

Paul Marinos
the 2010 Jahns Distinguished Lecturer.

Dr Paul Marinos has been named the 2010 Jahns Distinguished Lecturer. The Association of Environmental & Engineering Geologists (AEG) and the Engineering Geology Division of the Geological Society of America (GSA) jointly established the Richard H. Jahns Distinguished Lectureship in 1988 to commemorate Jahns and to promote student awareness of engineering geology through a series of lectures offered at various locations around the country. Richard H. Jahns (1915 – 1983) was an engineering geologist who had a diverse and distinguished career in academia, consulting and government.

Dr Paul Marinos received a Mining Engineering degree from the School of Mines of the National Technical University of Athens, Greece in 1966, a postgraduate degree in Applied Geology from the University of Grenoble, France, and his Doctorate in Engineering Geology from the same University in 1969. He worked for French and Greek design and construction companies until 1977 and then was elected as Professor at Democritus University in Northern Greece. Since 1988 Dr Marinos has been Professor of Engineering Geology in the School of Civil Engineering in the National Technical University of Athens and has served as head of the Geotechnical Section of the School for several years. From 2001 to 2004 and from 2006 to 2008 he was the Director of a Graduate Course in Tunneling and Underground Construction. He was a visiting Professor in the Geology Department of the University of Grenoble (1987) and of the School of Mines in Paris (2003).

Dr Marinos is a member of AEG and GSA and fellow of the Geological Society of London. He is a past President of the International Association of Engineering Geology and the Environment (IAEG), immediate past president of the Geological Society of Greece and honorary member of the International Association of Hydrogeologists (IAH).

Dr Paul Marinos has received several awards, including the Hans Cloos medal of IAEG, and the Andre Dumont medal of the Geological Society of Belgium. He was selected for the presentation of named lectures, including the 6th Glossop Lecture in London (2002), the 19th Rocha Lecture in Lisbon (2002), the 33rd Cross Canada Lectures Tour (2005), and the Rock Mechanics annual Lecture in Madrid (2006).

Dr Marinos and his team conduct research on a variety of applications of geology to engineering, mainly rock mass characterization, weak rock properties and behavior, with special emphasis to tunnel design. His work also covers landslides, dam geology, and engineering in karstic terrain. His other significant interest is the protection of historic monuments and archeological sites. Dr Marinos has authored or co-authored over 300 papers in journals or major conference proceedings. He was a key or invited lecturer in more than 40 conferences or special events. He has given lectures to University Courses or Workshops, among them the Federal Technical University (EPFL) in Lausanne, Switzerland, the Polytechnico of Turin, Italy, the University of Durham, U.K., the University of Coimbra, Portugal, the University of Kobe, Japan, the Black Sea University Romania, the Aristotle University of Thessalonica, Greece, and the Griffiths University, Australia. He has edited proceedings published by international publishers. Dr Marinos is a member of the Editorial Board of a number

of prominent journals as “Engineering Geology”, “Bulletin of the International Association of Geology”, “Landslides”, “Environmental Geology”, “Rock Mechanics” and from 2009 “Environmental and Engineering Geosciences”.

Dr Paul Marinos has extensive industrial experience having served as consultant, independent reviewer and member of consulting boards or panel of experts on major civil engineering projects in Greece, France, India, Iran, Jordan, Morocco, Portugal, Saudi Arabia, South East Asia, Spain, Sweden, and Turkey.

The titles of Dr. Marinos’ lectures are:

- 1) Ongoing challenges in Engineering Geology for tunnelling in difficult ground
- 2) Geological constraints and geotechnical issues in mechanized tunneling
- 3) Tunneling through karstic rocks - How Engineering Geology needs Hydrogeologic input and logic
- 4) Rock mass characterization; a vehicle to translate Geology into the design of Engineering Structures
- 5) Geology in dam engineering. An evolving contribution of Engineering Geology for safety and efficiency
- 6) Geology of Athens, Greece. A case of urban geology for land use, construction of major engineering structures, hazard assessment and sustainable development

Abstracts are available at the AEG and GSA websites and also at <http://users.civil.ntua.gr/marinos/>

Requests for scheduling lectures should be directed to Paul Marinos at marinos@central.ntua.gr

Lectures will start in January 2010 and run through June 2010, the period that Paul Marinos will be on sabbatical leave in the United States. However some lectures can be accommodated a week before each of the annual meetings of AEG and GSA in the fall of 2010, since Paul Marinos will be back in the US to present his featured lecture at both of these meetings.

The University/College lectures can be arranged for a one hour presentation or a two hour presentation with a short break. Lecture content will be adjusted according to the field of study of students –geology, civil, mining– and whether they attend an applied geology program.