



13th Annual International Symposium on Environment, 28-31 May 2018, Athens, Greece
Organized by the [Environment Unit](#) and the [Center for Environmental Pollution, Climate & Ecology](#)
Sponsored by the [Athens Journal of Sciences](#)

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

Monday 28 May 2018

08:00-08:45 Registration and Refreshments

08:45-09:30 (Room C - 10th Floor): Welcome and Opening Address

Gregory T. Papanikos, President, ATINER.

Nicholas Pappas, Vice President of Academic Membership, ATINER & Professor of History, Sam Houston University, USA.

09:30-11:00 Session I (Room A - 10th Floor): Water Resources and Wastewater Treatment

Chair: Olga Gkounta, Researcher, ATINER.

1. [Jan Schwarzbauer](#), Professor, RWTH Aachen University, Germany, Larissa Dsikowitzky, Senior Scientist, RWTH Aachen University, Germany & Piero Bellanova, PhD Student, RWTH Aachen University, Germany. Tracing the Organic Pollution of Coastal Areas in Space and Time with Molecular Indicators.
2. [Roland Leduc](#), Professor, Université de Sherbrooke, Canada & Jean-Claude Labbe, Student, Université de Sherbrooke, Canada. Comparative Coagulation-Flocculation Treatment of Leachate from Municipal Solid Waste with Alum and Chitosan.
3. Sam Andriani, Professor – Research Scientist, Andriani Institute Research Center, USA. Photochemical Transformation of Polycarboxylic Acids Induced by Complexation with Ferric and Cupric Ions in Aqueous Solution.

11:00-12:30 Session II (Room A - 10th Floor): Air Pollution

Chair: Krassi Rumchev, Deputy Director, WHO Collaboration Centre for Environmental Health Impact Assessment, Curtin University, Australia.

1. Paola Palestini, Associate Professor, Università degli Studi di Milano-Bicocca, Italy. Oxidative Stress and Inflammation Induced by Acute and sub-Acute UFPs Exposures: Contribution to Neurodegenerative Disease Onset.
2. Sanda Voinea, Assistant Professor, University of Bucharest, Romania. The Comparative Study of Aerosol Properties at Eforie Nord (Romania) and Athens (Greece) using AERONET Data.
3. [Shyam Pariyar](#), Researcher, Universität Bonn INRES, Germany & Georg Noga, Professor, Universität Bonn INRES, Germany. Do Pollution Particles Matter for Plant Health Grown under Peri Urban Environment and Changing Climate?
4. Xiaoxiao Liu, Postgraduate, Beijing Forestry University, China. Distribution Characteristics of Air Quality Index in Beijing in 2016.

12:30-14:00 Session III (Room A - 10th Floor): Waste Management

Chair: Roland Leduc, Professor, Université de Sherbrooke, Canada.

1. Dimitri Tamalis, Professor and Chair, California State University, San Bernardino, USA & Sheldon Landsberger, Professor, University of Texas at Austin, USA. The Presence of Naturally Occurring Radioactive Material in the Oil and Gas Industry in Texas and Implications for Public Health.
2. Marzena Smol, Assistant Professor, Mineral and Energy Economy Research Institute, Polish Academy of Sciences, Poland. Presentation of Circular Economy Assumptions in the Phosphorus Management.
3. Graziela Ferreira Guarda, Professor, Universidade Católica de Brasília, Brazil, Luiz Fernando Whitaker Kitajima, Professor, Universidade Católica de Brasília, Brazil & Beatriz Rodrigues de Barcelos, Professor, Universidade Católica de Brasília, Brazil. EPR for e-Waste Efficiency in Brazil and USA: A Comparative Analysis.

14:00-15:00 Lunch

15:00-16:30 Session IV (Room A - 10th Floor): Coastal Erosion

Chair: Marzena Smol, Assistant Professor, Mineral and Energy Economy Research Institute, Polish Academy of Sciences, Poland.

1. Patrick Aiken, Secretary / Regional Coordinator, Coastal Residents Association Incorporated / New South Wales Coastal Alliance, Australia. Community Engagement and Consultation in Coastal Management.
2. Lorenzo Mentaschi, Scientific Officer, Joint Research Centre, European Commission, Italy, Michalis Voudoukas, Joint Research Centre, European Commission, Italy, Jean-Francois Pekel, Joint Research Centre, European Commission, Italy, Evangelos Voukouvalas, Joint Research Centre, European Commission, Italy & Luc Feyen, Joint Research Centre, European Commission, Italy. Global Long-term Patterns of Coastal Erosion and Accretion.

16:30-18:30 Session V (Room C - 10th Floor): ATINER's 2018 Series of Academic Dialogues: A Symposium Discussion on the Challenges of Teaching at Higher Education Institutes in a Globalized World

Chair: Nicholas Pappas, Vice President of Academic Membership, ATINER & Professor of History, Sam Houston University, USA & Patricia Hanna, Head, Philosophy Unit of ATINER & Professor, University of Utah, USA.

Invited Speakers:

1. **Robin Root**, Professor, City University of New York, USA. *"Teaching Global: Meanings and Methods"*.
2. **Peter Siska**, Professor, University of St. Cyril and Methodius, Slovakia. *"Spatial and Temporal Comparative Analyses of Teaching Effectiveness and its Future in Higher Education"*.
3. **Tennyson Samraj**, Professor, Burman University, Canada. *"The Challenges Involved in Teaching Post-Modern Minds"*.
4. **Changming Duan**, Professor, University of Kansas, USA. *"How to Integrate a True International Perspective in Teaching Psychology?"*
5. **Mark Ludorf**, Professor, Stephen F. Austin State University, USA. *"Addressing Student Heterogeneity in the Classroom"*.

21:00-23:00 Greek Night and Dinner

Tuesday 29 May 2018

07:45-11:00 Session VI: An Educational Urban Walk in Modern and Ancient Athens

Chair: Gregory A. 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)

11:15-13:00 Session VII (Room A - 10th Floor): Environmental Impact Evaluation & Remediation

Chair: Peter Siska, Professor, University of St. Cyril and Methodius, Slovakia.

1. Saif Uddin, Senior Research Scientist, Kuwait Institute for Scientific Research, Kuwait, Montaha Behbehani, Senior Research Scientist, Kuwait Institute for Scientific Research, Kuwait & Abdulnabi Al-Ghadban, Senior Research Scientist, Kuwait Institute for Scientific Research, Kuwait. An Experimental Simulation of Climate Change to Assess Gross Calcification of Arabian Gulf Corals.
2. Terezinha C. de Brito Galvao, Professor, Spelman College, USA, Arnaldo Teixeira Coelho, Director, Ingá Engenharia, Brazil, Gustavo Borel de Menezes, Professor, California State University, USA & Ênio Marcus Brandão de Fonseca, Director, Centrais Elétricas de Minas Gerais, Brazil. Study of Erosion Control Techniques Applied to Hydroelectric Power Plants Reservoir Margins.
3. Emmanuel Iyiegbuniwe, Professor & Director of Public Health, California State University San Marcos, USA & Alexander Ufelle, Assistant Professor, Slippery Rock University, USA. Noise Exposure Assessment for University Police Officers during Rifle and Shotgun Qualifications.
4. Nadezhda Kudryasheva, Professor, Institute of Biophysics (IBP), SB RAS, Russia, T.V. Rozhko, Siberian Federal University, Russia, A.S. Petrova, Institute of Biophysics (IBP), SB RAS, Russia & G.A. Badun, Moscow State University, Russia. Luminous Marine Bacteria as a Tool for Study Toxic and Activation Effects of Low-Level Radiation.

13:00-14:00 Lunch

14:00-15:30 Session VIII (Room A - 10th Floor): Air/Atmospheric Pollution Evaluation and Abatement

Chair: Saif Uddin, Senior Research Scientist, Kuwait Institute for Scientific Research, Kuwait.

1. Krassi Rumchev, Deputy Director, WHO Collaboration Centre for Environmental Health Impact Assessment, Curtin University, Australia. Exposure Assessment to Air Pollutants during Car Idling at Primary Schools.
2. Peter Siska, Professor, University of St. Cyril and Methodius, Slovakia, Vaughn Bryant, Professor, Texas A&M University, USA & Pierre Goovaerts, Chief Scientist, BioMedware, USA. Pollen Distribution Patterns and Their Relationship to Geomorphology.
3. Masoumeh Mofarrah, PhD Student, Zhejiang University, China. Micro Gas Cyclone Design and Performance Evaluation to Collect Dust Particles.

20:00- 21:30 Dinner

**Wednesday 30 May 2018
Mycenae and Island of Poros Visit**

**Thursday 31 May 2018
Delphi Visit**

**Friday 1 June 2018
Ancient Corinth and Cape Sounion**

All ATINER's conferences are small events which serve the mission of the association (<https://www.atiner.gr/mission>) under the guidance of its Academic Committee (<https://www.atiner.gr/academic-committee>) which sets the policies (<http://www.atiner.gr/acceptance>). In addition, each conference has its own academic committee. Members of the committee include all those who have evaluated the abstract-paper submissions and have chaired the sessions of the conference. The members of the academic committee of the 13th Annual International Symposium on Environment, 28-31 May 2018, Athens, Greece, were the following:

1. Gregory T. Papanikos, President, ATINER.
2. Nicholas Pappas, Vice President of Academic Membership, ATINER & Professor of History, Sam Houston University, USA.
3. Nicolas Abatzoglou, Head, Environment Unit, ATINER & Professor, Department of Chemical & Biotechnological Engineering, Université de Sherbrooke, Canada, Chair Pfizer, PAT in Pharmaceutical Engineering, Director GREEN-TPV and GRTP-C & P.
4. Saif Uddin, Director, Center for Environmental Pollution, Climate & Ecology (CEPCE), ATINER & Senior Research Scientist, Kuwait Institute for Scientific Research, Kuwait.
5. Patricia Hanna, Head, Philosophy Unit of ATINER & Professor, University of Utah, USA.
6. Krassi Rumchev, Academic Member, ATINER & Deputy Director, WHO Collaboration Centre for Environmental Health Impact Assessment, Curtin University, Australia.
7. Peter Siska, Professor, University of St. Cyril and Methodius, Slovakia.
8. Roland Leduc, Professor, Université de Sherbrooke, Canada.
9. Hanen Saidi, Academic Member, ATINER & Associate Professor, University Tunis El Manar, Tunisia.
10. Marzena Smol, Assistant Professor, Mineral and Energy Economy Research Institute, Polish Academy of Sciences, Poland.
11. Vassilis Skianis, Research Associate, ATINER.
12. Olga Gkounta, Researcher, ATINER.

The Organizing Committee of the conference was:

1. Hannah Howard, Research Assistant, ATINER.
2. Despina Katzoli, Researcher, ATINER.
3. Eirini Lentzou, Administrative Assistant, ATINER.
4. Konstantinos Manolidis, Administrator, ATINER.
5. Kostas Spyropoulos, Administrator, ATINER.