



Athens Institute for Education and Research
2nd Annual International Conference on Geology
6-9 June 2016, Athens, Greece

Organized by the [Natural & Formal Sciences Research Division](#) of ATINER
and sponsored by the [Athens Journal of Sciences](#)



Conference Venue: [Titania Hotel](#), 52 Panepistimiou Street, 10678 Athens, Greece

Monday 6 June 2016

(all sessions include 10 minutes break)

08:00-08:30 Registration and Refreshments

08:30-09:00 Welcome & Opening Address (ROOM C- Mezzanine Floor)

- Gregory T. Papanikos, President, ATINER.
- George Poulos, Vice-President of Research, ATINER & Emeritus Professor, University of South Africa, South Africa.

09:00-10:30 Session I (ROOM D- Mezzanine Floor): Geology and Tectonics

Chair: Olga Gounta, Researcher, ATINER.

1. [Hassan Eliwa Ibrahim](#), Professor, Minufiya University, Egypt, [Mamoru Murata](#), Professor, Naruto University of Education, Japan, B. Buhler, Institut für Geologie, Germany, Ch. Breitkreuz, Institut für Geologie, Germany, J. Pfänder, Institut für Geologie, Germany, Kh. El-Gameel, Minufiya University, Egypt, S. Mohamed, National Authority for Remote Sensing and Space Sciences (NARSS), Egypt, D. Garbe-Schönberg, Universität Kiel, Germany, F. Hauff, Helmholtz Centre for Ocean Research, Germany & U. Linnemann, Senckenberg Naturhistorische Sammlungen Dresden, Museum für Mineralogie und Geologie, Germany. U-Pb Zircon Geochronology and Sr-Nd-Pb Isotopic Geochemistry of the I- and A-type Intrusions in Gharib Segment, Northern Eastern Desert, Egypt: Implications for Their Origin and Tectonic Setting.
2. [Derya Ayrar Cinar](#), Research Assistant, Sinop University, Turkey & Avery H. Demond, Professor, The University of Michigan, USA. Diffusion of Iodide in Low Permeability Clayey Soils.
3. [Djebbi Marwa](#), Ph.D. Student, Georesources Laboratory, Tunisia & Hakim Gabtni, Associate Professor, Georesources Laboratory, Tunisia. Integration of Gravity and Seismic Methods in the Geometric Characterization of a Dune Reservoir: Case of the Zouaraa Basin (NW Tunisia).

10:30-12:00 Session II (ROOM D- Mezzanine Floor): Computational Methods in Earth Sciences – Management of Geographical Areas

Chair: Hassan Eliwa Ibrahim, Professor, Minufiya University, Egypt.

1. *[Jorge Rocha](#), Auxiliary Professor, IGOT - University of Lisbon, Portugal, Catarina Rodrigo, Researcher, IGOT - University of Lisbon, Portugal, Claudia Viana, Researcher, IGOT - University of Lisbon, Portugal & Angela Barbosa, Researcher, IGOT - University of Lisbon, Portugal. Predictor Variables Effects on Urban Cellular Automata Based Models.

12:00-13:30 Session III (ROOM D- Mezzanine Floor): Stress Factors and Impact on Human Health and Social Factors I

Chair: *Jorge Rocha, Auxiliary Professor, IGOT - University of Lisbon, Portugal.

1. Nicholas Vlachopoulos, Associate Professor, Royal Military College of Canada, Canada & Efrosyni-Maria Skordaki, Researcher, Royal Military College of Canada, Canada. Risk Assessment and Ranking of Small Arms Ranges (SAR) with Significant Environmental Impact on Military Bases.
2. Emma Harris, Lecturer, University of South Africa, South Africa, Engela De Crom, Senior Lecturer, Tshwane University of Technology, South Africa & Ann Wilson, Lecturer, University of South Africa, South Africa. Pigeons and People: Mortal Enemies or Lifelong Companions? A Case Study on Staff Perceptions of the Pigeons on the University of South Africa, Muckleneuk Campus.
3. El Moutassime Sabri, Ph.D. Student, Sultan Moulay Slimane University, Morocco, Ahmed Boukdir, Professor, Sultan Moulay Slimane University, Morocco, Abdallah El Mahboul, Secretary, Minister of Energy, Mining, Water, Morocco, Rachid El Meslouhi, Chef of SIG Department, Hydrological Basin Agency, Morocco, Mustapha Mabrouki, Professor, Sultan Moulay Slimane University, Morocco, Vivien Romaric Ekouele Mbaki, Ph.D. Student, Sultan Moulay Slimane University, Morocco, Abdelhamid Zitouni, Ph.D. Student, Sultan Moulay Slimane University, Morocco, Wissal Baite, Ph.D. Student, Sultan Moulay Slimane University, Morocco & Zhou Echakraoui, Ph.D. Student, Sultan Moulay Slimane University, Morocco. Predicting Soil Erosion and Sediment Yield in Oued El Abid Watershed, Morocco.
4. Ismail Karaoui, Ph.D. Student, University Sultan Moulay Slimane, Morocco. Flood Inundation Mapping of Risk Zones and Identification of Consequences in the future Flood Events at the River Alfet – Oued Al Abid watershed– Using HEC-RAS and HEC-FIA Models.

13:30-14:30 Lunch

14:30-16:00 Session IV (ROOM D- Mezzanine Floor): History, Application and Management in Spatial Planning – Water and Waste Management

Chair: *Jesus J. Lara, Associate Professor, The Ohio State University, USA.

1. Paul Claval, Emeritus Professor, University of Paris-IV (Paris-Sorbonne), France & Colette Jourdain-Annequin, Emeritus Professor, University of Grenoble, France. For Whom the Mediterranean Sea is “Our” Sea?
2. Franciane Araujo de Oliveira, Ph.D. Student, Universidade Federal de Goiás, Brazil & Celene Cunha M. Antunes Barreira, Professor, Universidade Federal de Goiás, Brazil. The Water Uses in the Multiple Actors' Representation: A Territorial Approach of Rio Doce's Medium Course Watershed in Southwest Part of Goiás.
3. *Mirela Tase, Lecturer, University of Durres, Albania. The Tourism Potential of Lagoon Ecosystems along the Adriatic Coast Provide.

16:00-17:30 Session V (ROOM D- Mezzanine Floor): Sedimentology, Stratigraphy and Paleography

Chair: *Mirela Tase, Lecturer, University of Durres, Albania.

1. Jingeng Sha, Professor, Nanjing Institute of Geology and Paleontology, China. Pan-Tropical Distribution of Mesozoic Bivalves: Palaeogeographic Implications.
2. Xin Rao, Assistant Professor, Nanjing Institute of Geology and Paleontology, China, Jingeng Sha, Professor, Nanjing Institute of Geology and Paleontology, China & Huawei Cai, Nanjing Institute of Geology and Paleontology, China. Discovery of *Auroradiolites biconvexus* (Bivalvia: Hippuritida) from the Mid-Cretaceous Sangzugang Formation in the Xigaze Forearc Basin, Lhasa Block.
3. Mihaela Melinte-Dobrinescu, Senior Researcher, National Institute of Marine Geology and Geo-ecology, Romania, Titus Brustur, Senior Researcher, National Institute of Marine Geology and Geo-ecology, Romania & Ion Stanescu, Geologist, National Institute of Marine Geology and Geo-ecology, Romania. From Black Shales to Red Shales: A Tale of Anoxic to Oxic Changes in the Eastern Carpathians.

17:30-19:00 Session VI (ROOM B- Mezzanine Floor): History, Application and Management in Spatial Planning – Territorial Planning and Management

Chair: Paul Claval, Emeritus Professor, University of Paris-IV (Paris-Sorbonne), France.

1. *Sayed Sharaf, Researcher, Abu Dhabi Systems and Information Centre, UAE & Pere Serra, Lecturer, Universitat Autònoma de Barcelona, Spain. Charge Detection in Al-Ain Region.
2. *Ana Peric, Post-doc Fellow, Swiss Federal Institute of Technology, Switzerland & Bernd Scholl, Professor, Swiss Federal Institute of Technology, Switzerland. Transnational Cooperation in Europe: The Example of Integrated Spatial and Transport Development along the Hamburg-Athens Corridor.
3. Paulo Irineu Barreto Fernandes, Professor, Federal Institute Triângulo Mineiro (Campus Uberlândia, MG), Brazil. Geophilosophy: Is There a Geographical Primacy of Thought?

21:00-23:00 Greek Night and Dinner (Details during registration)

Tuesday 7 June 2016

09:30-11:00 Session VII (ROOM D- Mezzanine Floor): Computational Methods in Earth Sciences – Computational Methods in Weathering

Chair: Emma Harris, Lecturer, University of South Africa, South Africa.

1. Zaitao Pan, Professor, Saint Louis University, USA. Current and Future Precipitation Extremes Over Mississippi and Yangtze River Basins. (Tuesday June 7, 2016)
2. Catalina Perea Pineda, Student, Universidad Industrial de Santander, Colombia. Static Corrections for Weathering Layer using Wave Equation Datuming and Delay Time Techniques.
1. Solomon Eghosa Uzunamure, Ph.D. Candidate, University of Venda, South Africa. Fuel Wood Choice by Households, Driving Force and Health Implications. A Case of South Africa as a Developing Country.

11:00-14:00 Educational and Cultural Urban Walk Around Modern and Ancient Athens (Details during registration)

14:00-15:00 Lunch

15:00-16:30 Session VIII (ROOM D- Mezzanine Floor): Pure and Applied Geophysical Studies

Chair: Zaitao Pan, Professor, Saint Louis University, USA.

1. Dhekra Khazri, Ph.D. Student, Georesources Laboratory, Tunisia & Hakim Gabtni, Associate Professor, Georesources Laboratory, Tunisia. Determination of Aquifer Geometry using Geophysical Methods: A Case Study from Sidi Bouzid Basin (Central Tunisia).
2. *Valery Korepanov, Scientific Director, Lviv Center of Institute for Space Research, Ukraine & Vira Pronenko, Head of Department, Lviv Center of Institute for Space Research, Ukraine. Electromagnetic Pollution of Earth's Ionosphere.

16:30-18:00 Session IX (ROOM D- Mezzanine Floor): Special Topics

Chair: *Valery Korepanov, Scientific Director, Lviv Center of Institute for Space Research, Ukraine

1. Marluce Silva Sousa, Professor, Instituto Federal de Educação, Brazil, Iraci Scopel, Professor, Universidade Federal de Goiás, Brazil & Dimas Moraes Peixinho, Professor, Universidade Federal de Goiás, Brazil. Regional Diversity and Inequality in Brazil.
2. Carlos Rios, Lecturer, Universidad Industrial de Santander, Colombia, Oscar Mauricio Castellanos-Alarcón, Universidad de Pamplona, Colombia & Carlos Augusto Zuluaga-Castrillón, Universidad Nacional de Colombia, Colombia. A Rare Al_2SiO_5 Triple Point in Metapelitic Rocks of the Silgará Formation, Santander Massif (Colombia).
1. Mohamed Benzaggagh, Professor, University Moulay Ismail, Morocco, Mohamed Oumhamed, University Moulay Ismail, Morocco, Bruno Ferré, Dame du Lac, France & Jean-Louis Latil, Le Maupas, France. Late Albian Ammonites and Biozones of the Oyster Shelly Marls and Limestones Formation from the South Rifian Ridges (Northern Morocco).
2. Saureesh Das, Ph.D. Student, University School of Basic and Applied Sciences, India & Rashmi Bhardwaj, Professor, University School of Basic and Applied Sciences, India. Complexity Analysis of Atmospheric Element in Ecology.

21:00-22:30 Dinner (Details during registration)

Wednesday 8 June 2016
Cruise: (Details during registration)

Thursday 9 June 2016
Delphi Visit: (Details during registration)