

Invited Lecture

The Laboratory of Geophysical-Satellite Remote Sensing & Archaeoenvironment (GeoSat ReSeArch) of Institute for Mediterranean Studies (IMS) of Foundation for Research and Technology (FORTH) in collaboration with the Department of Natural Resources and Environment of the Technological Institute of Crete invite professors, researchers, post-doc, graduate and undergraduate students to attend the lecture of the Invited Researcher from the Korea Institute of Geoscience and Mineral Resources, South Korea

Dr. Jung-Ho Kim

with topic:

- Interpretation of Geophysical Monitoring Data
- Geophysical Inverse Problem: L1 or L2 norm?
- Lp norm and 4D inversion

The lecture will take place in the Lecture Room of the Institute for Mediterranean Studies at Rethymno, on **October 23rd, 2013** at **15:00** hours.

The lecture is organized under the framework of the public activities of the project «*Thalis-TEI Crete – Integrated Geoinformatics Technologies for the Time-Lapse Monitoring of Land Pollution from the Disposal of Olive Oil Mills' Wastes*» which is financed by the Operational Program: Education and Lifelong Learning, NSRF 2007-2013.

Short CV of Dr. Jung-Ho Kim



Dr. Jung-Ho Kim holds a Ph.D. in Applied Geophysics from Seoul National University. He is Principal Researcher at the Korea Institute of Geoscience and Mineral Resources (KIGAM) and Leader of the Geoelectric Imaging Laboratory. He is Member of the National Academy of Engineering of Korea, Visiting Scientist at the Geological Survey of Austria, Honorary Doctor of the Aristotle University of Thessaloniki, Honorary Lecturer for South and East Asia, Associate editor of the Journal of Near Surface Geophysics and Special guest editor of the journal issue jointly published by KSEG, ASEG and SEGJ. He has been the project manager of large scale Korean and international collaborative research projects involving the development of fusion techniques for precise subsurface imaging, the development of integrated three-dimensional geophysical methods for geotechnical engineering, the inversion of EM data for magnetic susceptibility and electrical conductivity, the development of Joint Inversion Algorithm for DC-Resistivity and Loop-loop EM Data, the Borehole-to-surface electrical resistivity tomography technology for environmental monitoring etc. He has registered patents in USA, Japan and South Korea. He has delivered Honorary Lectures in South and East Asia supported by Society of Exploration Geophysicists and he was keynote and invited lecturer in international conferences in China, Taiwan, USA, Japan, Thailand. He is the author of commercialized software for the inversion of tomographic resistivity and GPR/borehole reflection data. His area of interest include Inversion of Geophysical Exploration Data, DC and electromagnetic exploration, ground penetrating radar, application of geophysical methods to geotechnical, engineering and environment studies. He has published 46 papers in international journals. 70 papers in Korean journals and since 2,000 more than 220 presentations in international and Korean conferences.