



4th Annual International Conference on Earth and Environmental Sciences, 5-8 June 2017, Athens, Greece

Organized by the Environment Research Unit

Sponsored by the Athens Journal of Sciences

Conference Venue: Titania Hotel, 52 Panepistimiou Avenue, Athens, Greece (close to Omonoia metro station)

Monday 5 June 2017

08:00-09:00 Registration and Refreshments

09:00-09:30 (Room D-10th Floor) Welcome and Opening Address

Gregory T. Papanikos, President, ATINER.

09:30-11:00 Session I (Room C-10th Floor): Earth Sciences

Chair: Olga Gkounta, Researcher, ATINER.

1. Khadija Elhariri, Professor, Université Cadi Ayyad, Morocco, Bertrand Lefebvre, Claude Bernard Lyon 1, France. Fezouata Biota: The New Chapter between the Cambrian Explosion and the Great Ordovician Biodiversification (Central Anti-Atlas, Morocco).
2. Vsevolod Yutsis, Professor, Instituto Potosino de Investigacion Científica y Tecnológica, A.C., Mexico, Juan Martin Gomez Gonzalez, Researcher, Universidad Nacional Autonoma de Mexico, Mexico, Angel Francisco Nieto Samaniego, Researcher, Universidad Nacional Autonoma de Mexico, Mexico, Erika Nallely Lopez Valdivia, Postgraduate Student, Universidad Nacional Autonoma de Mexico, Mexico & Martha Jeannette Alcantar Pena, Instituto Potosino de Investigacion Científica y Tecnológica, A.C., Mexico. Upper Crustal Structure of Sierra Gorda de Queretaro, Mexico, Derived from Gravity and Magnetic Data.
3. Shujian Xu, Professor, Linyi University, China & Min Zhao, Associate Professor, Linyi University, China. OSL Chronology of Loess in Shandong Area during the late Quaternary.
4. Norbert Magyar, Senior Lecturer, Eötvös Loránd University, Hungary, Balint Polonkai, PhD Student, Eötvös Loránd University, Hungary, József Kovács, Assistant Professor, Eötvös Loránd University, Hungary, Ágnes Görög, Assistant Professor, Eötvös Loránd University, Hungary & Emese Réka Bodor, Research Fellow, MFGI, Geological and Geophysical Collections, Hungary. Classification of Scutellidae Species using Combined Cluster and Discriminant Analysis.

11:00-12:30 Session II (Room C-10th Floor): Geological Exploration, Characterization and Modelling

Chair: Vsevolod Yutsis, Professor, Instituto Potosino de Investigacion Científica y Tecnológica, A.C., Mexico.

1. Andrei Bala, Senior Research Geophysicist, National Institute for Earth Physics, Romania. Crustal Models and Active Fault Systems in Western Part of Romania.

12:30-14:00 Session III (Room C-10th Floor): Geomorphology and Urban Development

Chair: Pawel Lesniak, Professor, Polish Geological Institute – National Research Institute, Poland.

1. Reza Zakerinejad, Post-doc, Isfahan University of Technology, Iran, Saeid Soltani, Isfahan University of Technology, Iran, Koursh Shirani, Isfahan Agricultural and Natural Resources Research and Education Center, Isfahan, Iran & Michael Maerker, Department of Earth and Environmental Sciences, Pavia University, Italy. Integrated Assessment of Gully Erosion Processes, Using Multispectral Remote Sensing, Stochastic Modelling, and GIS-based Morphotectonic Analysis; A Case Study in the Southwest of Iran.
2. Luana Nunes Martins de Lima, PhD Student, Universidade de Brasília, Brazil & Everaldo Batista da Costa, Professor, Universidade de Brasília, Brazil. Between Ruins and Permanences: The Patrimony in the Urbanization's Specificity of Goiás (Brazil).

14:00-15:00 Lunch

15:00-16:30 Session IV (Room C-10th Floor): Characterization and Modelling of Oil Reservoirs

Chair: Oana-Ramona Ilovan, Associate Professor, Babeş-Bolyai University Cluj-Napoca, Romania.

1. Luofu Liu, Professor, China University of Petroleum, China, Fei Xiao, Student, China University of Geosciences, China & Fei Xiao, Staff, Shenyang Geological Survey Center, China. Geochemical Characteristics of Aromatic Hydrocarbons in the Crude Oils from the Chepaizi Area, Junggar Basin, China.
2. Mohammad Hossein Adabi, Professor, Shahid Beheshti University, Iran, Parastoo Safaei, PhD Student, Azad University North Branch, Iran & Mohammad Reza Kamali, Associate Professor, Research Institute of Petroleum Industry, Iran. Petrography and Microfacies of the Fahliyan Formation in Doroud and Abuzar Oil Fields, Persian Gulf.

18:00-19:30 Session V (Room E-10th Floor): A Roundtable Discussion on Teaching Urban Planning and Architecture in a Global World

Chair: Nicholas N. Patricios, Professor & Dean Emeritus, School of Architecture, University of Miami, USA.

1. **Lina Martínez**, Professor, Universidad Icesi Cali, Colombia. Happy City.
2. **Takashi Nakamura**, Associate Professor, Tokyo City University, Japan. Teaching Urban Planning in Japan.
3. **Alan Frishman**, Professor of Economics, Hobart and Wm. Smith Colleges, USA. Teaching an Urban Economics/Urban Studies Class in the U.S.
4. **Anissa Benaiche**, Researcher Associate, Nantes University, France. General Overview of Urban Planners Training In France.
5. **Giulia Pellegrini**, Associate Professor, University of Genoa, Italy. Urban Planning Response-bilities: City, Landscape and Resilience.

For details on the discussion please [click here](#).

21:00-23:00 The Pragmatic Symposium of the Conference as Organized in Ancient Athens with Dialogues, Food, Wine, Music and Dancing but fine tuned to Synchronous Ethics

Tuesday 6 June 2017

07:30-10:30 Session VI: An Educational Urban Walk in Modern and Ancient Athens

Chair: Gregory Katsas, Vice President of Academic Affairs, ATINER & Associate Professor, The American College of Greece-Deree College, Greece.

Group Discussion on Ancient and Modern Athens.

Visit to the Most Important Historical and Cultural Monuments of the City (be prepared to walk and talk as in the ancient peripatetic school of Aristotle)

11:00-12:30 Session VII (Room C-10th Floor): A Panel on Application of Isotope Hydrology Techniques in Assessing Water Resources

Chair: Ibrahim Salaheldin Khedr, Head of GIS and RS Unit, National Water Research Centre (NWRC), Egypt.

1. Pawel Lesniak, Professor, Polish Geological Institute – National Research Institute, Poland. Mean Residence Time of Groundwater in the Vistula and Narew Basins, Poland, by Tritium Approach.
2. Mathieu Sebilo, Assistant Professor, Sorbonne Universités, France. Organic Nitrogen Pool and Nitrate Leaching from Agricultural Soils: Isotopic Tracing ($\delta^{15}\text{N-NO}_3^-$ and $\delta^{18}\text{O-NO}_3^-$).
3. Heike Wanke, Senior Lecturer, University of Namibia, Namibia. Isotopic Characterization of Groundwater from Shallow and Deep Aquifers in Comparison to Surface Water and Precipitation in the Cuvelai Etosha Basin, Namibia.
4. Mohammad Muqtada Ali Khan, Senior Lecturer, Universiti Malaysia Kelantan, Malaysia, Kishan Raj Pillai A/L Mathialagan, Post Graduate Students (Master Level), Universiti Malaysia Kelantan, Malaysia & Zameer Ahmad Shah, Geoscientist, Central Geological Services, Group. Isotope Studies on Mechanisms of Groundwater Recharge in parts of Kelantan Malaysia.
5. Juraj Michalko, Isotope Geologist, Hydrogeologist, State Geological Institute of Dionýz Stúr, Slovakia & Erika Kovacova, Hydrogeologist, State Geological Institute of Dionýz Stúr, Slovakia. A Conceptual Model of the Groundwater in the Pernek Reservoir (Slovakia) Based on the Distribution of Sulphur Isotopes.

12:30-14:00 Session VIII (Room C-10th Floor): Environmental Considerations and Sustainability of Water Resources

Chair: Mathieu Sebilo, Assistant Professor, Sorbonne Universités, France.

1. Ibrahim Salaheldin Khedr, Head of GIS and RS Unit, National Water Research Centre (NWRC), Egypt & Osama Abdel-Raouf, Professor, National Water Research Centre (NWRC), Egypt. Integrated Surface and Subsurface Studies for Water Resources Evaluation in Wadi Dahab Basin, Sinai, Egypt.
2. M. Ali Khalvati, Assistant Professor, Bogazici University, Turkey, M. Meric Tunali, PhD Student, Bogazici University, Turkey, Turgut T. Onay, Academic Member, Bogazici University, Turkey & Orhan Yenigun, Faculty Member, Bogazici University, Turkey. Remove Heavy Metal by Phytoremediation Technique via Microbial Association in Plant Rhizosphere from Contaminated Soil.

14:00-15:00 Lunch

15:00-16:30 Session IX (Room C-10th Floor): A Panel on Territorial Identity and Development

Chair: M. Ali Khalvati, Assistant Professor, Bogazici University, Turkey.

1. Paul Mutica, Associate Professor, Technical University of Cluj-Napoca, Romania. Two Decades of Evolution in Cluj-Napoca's Suburbs.
2. Oana-Ramona Ilovan, Associate Professor, Babeş-Bolyai University Cluj-Napoca, Romania. Roşia Montană, Romania. Territorial Values and Development Initiatives.

21:00- 22:30 Dinner

Wednesday 7 June 2017
Educational Island Tour: (Details during registration)
or
Mycenae and Epidaurus Visit: (Details during registration)

Thursday 8 June 2017
Delphi Visit: (Details during registration)