Toxicokinetics and Biomarkers of Lead Induced Toxicity in Red Swamp Crawfish
Nelly Mañay	Chemistry Faculty- Toxicology and Environmental Health Dpt.	URUGUAY	Animals biomonitoring as sentinels of human environmental risk: exposure biomarkers in pets
Maria H. Torre	Chemistry Faculty- Bioionorgánica Chemistry	URUGUAY	Medical Geology approach for livestock health in Uruguay: the case of Cu deficiency in Salto department
Amalia Laborde	Medicine Faculty - Toxicology Information Center (CIAT)	URUGUAY	Children environmental diseases in contaminated sites

□ **ACTIVIDADES PRE-CONGRESO / PRE-CONFERENCE ACTIVITIES**

- 1. IMGA Short Course on Medical Geology : Metals, Health and the Environment.**
- 2. CYTED- IBEROARSEN: Course on Arsenic Remediation Technologies (in spanish)**
- 3. GEM Workshop on Environmental Management.**

All these pre-conference activities (workshops and courses) have a quota of 50-60 participants.

□ **CRONOGRAMA PRELIMINAR / TENTATIVE SCHEDULE**

Pre-conference Activities

Monday, 12 October 2009	Tuesday, 13 October 2009
Registration 1. Geosciences for Environmental Management (GEM) Meeting 2. CYTED- IBEROARSEN: Course on Arsenic Remediation Technologies	Registration 1. GEM Workshop on Environmental Management 2. CYTED-IBEROARSEN: Course on Arsenic Remediation Technologies (in spanish) 3. IMGA Short Course on Medical Geology Welcome Reception

3rd Hemispheric Conference on Medical Geology

	Morning	Afternoon	Evening
Wednesday, 14 October 2009	Opening Ceremony Keynote Lecture Plenary Lecture 1 Concurrent sessions	Plenary lecture 2 Concurrent sessions Poster viewing and discussion	IMGA Executive Committee Annual Meeting <i>Social activity (*)</i>
Thursday, 15 October 2009	Plenary Lecture 3 Concurrent sessions	Plenary Lecture 4 Concurrent sessions Poster viewing and discussion	Best poster/oral presentation awards Closing Ceremony <i>Closing Dinner(*)</i>
Friday, 16 October	<i>Field Trip and Tour (*)</i>		

(*) *Optional*

□ **MATRICULAS / FEES**

	Before September 15, 2009	After September 16, 2009
Not Members	USD 200	USD 230
Members (IMGA, SUTE)	USD 170	USD 200
Students	USD 100	USD 120

Pre Conference Activities : Short Courses & Workshop

- The registration fees are waived to fully registered 3rd.HC MedGeo participants or organizing members.
- Those who are interested in attending **only** one of these activities, have to pay a **USD 50** contribution ticket