

2nd International Spain Conference on Medical Geology October 16-20, 2017

Under the topic of “Ciencias para la Salud y el Bienestar” (Science for Common Health and Benefit), the Spain Chapter on Medical Geology organized its 2nd International Spain Conference on Medical Geology (2nd ISCMG) under the auspices of the Spain Geological Survey and Institute of Mines, the University of Salamanca – Faculties of Science and Medicine, the Salamanca Clinical Hospital and the University of Granada – School of Pharmacy during the week of October 16-20, 2017. Dr. Jose A. Centeno, Director, Division of Biology, Chemistry and Materials Science, Center for Devices and Radiological Health at the US Food and Drug Administration, and co-founding member of the International Medical geology Association (IMGA) and Past-Immediate President of IMGA, served as the keynote speaker for the 2nd ISCMG, presenting lectures in Salamanca (October 16th, Faculties of Science and Medicine), Madrid (October 17th, Spain Geological Survey and Institute of Mines), Salamanca (October 18th, Clinical Hospital) and Granada (October 20th, University of Granada, School of Pharmacy). Over 250 participants attended this event, with participation from the Spain medical, geoscience, public health, epidemiological and toxicology communities.

II JORNADAS DE GEOLOGÍA MÉDICA EN ESPAÑA

Octubre de 2017

Dr. José Antonio Centeno
Co-fundador de la Asociación Internacional de Geología Médica
U. S. Food and Drug Administration, FDA - Washington

Conferencias Magistrales
16 de octubre de 2017, 11:00 horas Fac. de Ciencias, USAL – SALAMANCA
19 de octubre de 2017, 9:00 Fac. de Medicina, USAL – SALAMANCA

Jornadas científico-divulgativas
17 de octubre de 2017, 11:30 horas, IGME-ETSIME – MADRID
20 de octubre de 2017, 10:30 horas Fac. Farmacia, UGR – GRANADA

Seminario clínico
18 de octubre de 2017, 8:00 horas Hospital Clínico, USAL – SALAMANCA

International Medical Geology Association, IMGA <http://www.medicalgeology.org/>

Ciencia para la salud y el bienestar

Organizan

Patrocinan

Colabora

Inscripción gratuita en cada una de las actividades. Para consultar la inscripción acudir a: IMGA_Espana@thermal.com indicando nombre completo y afiliación, así como, el sector al que pertenece (salud y bienestar).

The event received wide dissemination from the Spain social networks, as well as the local news media, and the university social new media. At the University of Salamanca, Jose's lectures focused on highlighting the benefits of medical geology and on describing the emerging research priorities of our field for the next 5 years. Of particular interest are:

- Addressing emerging areas in public health: newly emerging issues (eg, health effects of mineral dust);
- Leverage the use of "Big Data" and modernize the use of biological/chemical risk assessment (ie, maps of medical geological risk assessment)
 - Use of GIS to integrate epidemiological and disease registry information
 - Employ computer models using integrated data to forecast pending hazards to populations (arsenic, mercury, etc);
- Advance tests and methods for characterization, predicting and monitoring impact of medical geology risk factors and earth materials in human and animal diseases (ie, decision making)
- Integrate across disciplines in public health sciences
 - Public health forums (symposia, conference, etc).
 - Curriculum development
 - Learning approaches used in relevant disciplines

Similarly, within our medical colleagues, Jose's lectures provided a pathway by which the medical/public health will contribute for the development and implementation of medical geology in Spain, recharging the commitment and dedication of these two communities to improve the interaction between Earth science and public health.

As part of the closure ceremony for the 2nd International Spain Conference on Medical Geology celebrated at the University of Granada – School of Pharmacy, Dr. Centeno was awarded the title of Honorary Academician by the Royal Academy of Medicine and Surgery (Andalucia Oriental) for his contributions to medical sciences and in particular to public health research and the development of the emerging discipline of medical geology. The Spain Royal Academy of Medicine and Surgery (Andalucia Oriental) is a nearly three century established institution dedicated to promoting new advances in medical sciences, both national and internationally.