



Athens Institute for Education and Research
A World Association of Academics & Researchers



12th Annual International Symposium on Environment, 22-25 May 2017, Athens, Greece

Organized by the **Environment Research Unit**

Sponsored by the **Athens Journal of Sciences**

Conference Venue: The Stanley Hotel, 1 Odiseos street, Karaiskaki Square, 104 37 Athens (close to Metaxourgeio metro station)

Monday 22 May 2017

08:00-09:00 Registration and Refreshments

09:00-09:30 (Room C-Mezzanine Floor) Welcome and Opening Address

Gregory T. Papanikos, President, ATINER.

09:30-11:00 Session I (Room A – Ground Floor): Land, Soil & Agriculture

Chair: Olga Gkounta, Researcher, ATINER.

1. George Antonious, Professor, Kentucky State University, USA. Impact of Recycled Manure on Soil Enzymes and Crop Antioxidants Content.
2. Levent Basayigit, Professor and Head, Soil Science and Plant Nutrition Department, Suleyman Demirel University, Turkey. Prediction of N Deficiency in Peach Trees Using Environmentally Friendly Techniques: VNIR Spectroscopy.
3. Stephen Van Vleet, Regional Extension Specialist, Washington State University, USA. Restoration of Lands in Rest using Managed Grazing.

11:00-12:30 Session II (Room A – Ground Floor): A Panel on Air Pollution

Chair: George Antonious, Professor, Kentucky State University, USA.

1. Raimonda Totoni (Lilo), Head of Chemistry Department, Polytechnic University of Tirana, Albania, Edlira Baraj, Lecturer, Polytechnic University of Tirana, Albania, Vanela Prifti, Head of Laboratory, National Environmental Agency, Albania & Gjystina Fusha, Air Expert, National Environmental Agency, Albania. Study of PM_{2.5} and PM₁₀ Mass Concentration in Korça City.
2. Gwynn MacCarrick, Lecturer, University of Tasmania, Australia. International Monsanto Tribunal; Its Significance its Findings with Respect to the Crime of Ecocide.
3. Eli Zaady, Researcher, Institute of Plant Sciences, Israel, Itzhak Katra, Ben-Gurion University of the Negev, Israel, Shlomo Sarig, The Katif Research Center, Israel, Shimshon Shuker, Institute of Plant Sciences, Israel & Yaakov Knoll, Institute of Plant Sciences, Israel. Examination of the Ecological Services of Planted Forests Bordering on Farmlands in Minimizing Leakage of Pesticides.

12:30-14:00 Session III (Room B – Ground Floor): Environment, the Industry and the Economy

Chair: Nicolas Abatzoglou, Head, Environment Research 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.

1. Roland Leduc, Professor, Université de Sherbrooke, Canada, Marion Landry Carter, Graduate Student, Université de Sherbrooke, Canada, Hubert Cabana, Professor, Université de Sherbrooke, Canada & Amina Nait Sidi Ahmed, Professional Engineer, CRB Innovations Inc, Canada. Oxidation Processes for the Decontamination of Wastewaters from a Treated Wood Recycling Industry.
2. Mohammed Abdulradh, PhD Student, University of Baghdad and Ministry of Agriculture, Iraq, Osamah Kadhim Jbara, University of Baghdad, Iraq, Boubaker Dhehibi, International Center for Agricultural Research in the Dry Areas, Jordan & Kamel Shideed, International Center for Agricultural Research in the Dry Areas, Jordan. Technical and Environmental Efficiency of Wheat Farms in Saline Irrigated Areas of Central Iraq.
3. Deniz Dolgen, Professor, Dokuz Eylul University, Turkey & Mehmet Necdet Alpaslan, Professor, Dokuz Eylul University, Turkey. An Ecological Approach to Managing Industrial Wastewater Treatment Plant Sludges.

14:00-15:00 Lunch

15:00-16:30 Session IV (Room A – Ground Floor): Health and Food Issues

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

1. Colin Seymour, Professor, McMaster University, Canada. The Effects of Chronic Exposure to Environmentally Relevant Activities of ²²⁶Ra.
2. Alexandria Rivard, PhD Candidate, Texas A&M University at Galveston, USA & Wyndylyn von Zharen, Professor Emeritus, Texas A&M University at Galveston, USA. Fishing Gear and Set Methodology Models for Improving Target Species Catch success in Gulf of Mexico Longline Reef Fish Fisheries.
3. Camilla Sjors, PhD Student / Nutritionist, Karolinska Institutet, Sweden. Nutrient Intake and Greenhouse Gas Emissions of Current Food Habits in Sweden – Results from a National Diet Survey using 4-day Food Records.

16:30-18:30 Session V (Room C-Mezzanine Floor): A Symposium on Ethics, Economics and Environment

Chair: Panagiotis Petratos, Professor, Department of Computer Information Systems, California State University, Stanislaus, USA.

1. Patricia Hanna, Professor and Interim Chair of Linguistics, University of Utah, USA. Neither Love nor Money: What could save the Environment?
2. Frans P. de Vries, Professor, University of Stirling, U.K. Ethics and Environmental Markets.
3. Timothy M. Young, Professor and Graduate Director, Department of Forestry, Wildlife and Fisheries, Center for Renewable Carbon, The University of Tennessee, USA. Protecting Ethics, Economies, and the Environment in the Era of the Digital Citizen and Exponential Population Growth.
4. Nicolas Abatzoglou, Professor, Department of Chemical & Biotechnological Engineering, Université de Sherbrooke, Canada, Chair Pfizer, PAT in Pharmaceutical Engineering, Director GREEN-TPV and GRTP-C & P. Produce Fuels from Renewable Resources.

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

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

Tuesday 23 May 2017

07:30-10:30 Session VI (Room B-Ground Floor): 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)

(Note: The simple registration fee of the conference does not cover the cost of this session. More details during registration).

11:30-13:00 Session VII (Room A – Ground Floor): Materials

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

1. Salim Hiziroglu, Professor, Oklahoma State University, USA & Aujchariya Chotikhun, PhD Student, Oklahoma State University, USA. Characterization of Wood Composite Panels Manufactured Using Modified Starch as Green Binder.
2. Kunio Yoshikawa, Professor, Tokyo Institute of Technology, Japan. Commercial Demonstration of Solid Fuel Production from Municipal Solid Waste by the Hydrothermal Treatment.
3. Alperen Kaymakci, Assistant Professor, Kastamonu University, Turkey & Nadir Ayrimis, Professor, Istanbul University, Turkey. Characterization of Wood Plastic Nanocomposites Reinforced with Sepiolite Nano Fibers.

13:00-14:00 Lunch

14:00-15:30 Session VIII (Room A – Ground Floor): Special Technical Topics on Environmental Issues

Chair: Salim Hiziroglu, Professor, Oklahoma State University, USA.

1. Xiao-Quan Chen, Associate Professor, South-China University of Technology, China, Wen-Hao Shen, Technical Director, South-China University of Technology, China & Shi-Bin Wu, Student, South-China University of Technology, China. Advanced Treatment of Papermaking Wastewater by Photocatalytic Oxidation with Nano-TiO₂ Colloids.
2. Saif Uddin, Senior Research Scientist, Kuwait Institute for Scientific Research, Kuwait, Abdulaziz Aba, Kuwait Institute for Scientific Research, Kuwait, M. Behbehani, Kuwait Institute for Scientific Research, Kuwait, H. Al-Shammari, Kuwait Institute for Scientific Research, Kuwait & A.N. Al-Ghadban, Kuwait Institute for Scientific Research, Kuwait. Cesium and Plutonium in Gulf Waters.

15:30-17:00 Session IX (Room A – Ground Floor): A Panel on Impacts of Low Level Exposure to Radiation on Ecosystems

Chair: Carmel Mothersill, Professor, McMaster University, Canada.

1. Grzegorz Cieslar, Professor, Medical University of Silesia in Katowice, Poland, Dorota Stoltny, Assistant, Medical University of Silesia in Katowice, Poland & Karolina Sieron, Head, Medical University of Silesia in Katowice, Poland. Impact of Electromagnetic Field Emitted by Mobile Phone on Prooxidant/Antioxidant Balance in Brain of Male Rats.
2. Andrew Overholt, Associate Professor, MidAmerica Nazarene University, USA. Cosmogenic Ionizing Radiation and its Effects.
3. Beatrice Gagnaire, Researcher, IRSN – Institute for Radioprotection and Nuclear Safety, France, Marilyne Stuart, Researcher, CNL – Canadian Nuclear Laboratories, Canada, Amy Festarini, Technician, CNL – Canadian Nuclear Laboratories, Canada, San Bog Kim, Researcher, CNL – Canadian Nuclear Laboratories, Canada, Francesca Farrow, Technician, CNL – Canadian Nuclear Laboratories, Canada, Isabelle Cavalie, Technician, IRSN – Institute for Radioprotection and Nuclear Safety, France & Christelle Adam-Guillermin, Researcher, IRSN–Institute for Radioprotection & Nuclear Safety, France. *In vivo* and *in situ* Evaluation of Tritium Effects on Fathead Minnow, *Pimephales promelas*.

17:00-19:30 Session X (Room A – Ground Floor): Air Quality, Pollution, Climate Changes and Other Environmental Issues

Chair: Grzegorz Cieslar, Professor, Medical University of Silesia in Katowice, Poland.

1. Carmel Mothersill, Professor, McMaster University, Canada. Low Doses, Adaptive Responses and Bystander Effects; Where are we now?
2. Yong-Chul Jang, Professor, Chungnam National University, South Korea. Collection and Recycling of End-of-life Batteries in Korea by Extended Producer Responsibility (EPR).
3. Fidan Aslanova, Lecturer, Final International University, Cyprus & Serife Gunduz, Lecturer, Near East University, Cyprus. Investigation of the Level of Consciousness of Libyans about the Climate Change.
4. Lakdar Kairouani, Professor, National Engineering School of Tunis, Tunisia & Mouna Elakhdar, National Engineering School of Tunis, Tunisia. Enhanced Performances of Dual Refrigerator-Freezer Using new Environmental Refrigerants.

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

Wednesday 24 May 2017
Educational Island Tour (Details during registration)
or
Mycenae and Epidaurus Visit (Details during registration)

Thursday 25 May 2017
Delphi Visit (Details during registration)