

# Athens Institute for Education and Research

## 14<sup>th</sup> Annual International Symposium on Environment

27-30 May 2019, Athens, Greece

### *Provisional List of Papers Accepted and Registered to be Presented (Listed by Presenter's Surname) and Other Attendees*

Note: This list includes only those who have registered for the conference (i.e. those who have paid the registration fee). It does not include those who have received an acceptance letter but who have not yet sent in their registration form. Please also note that all ATINER's events (conferences, symposiums, public lectures, etc) are organized to serve ATINER's [mission](#) and [policy](#). The list will be updated weekly. This current version was produced on 20 May 2019.

#### **Papers to be presented:**

1. Sam Andriani, Professor / Research Scientist, Columbus State Community College / The Andriani Institute Research Center, USA. Photodegradation of a few Polycyclic Aromatic Hydrocarbons (PAH) in Aqueous Solution. (ENVPRO)
2. Fidan Aslanova, Associate Professor, Near East University, Cyprus. Influence of Industrial Enterprises on the Environment. (ENVPRO)
3. Yunsoo Choi, Associate Professor, University of Houston, USA. Using AI Deep Learning to Predict Ozone Concentrations 24 Hours in Advance and Climate Change Impact on Ozone in Texas. (ENVAIR)
4. Erin Curran, Associate Professor, University of St. Thomas, USA, Cassandra Carter, Research Student, University of St. Thomas, USA, Dalma Martinovic – Weigelt, Associate Professor, University of St. Thomas, USA, Alvine Mehinto, Senior Scientist, Southern California Coastal Water Research Project, USA, Natalia Garcia Revero Vinas, Research Biologist, US Army Engineer Research and Development Center, USA & Mark Ferrey, Research Scientist 2, Minnesota Pollution Control Agency, USA. Prioritization of Environmental Contaminants in Aquatic Ecosystems: A Partial Least Squares Approach.
5. Marie Dellise, PhD Student, École des Mines de Saint-Étienne, France, Jonathan Villot, Assistant Professor, École des Mines de Saint-Étienne, France, Rodolphe Gaucher, Head of Unit “Sustainable and Cleaner Technologies and Processes”, INERIS, France, Anne Amardeil, Study Engineer, EDF, France & Valerie Laforest, Research Director / Professor, École des Mines de Saint-Étienne, France. Assessing the Implementation of Best Available Techniques at the Local Scale in the Absence of Industrial Sectoral Reference: An Issue for Compliance Demonstration.
6. Adriana Dumitru, PhD Student, University of Bucharest, Romania, Alina Olaru, Teaching Assistant, University of Bucharest, Romania, Marius Dumitru, Researcher, National Institute for Laser, Plasma and Radiation Physics, Romania & Gabriela Iorga, Assistant Professor, University of Bucharest, Romania. Influence of Coal Open-Pit Mining on Ambient Air: A Case Study in South-western Romania. (ENVAIR)
7. \*Hen Friman, Lecturer, Holon Institute of Technology (HIT), Israel, Maxim Bandel, Holon Institute of Technology (HIT), Israel, Yafa Sitbon, Dean of Students Office, Holon Institute of Technology (HIT), Israel, Ifaa Banner, Director, Holon Institute of Technology (HIT), Israel & Yulia Einav, Dean of Students and Faculty of Engineering, Holon Institute of Technology (HIT), Israel. Protects the Environment from College to Community by Action Learning Course. (ENVAIR)
8. \*Alan Hedge, Professor, Cornell University, USA. Effects of Buildings on Air Pollution and Climate Change. (ENVAIR)
9. Rina Kamenetsky Goldstein, Senior Researcher, ARO The Volcani Center, Israel. Biodiversity and Survival Strategies of Geophytes in Mediterranean Climate.

10. Yonghoon Kim, Professor, Gwangju Institute of Science and Technology, South Korea & Myeonggeun Oh, Researcher, Gwangju Institute of Science and Technology, South Korea. Accurate Sea Surface Temperature and Salinity Measurement at Coastal Region using Electromagnetic Wave for Ocean Ecology Monitoring.
11. Valerie Laforest, Research Director / Professor, École des Mines de Saint-Étienne, France & Jonathan Villot, Assistant Professor, École des Mines de Saint-Étienne, France. Assessing Urban Wastewater Treatment Process through Best Available Technique Criteria.
12. Ana Maria Leon Ramos, MSc Student, Universidad Juárez Autónoma de Tabasco, Mexico, Candelario Ramon de los Santos, PhD Student, Universidad Juárez Autónoma de Tabasco, Mexico, Laura Lorena Diaz Flores Diaz Flores, Researcher, Universidad Juárez Autónoma de Tabasco, Mexico, Angelica Silvestre Lopez Rodríguez, Researcher, Universidad Juárez Autónoma de Tabasco, Mexico, Edgar Vicente Macias Melo, Researcher, Universidad Juárez Autónoma de Tabasco, Mexico, Pio Sifuentes Gallardo, Researcher, Universidad Juárez Autónoma de Tabasco, Mexico & Ma Guadalupe Rivera Ruedas, Researcher, Universidad Juárez Autónoma de Tabasco, Mexico. Formulation for Producing High Strength Hydraulic Concrete Added with Biogenic Nano CaCO<sub>3</sub> Structures.
13. Way Long, Assistant Professor, National Pingtung University of Science and Technology, Taiwan & Chun-Chun Chien, Associate Professor, Fooyin University, Taiwan. Modified Acoustic Property of Bamboo Violin Soundboard using the Microphone Array Method. (ENVPRO)
14. Camelia Maier, Professor, Texas Woman's University, USA. Texas Woman's University Pollinator Gardens – Working toward Conservation and Sustainability Education.
15. Ian McKendry, Professor, The University of British Columbia, Canada. Suppression of Mountain Convective Boundary Layer “Handover” Processes by Persistent Wildfire Smoke Plumes in Southwestern British Columbia. (ENVAIR)
16. Raul G.E. Morales, Professor, University of Chile, Chile, Gregorio P. Jara, Research Associate, University of Chile, Chile & Nicolas Valdes, Professor, Universidad Los Andes, Chile. Atmospheric Pollution by Pm-2.5 and Co in Urban-Rural Zones of Chile. (*Tuesday*)
17. Manna Farrel Pinto, Graduate Research Student, University of the Philippines Diliman, Philippines. Graphene Zeolite-based Granular Media Filtration System for the Pretreatment of Brackish Water.
18. Radka Podlipna, Scientist, Institute of Experimental Botany, Czech Academy of Sciences, Czech Republic, Eliska Syslova, PhD Student, Czech Academy of Sciences, Czech Republic, Barbora Szotakova, Professor, Charles University, Czech Republic & Lenka Skalova, Professor, Charles University, Czech Republic. The Fate of Anthelmintics in Soy Plant.
19. Erofilia Pontikaki, Lecturer, Webster University Thailand, Thailand. The Katowice Climate Change Conference 2018 and its Implications for the EU.
20. Hongyong Qiao, Postgraduate Student, Beijing Forestry University, China. A New Synonym for Beijing's Environmental Quality – “Beijing Blue”.
21. Michelle Angelica Roa, Graduate Student, University of the Philippines Diliman, Philippines. Pretreatment of Brackish Water through Chitosan Coagulation and Slow Sand Filtration for Desalination Applications.
22. Emilia-Adela Salca, Associate Professor, Transilvania University of Brasov, Romania. Evaluation of the Surface Quality of Wood as a Function of Machining Parameters. (ENVPRO)
23. \*Monica Siroux, Professor, Director of the Environmental and Electrical Engineering Department, ICube | INSA Strasbourg, France. Towards Sustainable Energy Technologies: The Case of the Micro Combined Heat and Power Systems.
24. Lenka Skalova, Professor, Charles University, Czech Republic, Lucie Stuchlikova Raisova, Postdoctoral, Charles University, Czech Republic, Lenka Langhansova, Researcher, Czech Academy of Sciences, Czech Republic, Pavel Jakubec, Postdoctoral, Charles University, Czech Republic & Martina Navratilova, PhD Student, Charles University, Czech Republic. Uptake and Biotransformation of Monepantel in Plants used as Livestock Feed.
25. \*Onur Ulker, Assistant Professor, Kirikkale University, Turkey. Evaluation of Corner Joint Strength of Particleboard and Sandwich Panels bonded with Starch. (ENVPRO)
26. Chongling Yan, Professor, Xiamen University, China. Artificial Topography Increases Pollution Risk and Changes the Growth Strategy of *Spartina Alterniflora*.

27. Eli Zaady, Researcher, Agricultural Research Organization, Volcani Center, Israel. The Expected Environmental Impact of Increased Pesticide use on the Mortality of Pollinators and Hive Productivity. (ENVAIR)

**Attendees:**

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**Chairs:**

1. Salim Hiziroglu, Professor, Oklahoma State University, USA. (ENVPRO)