12th Annual International Symposium on Agricultural Research
as part of the Annual International Conference on Natural Sciences
15-18 July 2019, Athens, Greece
Sponsored by the Athens Journal of Sciences

Conference Venue: Titania Hotel, 52 Eleftheriou Venizelou (ex Panepistimiou) Street, Athens, Greece
(close to metro station Panepistimio)

Monday 15 July 2019

07:50-08:40 Registration and Refreshments

08:50-09:15 (Room A - 10th Floor): Welcome and Opening Address by Gregory T. Papanikos, President, ATINER.

09:15-11:00 Session I (Room B - 10th Floor): Global Concerns: Food Security and Climate Change
Chair: Olga Gkounta, Researcher, ATINER.
1. Lal Almas, Associate Dean and Regents Professor, West Texas A&M University, USA, Hame Abdou Kadi Kadi, PhD Student, West Texas A&M University, USA & Bonnie Pendleton, Professor, West Texas A&M University, USA. Food Security Aspects in Niger - Challenges and Opportunities.
3. Ahmed Alhuseen, Postdoctoral Fellow, Czech Academy of Sciences, Czech Republic, Pavel Cudlin, Head of Landscape Carbon Capture Department, Czech Academy of Sciences, Czech Republic, Mahmoud Makki, Senior Researcher, Institute of Economics and Agricultural Policies, Sudan, Mária Kozová, Chairperson, Catholic University, Slovakia & Ismail Ilsafi, Dean of Faculty of Education, University of Gadarif, Sudan. Capacity Needs Assessment for National Adaptation Plan of Sudan.

11:00-12:30 Session II (Room B - 10th Floor): Plant Physiology and Genetic Analyses
Chair: Ibrahim Hassan, Professor, Alexandria University, Egypt.
1. Margarita Gisela Pena Ortega, Professor, Chapingo Autonomous University, Mexico, Jesus Axayacatl Cuevas Sanchez, Professor, Chapingo Autonomous University, Mexico, Juan Martinez Solis, Professor, Chapingo Autonomous University, Mexico & Araceli Munguia Mendez, Graduate Student, Chapingo Autonomous University, Mexico. Molecular Characterization of two Mexican Orchid Species (Chysis bractescens and Ryncholaelia glauca) through ISSR.
2. Chung-Feng Kao, Assistant Professor, National Chung Hsing University, Taiwan, Hao-Ling Chu, Research Assistant, National Chung Hsing University, Taiwan, Jen-Ren Chen, Assistant Researcher, Taiwan Seed Improvement and Propagation Station, Taiwan & Chun-Ruei Cho, Undergraduate Student, National Chung Hsing University, Taiwan. Pathway and Network Analysis of Sex-Determination Genes in Papaya.
12:30-14:00 Session III (Room B - 10th Floor): Water Quality & Pollution

**Chair:** Juan Martinez Solis, Professor, Chapingo Autonomous University, Mexico.

1. Zheng Zheng, Professor, Fudan University, China & Qi Li, Student, Fudan University, China. Applying Eucalyptus to Eliminate Algae in Water.
3. Qi Li, Student, Fudan University, China & Zheng Zheng, Professor, Fudan University, China. Response of Submerged Macrophytes and Periphyton Biofilm to Water Flow in Eutrophic Environment: Plant Structural, Physicochemical and Microbial Properties.

14:00-15:00 Lunch

15:00-16:30 Session IV (Room B - 10th Floor): Earth Science

**Chair:** Mohammad Al-Murad, Research Scientist, Kuwait Institute for Scientific Research, Kuwait.

1. Thanos Papanicolaou, Professor and Goodrich Endowed Chair of Excellence, University of Tennessee, USA. A Model for Knickpoint Migration in Small Alluvial Streams.
3. Onur Alkac, PhD Student, Firat University, Turkey & Ercan Aksoy, Professor, Firat University, Turkey. Facies Analysis and Paleoenvironmental in Interpretation of Kirkgeçit Formation, East Anatolian, Turkey.

16:30-17:30 Session V (Room B - 10th Floor): Biology

**Chair:** Leonard Sciorra, Professor, Saint Peter’s University, USA.

1. Sabry El-Naggar, Professor, Tanta University, Egypt. Beneficial Effect of Paclitaxel as a Tumor Priming Drug for Pancreatic Cancer Gene Therapy.
2. Gad Degani, Professor, MIGAL Galilee Research Institute, Israel. The Involvement of Hormones in Fish: Basic and Applied Aspects.

21:00-23:00 Greek Night and Dinner
Tuesday 16 July 2019

08:00-11:00Session VI: An Educational Urban Walk in Modern and Ancient Athens

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 B - 10th Floor): Water: Management, Uses, and Law

Chair: Lal Almas, Associate Dean and Regents Professor, West Texas A&M University, USA.

1. Sabrina Joseph, Professor and Dean, School of Arts & Sciences, American University in Dubai, UAE. Water for Oil: Experts, British Colonial Authorities and the Formation of a Modern State: The Case of the Trucial States, 1930-1960s.
2. Yasar Selman Gultekin, Assistant Professor, Düzce University, Turkey. Stakeholder Analysis and Water Management Model for Melen River System and its Basin.

13:00-14:30 Session VIII (Room B - 10th Floor): Special Topics


2. Pinar Gultekin, Assistant Professor, Düzce University, Turkey. Evaluation of Soundscape in University Campuses: The Case Study of Düzce University.
3. Cosmin Vancea, Lecturer, Politehnica University Timisoara, Romania, Marius Jurca, Lecturer, Politehnica University Timisoara, Romania, Petru Negrea, Professor, Politehnica University Timisoara, Romania, Iosif Hulka, Researcher, Politehnica University Timisoara, Romania, Maria Mihailescu, Researcher, Politehnica University Timisoara, Romania, Alexa Balafa, Student, Politehnica University Timisoara, Romania & Adina Negrea, Associate Professor, Politehnica University Timisoara, Romania. Glass Foams Insulating Materials for Green Passive Buildings Adapted to the Current Climate Changes.

14:30-15:30 Lunch

15:30-16:30 Session IX (Room B - 10th Floor): Biotechnology & Plant Production

Chair: Javier M. Obando-Ulloa, Professor, Costa Rica Institute of Technology, Costa Rica.

1. Magali Mariani, Research Engineer, Pascal Paoli University of Corsica, France. Use of Biocatalytic Processes for Production of Value-Added Compounds from Vegetable Oils.
2. Radia Lourkisti, PhD Student, Pascal Paoli University of Corsica, France, Yann Froelicher, UMR Agap - Cirad, France, Jérémie Santini, Pascal Paoli University of Corsica, France & Liliane Berti, Professor, Pascal Paoli University of Corsica, France. Study of Tolerance to Low Temperature in Innovative Triploid Citrus Varieties and Monitoring of Primary Metabolism in Fruits.
16:30-18:30 Session X (Room B - 10th Floor): Plant Growth & Phytopathology

**Chair:** Silvia Salustiano, Professor, Federal Institute of Education, Science and Technology of Goiano, Brazil.

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<th>1.</th>
<th>Ibrahim Hassan, Professor, Alexandria University, Egypt &amp; Rehab El Dakak, Lecturer, Alexandria University, Egypt. Radish (<em>Raphanus sativus</em> L.) Cultivar-Specific Response to O₃: Patterns of Biochemical and Plant Growth Characteristics.</th>
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<td>2.</td>
<td>Ofir Degani, Research Group Leader and Head Researcher, MIGAL Galilee Research Institute, Israel, Shlomit Dor, MIGAL Galilee Research Institute, Israel &amp; Daniel Regev, MIGAL Galilee Research Institute, Israel. The Hidden Life of the Maize Pathogen, <em>Harophora Maydis.</em></td>
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<td>3.</td>
<td>Cheng-Yuan Lai, Master Student, National Chung Hsing University, Taiwan &amp; Hsim-Mei Ku, Professor, National Chung Hsing University, Taiwan. Integrated Transcriptome and Network Analysis to Explore <em>Chenopodium Quinoa</em>-virus Interaction.</td>
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**20:30-22:00 Dinner**

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**Wednesday 17 July 2019**

**Mycenae and Island of Poros Visit**

**Educational Island Tour**

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**Thursday 18 July 2019**

**Delphi Visit**

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**Friday 19 July 2019**

**Ancient Corinth and Cape Sounion**

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All ATINER’s conferences are organized by the Academic Council. This conference has been organized with the assistance of the following academics, who contributed by a) setting up the program b) chairing the conference sessions, and/or c) reviewing the submitted abstracts and papers:

1. Gregory T. Papanikos, President, ATINER & Honorary Professor, University of Stirling, UK.
2. Saif Uddin, Director, Center for Environmental Pollution, Climate & Ecology (CEPCE) & Senior Research Scientist, Kuwait Institute for Scientific Research, Kuwait.
3. Juan Martinez Solis, Professor, Chapingo Autonomous University, Mexico.
5. Lal Almas, Associate Dean and Regents Professor, West Texas A&M University, USA.

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7. Ibrahim Hassan, Professor, Alexandria University, Egypt.
8. Leonard Sciorra, Professor, Saint Peter’s University, USA.
11. Olga Gkounta, Researcher, ATINER.