



Athens Institute for Education and Research

Annual International Conferences on Earth, Geology, and Geography, 1-4 June 2015, Athens, Greece

Organized by ATINER's [Natural & Formal Sciences Research Division](#)

Conference Venue: [Titania Hotel](#), 52 Panepistimiou Street, 106 78 Athens, Greece

Monday 1 June 2015

(all sessions include 10 minutes break)

08:00-09:00 Registration and Refreshments

09:00-09:15 (ROOM C) Welcome & Opening Remarks

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

09:15-11:00 Session I (ROOM C): Environmental Issues I

Chair: Olga Gkounta, Researcher, ATINER.

1. *Serwan Baban, Professor and Vice Chancellor, Cihan University, Iraq. Managing the Impacts of Planned Urbanisation on Sustainable Agriculture in Kurdistan Region, Iraq. (GEL)
2. [Rafael Ferreira da Costa](#), Professor, Universidade Federal Rural da Amazonia, Brazil, Joao Athaydes Silva Junior, Professor, Universidade Federal do Para, Brazil & Leonidas Leao Velloso, Professor, Universidade Federal Rural da Amazonia, Brazil. Events Urban Heat Island in Middle Porte City in the Amazon Basin: The Parauapebas Case of Para, Brazil. (ERT)
3. *Ta Wee Seow, Associate Professor, University Tun Hussein Onn Malaysia, Malaysia. The Governance of Solid Waste Management in Malaysia: An Insight towards Sustainable Development. (ERT)

11:00-13:00 Session II (ROOM C): Geotechnologies/Applications I

Chair: *Ta Wee Seow, Associate Professor, University Tun Hussein Onn Malaysia, Malaysia.

1. *[Angelo Lampousis](#), Lecturer, City University of New York, USA, Neil Terry, Ph.D. Student, Rutgers University in Newark, USA & Lee Slater, Professor and Chair, Rutgers University in Newark, USA. Examination of Geophysical Signatures of Ethanol-Water Mixtures in a Homogeneous Sand Column Using Ground Penetrating Radar and Time-Domain Reflectometry. (GEL)
2. Galo Valdebenito, Vice-Dean, Universidad Austral de Chile, Chile, Andres Iroume, Vice-Dean, Universidad Austral de Chile, Chile, David Alvarado, Associate Professor, Universidad Austral de Chile, Chile, Carlos Jara, Associate Collaborator, Universidad Austral de Chile, Chile, Carlos Fuentes, Associate Collaborator & Daniel Antileo5, Montero, I., Associate Collaborator, Universidad Austral de Chile, Chile. Application of Ground Penetrating Radar (GPR) to Characterize Volcanic Induced Sediment and Dead Wood Deposits: A Study Case at Blanco River, Chilean Patagonia. (GEL)
3. Lubos Matejcek, Assistant Professor, Charles University in Prague, Czech Republic. Spatio-temporal Modelling of Vegetation Propagation linked to GIS. (GEO)
4. [Norbert Simon](#), Researcher and Lecturer, National University of Malaysia, Malaysia, Mohd Fahmi Abdul Ghani, National University of Malaysia, Malaysia, Goh Thian Lai, National University of Malaysia, Malaysia, Abdul Ghani Rafek, National University of Malaysia, Malaysia, Azimah Hussin, National University of Malaysia, Malaysia, Lee Khai Ern, National University of Malaysia, Malaysia & Rodeano Roslee, University Malaysia Sabah, Malaysia. Geological Lineament Density and Its Association with Rock Mass Strength in the Kinta Valley, Malaysia. (Monday, 1st of June 2015, Morning Session) (GEL)

13:00-14:00 Lunch

14:00-16:00 Session III (ROOM C): Territorial Development & Geography

Chair: Rafael Ferreira da Costa, Professor, Universidade Federal Rural da Amazonia, Brazil.

1. Roberto Chiarella, Associate Professor, Pontificia Universidad Catolica Del Peru, Peru. Amazon Integration and Territorial Development. A New Perspective on the Tri Border Management between Peru, Brazil and Bolivia. (GEO)
2. Ryan Galt, Associate Professor, University of California, Davis, USA. Place-Based Agrifood Systems: a Regional Analysis of Community Supported Agriculture (CSA) in California, USA. (GEO)
3. Helena Midori Kashiwagi, Professor, Federal University of Parana, Brazil. Contributions of Homonym Signs to the Reading of the Landscape. (GEO)
4. Gustavo Barrantes Castillo, Assistant Manager, School of Geographical Sciences, National University, Costa Rica. Multi-hazards Heuristic Assessment for Less Developed Countries; The Poas Case, Costa Rica. (GEO)
5. Jose de Ribamar Sa Silva, Associate Professor, Federal University of Maranhao, Brazil & Benjamin Alvino de Mesquita, Associate Professor, Federal University of Maranhao, Brazil. The Recent Agrarian Dynamic in Brazilian Amazon: Commodities Production and Space Reorganization. (GEO)

16:00-17:30 Session IV (ROOM C): Geological Processes I

Chair: Lubos Matejcek, Assistant Professor, Charles University in Prague, Czech Republic.

1. *Bezhan Tutberidze, Professor, Tbilisi State University, Georgia & *Mariam Akhalkatsishvili, Assistant Professor, Tbilisi State University, Georgia. Low-Temperature Hydrothermal Alteration of Dolerites from the Djavakheti Plateau (Georgia). (ERT)
2. Ali Hossein Jalilian, Assistant Professor, Payame Noor University, Iran. Base-Level Changes as a Major Control on Sedimentation of the Neogene Molasse Deposits of the Zagros Basin, SW Iran. (GEL)
3. *Nasser Arzani, Professor, Payme Noor University, Iran & Stuart Jones, Department of Earth Sciences, Durham University, U.K. Dryland Alluvial Megafans as Archives of Evolution of Continental Sedimentary Basins: Quaternary Examples From, Central Iran. (GEL)

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

Tuesday 2 June 2015

08:00-10:00 Session V (ROOM C): Education, Migration, Cultural and Social Movements

Chair: *Serwan Baban, Professor and Vice Chancellor, Cihan University, Iraq

1. *Carles Carreras, Professor, University of Barcelona, Spain, Sergi Martinez-Rigol, Lecturer, University of Barcelona, Spain, Lluís Frago, Lecturer, University of Barcelona, Spain & Alejandro Morcuende, Ph.D. Student, University of Barcelona, Spain. Cities, Public Space and Citizenship. Some Contemporary Mediterranean Urban Social Movements. (GEO)
2. Cristobal Mendoza, Professor, Universidad Autonoma Metropolitana, Mexico. Place Attachments, Social Networks and Mexican Urban Migration. (GEO)
3. Rodrigo Giraldo Cocco, Ph.D. Student, Federal University of Santa Catarina, Brazil. Relationships between Public Transportation and Power Pacts in the Great Florianópolis, Brazil: The Interpretation about the Facts of June, 2013 from the Marxist Theory of Social Formation. (GEO)
4. Paulo Irineu Barreto Fernandes, Professor, Federal Mining Triangle Institute, Brazil & Rosselvelt Jose Santos, Professor, Federal University of Uberlandia, Brazil. Place and Topophilic Feelings in Railway Passengers of the Triângulo Mineiro Region - Minas Gerais, Brazil. (Tuesday, 2nd of June 2015) (GEO)
5. Rajasekhar Ramakrishnan, Senior Research Scientist, Columbia University, USA. A State Space Transformation Can Yield Identifiable Models in Tracer Kinetics. (Tuesday, 2nd of June, 2015, Morning Session) (ERT)

10:00-11:30 Session VI (ROOM C): Soil, Water and Other Essays

Chair: *Carles Carreras, Professor, University of Barcelona, Spain

1. *Serwan Baban, Professor and Vice Chancellor, Cihan University, Iraq. Revitalising Agriculture and Water Sectors in the Kurdistan Region, Iraq. (GEO)
2. Sultana Naheed, Associate Professor, Kanpur University, India. Fluoride Distribution in Groundwaters and Prevalence of Fluorosis in Unnao District, India. (ERT)
3. Peter Hanajik, Researcher, Comenius University, Slovakia, Milan Zvarík, Senior Lecturer, Comenius University, Slovakia & Hannu Fritze, Senior Researcher, Natural Resources Institute Finland (Luke), Finland. Shift of PLFA's in the Forest Soils at the Wind throw Area in the Biospheric Reservation of the Tatras. (ERT)

11:30-13:00 Session VII (ROOM C): Environmental Issues II

Chair: *Moshe Inbar, Professor Emeritus, University of Haifa, Israel

1. Camilo Lesmes Fabian, Professor, Saint Thomas Aquinas University, Colombia, Jefferson Rodriguez Chaparro, Research Assistant, Saint Thomas Aquinas University, Colombia & Maria Rojas Lombana, Research Assistant, Saint Thomas Aquinas University, Colombia. Glyphosate Flow Analysis in Banana Crops for the Environmental Risk Assessment in the Caribbean Region in Colombia. (ERT)
2. Ionela Corina Dedita Chirileasa, PhD student, University of Bucharest, Romania. The Role of University in the Development of the Human Capital in Line with the Needs of the Insertion Environment - Case Study: Stefan Cel Mare University of Suceava, Romania. (GEO)
3. Gerardo David Azocar Garcia, Professor, University of Concepcion, Chile, Robinson Torres, Ph.D. Candidate, Arizona State University, USA, Aldo Montecinos, Associate Professor, University of Concepcion, Chile & Jorge Rojas, Professor, University of Concepcion, Chile. Vulnerability and Resistance to Neoliberal Environmental Changes: An Assessment of Agriculture and Forestry in the Biobío Region of Chile (1974-2014). (Tuesday, 2nd of June 2015) (GEO)
4. Maria Rojas Lombana, Research Assistant, Saint Thomas Aquinas University, Colombia, Camilo Lesmes Fabian, Professor, Saint Thomas Aquinas University, Colombia & Jefferson Rodriguez Chaparro, Research Assistant, Saint Thomas Aquinas University, Colombia. Pesticide Flow Analysis in the Tota Lake Watershed in the Boyaca Region in Colombia. (ERT)

13:00-14:00 Lunch

14:00-15:00 Session VIII (ROOM C): Geological Processes II

Chair: *Bezhan Tutberidze, Professor, Tbilisi State University, Georgia

1. *Moshe Inbar, Professor Emeritus, University of Haifa, Israel. Human Impact in Geomorphic Processes since Paleolithic Times in the Middle East - The Israeli Case. (GEL)
2. Beatriz Gonzalez-Corrochano, Research Staff, University of Castilla La Mancha, Jacinto Alonso-Azcarate, Associate Professor, University of Castilla La Mancha, Spain, Luis Rodriguez, Associate Professor, University of Castilla La Mancha, Spain, Spain, Agripino Perez, Head of Materials Department and coordinator of Toledo Center, AITEMIN, Spain, Avelino Tirado, Head of Aggregates and Natural Stone Area, AITEMIN, Spain, Maria Fernandez Torio, R&M Manager, Arcillas Refractarias, S.A. (ARCIRESA), Spain & Juan Jose Tejado Ramos, Department Coordinator, INTROMAC, Spain. Valorisation of Waste Water Treatment Plants and Aggregates Processing Sludges for Lightweight Aggregates Production. (GEL) (Tuesday)

15:00-16:00 Session IX (ROOM C): Geotechnologies/Applications II

Chair: George Poulos, Vice-President of Research, ATINER & Emeritus Professor, University of South Africa, South Africa.

1. *Tamer Rizaoglu, Assistant Professor and Vice Dean of Engineering and Architecture Faculty, Kahramanmaraş Sutcu Imam University, Turkey & Gulay Arican, Research Assistant, Kahramanmaraş Sutcu Imam University, Turkey. The Production of Polyester Binding Molded Granitoid from the Arenitized Essence Granitoid (Afşin-Kahramanmaraş/Turkey). (Tuesday, 2nd of June 2015) (GEL)
2. Sara Hassanzadeh, MSc Student, Azad University, Iran, Adabi, M.H, Professor, Shahid Beheshti University, Iran, Kohansal, N., Assistant Professor, Azad University, Iran & Jallali, M., Ph.D Student, Shahid Beheshti University, Iran. Petrographic and Geochemical Evidence for Original Aragonite Mineralogy of the Qoom Formation, as the Best Hydrocarbon Potential, in Central Iran, Evane-Kay City (Garmsar). (GEL)

16:30-19:00 Urban Walk (Details during registration)

20:30- 22:00 Dinner (Details during registration)

Wednesday 3 June 2015
Cruise: (Details during registration)

Thursday 4 June 2015
Delphi Visit: (Details during registration)