



PROGRAM OF THE FOURTH INTERNATIONAL CEMEPE & SECOTOX CONFERENCE

JUNE 24-28, 2013, MYKONOS ISLAND, GREECE



**MONDAY, JUNE 24**

**17:00-21:00 Registration (Royal Mykonian Hotel)**

**CHAIRS: A. Kungolos, K. Aravossis, A. Karagiannidis, P. Samaras, K.W. Schramm**

**19:00-19:30 CEMEPE/SECOTOX Conference opening session**

Opening remarks by officials

**19:30-21:00 Invited lectures**

**Professor Dimitri Nanopoulos**

Distinguished Professor of Theoretical Physics at Texas A&M University, Center for Theoretical Physics College Station, USA,

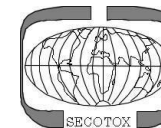
**“The brave new world of Higgs: the origin of mass”**

**Professor Themistocles Lekkas**

University of the Aegean, Department of Environmental Studies, Greece

**“Recycle for its worth”**

**21:30 Welcoming reception buffet at the Royal Mykonian Hotel**

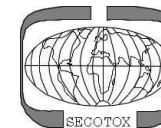
**ORAL PRESENTATIONS**

<b>TUESDAY JUNE 25</b>	<b>ROOM A</b>	<b>ROOM B</b>
	<b>ECOTOXICOLOGY I (Organized jointly with SECOTOX) CHAIRS: G. Persoone, J. Castritsi-Catharios</b>	<b>POLLUTION CONTROL TECHNOLOGIES I  CHAIRS: A. Guitonas, A. A. Zabaniotou</b>
09:00 – 09:30	<b>Invited speaker</b> Toxkit microbiotests for practical and cost-effective toxicity testing: facts and figures from multiple applications <i>G. Persoone</i>	Anaerobic digestion for treatment and valorization of cattle liquid manure <i>A. Guitonas and E.K. Oikonomou and C. Hatzimarianos</i>
09:30 – 09:45	The historical evolution of the legislative framework concerning microbiological and chemical parameters in drinking water with emphasis on chromium <i>A. Andreadakis and E. Gavalaki</i>	Novel sorbent materials for environmental remediation via depolymerisation of used tyres <i>A. A. Zabaniotou, N. A. Antoniou, G. Stavropoulos and G. Bruton</i>
09:45 – 10:00	Antimicrobial personal care products effects in the terrestrial environment <i>J. Žaltauskaitė, D. Miškelytė</i>	The influence of the disinfection on the by-products formation during the implementation of several methods <i>I. Voukkali, A.A. Zorpas</i>
10:00 – 10:15	Quantitative Structure-Activity Relationships (QSARs) to predict metabolic affinity (1/Km) and maximum velocity (Vmax) in mammals <i>A. Pirovano, M. A. J. Huijbregts, A. M. J. Ragas, K. Veltman, A. J. Hendriks</i>	Investigation of electrokinetic removal of hexavalent chromium from polluted soil <i>L. Sakellariou, A. Toli and N. Papassiopi</i>
10:15 – 10:30	Aquatic ecotoxicology in tasks of water quality assessments: moving from theory to practices <i>T. I. Moiseenko</i>	The ecological effect from the integration of the biotechnologies: lactic fermentation and anaerobic digestion of organic matter <i>B. D. Baykov, T. P. Popova, V. K. Kirov, B. Zaharinov, N. Marinova</i>
10:30 – 10:45		Green house gas balance of anaerobic digestion plants in Northern Italy <i>J. Bacenetti, M. Negri, M. Fiala</i>



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10:45 – 11:00		Comparative hygiene estimation of the technology for utilization of organic manures with high content of the dry matter <i>B. Baykov, B. Zaharinov, V. Kirov</i>
<b>11:00 – 11:30</b>	<b>COFFEE BREAK</b>	
	<b>ECOTOXICOLOGY I</b> (Organized jointly with SECOTOX) <b>CHAIRS: L. Manusadžianas, A. Kungolos</b>	<b>POLLUTION CONTROL TECHNOLOGIES II</b> <b>CHAIRS: M.M. Abou-Mesalam, N. Doğan-Sağlamtimur</b>
11:30 – 11:45	Introduction of biotests into routine effluent control in Lithuania <i>L. Manusadžianas, K. Sadauskas, and R. Vitkus</i>	Environmental Studies on the Use of Synthesized and Natural Ion Exchange Materials in the Treatment of Drinking and Underground Water <i>M.M. Abou-Mesalam, M.A. Hilal and H.A. Arida</i>
11:45 – 12:00	The Toxic Effects of the Lixivium of sediments collected from E-waste sites on <i>Pseudokirchneriella subcapitata</i> and its Antioxidative System <i>X. Nie, C. Fan, X. Liu, W. Liao, Y. Yang</i>	Alternative ballast water treatment system: Port waste reception facilities, Turkish port perspective <i>T. Satır and N. Doğan-Sağlamtimur</i>
12:00 – 12:15	Existing and future technologies in noise reducing pavements <i>F. Kehagia, E. Manthos</i>	Investigation of the chemical content of two specific streams in municipal waste; the case of hazardous household waste and dental waste <i>S. Kontogianni and A. Karagiannidis</i>
12:15 – 12:30	Relating kinetic parameters of human intestinal influx transporters to molecular properties of pharmaceuticals and environmental contaminants <i>I.A. O'Connor, K. Veltman, M.A.J. Huijbregts, A.M.J. Ragas, F.G. Russel, A.J. Hendriks</i>	Conditions favouring the formation of iron phosphate coatings on the pyrite surface – Preliminary experiments <i>K. Kollias, E. Mylona, N. Papasiopi and A. Xenidis</i>
12:30 – 12:45		Development of flameless oxidation technology for next generation thermal plants <i>D. Shin</i>

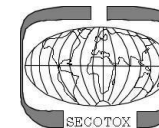


12:45 – 13:00		Reduction of hexavalent chromium with polyphenol-coated nano zero valent iron - column studies <i>C. Mystrioti, A. Xenidis and N. Papassiopi</i>
13:00 – 13:15		The Antioxidant Behavior of 2,5-bis(disubstituted aminomethyl) hydroquinones in Fatty Acid Methyl Esters <i>A. Deligiannis, A. Anastasakos, F. Zannikos, G. Anastopoulos, G. S. Dodos</i>
13:15 – 13:30		Rational well spacing for soil remediation processes <i>M. S. Valavanides</i>
<b>13:30 – 16:30</b>	<b>LUNCH BREAK (Lunch offered for Conference participants at main hotel restaurant of Royal Mykonian Hotel)</b>	
	<b>WATER RESOURCES ENGINEERING AND MANAGEMENT I</b>  <b>CHAIRS: N. Mylopoulos, P. Gikas</b>	<b>POLLUTION CONTROL TECHNOLOGIES II / FATE AND TRANSPORT OF POLLUTANTS I</b>  <b>CHAIRS: A. Zouboulis, P. Samaras</b>
16:30 – 16:45	Estimation of willingness to pay of residential water consumers in the city of Volos using Conjoint Analysis <i>N. Mylopoulos, C. Fafoutis, K. Christopoulos and I. Tsihchlis</i>	Hybrid membrane processes for the treatment of surface water and mitigation of the membrane fouling <i>A. Zouboulis, D. Zamboulis, K. Szymanska and S. Stylianou</i>
16:45 – 17:00	Hydraulic behavior in a pilot--scale horizontal subsurface flow constructed wetland <i>E. Ranieri, A. Gorgoglione, C. Montanaro, A. Iacovelli, P. Gikas</i>	Comparison between hybrid treatment and combination of membrane processes for the treatment of dyeing effluent <i>Ghazza Masmoudi et Raja ben Amar</i>
17:00 – 17:15	Implementation and evaluation of water hammer software in flow problems in irrigation networks <i>V.G. Ioannidou and E.K. Oikonomou</i>	Environmental impacts of carbon dioxide on groundwater <i>K. A. Terzi, I. Bountas, C. A. Aggelopoulos, C.D. Tsakiroglou</i>
17:15 – 17:30	Assessment of Elements in the Influent and Effluent of Haydarpaşa Port Waste Reception Facility Treatment Plant (İstanbul, Turkey) <i>N. Doğan-Sağlamtimur and E. Subaşı</i>	Treated Wastewater Effluents as Aquifer Recharge: Experience in Saline and Coastal Aquifers <i>M. S. Baawain and A. Sana</i>
17:30 – 17:45	The Effect of Water Conservation on Water Management Indices and Groundwater Conditions (Case Study: Namroud Dam) <i>H. Babazadeh, P. Razaghi</i>	Stochastic simulation of safe water pumping from a potentially polluted aquifer <i>P. Vogiatzis, K. Petrou, N. Theodossiou</i>



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17:45 – 18:00	Arsenic removal from water using Zirconium (IV) based Hybrid Material (ZrO-EA): breakthrough analysis and point-of-use systems performances <i>S. Mandal, M. Sahu, R. Patel</i>	Natural and Fe(II)-induced reduction of hexavalent chromium in soil <i>A. Margon, M. Valentini, C. Mondini, T. Sinicco, F. Miani, P. Sequi and L. Leita</i>
<b>18:00 – 18:30</b>	<b>COFFEE BREAK</b>	
	<b>WATER RESOURCES ENGINEERING AND MANAGEMENT I</b>  <b>CHAIRS: T. Lekkas, T.M. Mimidis</b>	<b>FATE AND TRANSPORT OF POLLUTANTS II</b>  <b>CHAIRS: C. Emmanouil, H. Florou</b>
18:30 – 18:45	The disposal, the effective demand and the price of water <i>I. Mariolas and T.M. Mimidis</i>	Profile and sources of polycyclic aromatic hydrocarbons and potentially hazardous metals in agricultural soils of Poland <i>B. Smreczak, B. Maliszewska-Kordybach, A. Klimkowicz-Pawlas</i>
18:45 – 19:00	Effect of rapid gravity sand filtration of chlorinated drinking water on THMs, HAAs and DOC concentration- Galatsi Water Treatment Plant, Athens, Greece <i>K. Babi, K. Koumenides, A. Nikolaou, C. Makri and T. Lekkas</i>	Anti-prion activity of soil humic substances <i>G. Giachin, A. Margon, J. Narkiewicz, G. Legname, and L. Leita</i>
19:00 – 19:15	Non-Structural Best Management Measures Use for Management of Receiving Waters Pollution Due to the Urban Stormwater Runoff <i>S. Yannopoulos, I. Giannopoulou, E.K. Oikonomou and S. Basbas</i>	Microplastics along the shoreline of a Greek island (Kea isl., Aegean Sea): types and densities in relation to beach orientation, characteristics and proximity to sources <i>H. Kaberi, C.Tsangaris, C. Zeri, G. Mousdis, A. Papadopoulos and N. Streftaris</i>
19:15 – 19:30	Hydrochemistry of selected boreholes from Beoetia Prefecture <i>D. Koilakos, T. Mimidis</i>	Nitrate fate and transport management (Case study: Tehran university agricultural research station) <i>M. Afshar Asl, P. Rahbari</i>



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<b>TUESDAY JUNE 25</b>	<b>ROOM C</b>
	<b>ENVIRONMENTAL ECONOMICS I</b>  <b>CHAIRS: K. Aravossis, T. Pelagidis</b>
09:00 – 09:30	<b>Invited speaker</b> Assessing the status of Greece’s economy and the austere policies implemented during 2010-2013. Identifying key policy challenges for the future <i>T. Pelagidis</i>
09:30 – 09:45	An environmental and economic analysis of waste transportation strategies in remote islands <i>T. Zis, A. Tolis, and K. Aravossis</i>
09:45 – 10:00	Estimating the willingness to pay of Thessaloniki’s residents for the increase of the green spaces and exploring its effects to the real estate values <i>A. Xifilidou, D. Vagiona, N. Karanikolas</i>
10:00 – 10:15	The Macroeconomic Impact of “Green” Investments on the Greek Economy: a Sectoral Approach (2010-2020) <i>P. G. Michaelides, M. Markaki, A. Belegri-Roboli, S. Mirasgedis, D. P. Lalas</i>
10:15 – 10:30	Economic, financial and technical issues of wind power generators for the transition to a zero carbon economy <i>G. Varympopiotis, P. Papakonstantinou, A. Tolis, A. Rentizelas, K. Aravossis</i>
10:30 – 10:45	Social cost benefit analysis of Renewable Energy Sources in Greece: The European project Helios case <i>P. Vergoulis, S. Georgali, A. Mantikos and I. Michalopoulos</i>



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10:45 – 11:00	River Basin Management Plans developed under the context of the WFD 2000/60/EC: The Greek case <i>V. Kanakoudis, M. Tallarou, S. Tsitsifli</i>
<b>11:00 – 11:30</b>	<b>COFFEE BREAK</b>
	<b>ENVIRONMENTAL ECONOMICS II</b> <b>CHAIRS: C.S. Psomopoulos, V. Kanakoudis</b>
11:30 – 11:45	The impact from the implementation of Waste to Energy to the economy. A macroeconomic approach for Greece <i>C.S. Psomopoulos, A. Lyras, V. Kostopoulos, I. Venetis and N.J. Themelis</i>
11:45 – 12:00	Spatial analysis of the domestic water use pricing in Greece <i>V. Kanakoudis, A. Papadopoulou, S. Tsitsifli</i>
12:00 – 12:15	Valuing drinking water quality improvements in Greece: a choice experiment application <i>D. Latinopoulos</i>
12:15 – 12:30	Creation of shared value for a shipping company, through energy efficiency management <i>Y. Pavlopoulou, K. Aravossis, G. Gougoulidis</i>
12:30 – 12:45	Measuring the Passive Use Values of Groundwater: A Contingent Valuation survey <i>G. Tentes, N. Rigas, D. Damigos</i>
12:45 – 13:00	Exergetic and economic analysis of a cheese whey wastewater anaerobic treatment plant with a cogeneration system <i>A. A. Chatzipaschali, G. A. Stamatis</i>
13:00 – 13:15	A cost-effective method for total recovery of red mud's oxides and their partial transformation into valuable products <i>N. D. Papadopoulos, H.S. Karayianni, E. Metaxa, E. Hristoforou</i>



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13:15 – 13:30	The behavior of “green” consumers in Greece under financial crisis <i>H. Theodoropoulou, M. Zavali</i>
<b>13:30 – 16:30</b>	<b>LUNCH BREAK (Lunch offered for Conference participants at main hotel restaurant of Royal Mykonian Hotel)</b>
	<b>GIS AND REMOTE SENSING</b>  <b>CHAIRS: C. Cartalis, K. Perakis</b>
16:30 – 16:45	Use of Earth Observation in assessing the impact of Major Sport Events <i>C. Cartalis, D. Asimakopoulos, M. Petrakis, N. Adaktylou, M. Stathopoulou and N. Chrysoulakis</i>
16:45 – 17:00	Wet and dry sand spectral signatures as a tool for the precise shoreline detection and extraction from remotely sensed images <i>P. G. Drakopoulos, G. Ghionis, K. Lazogiannis, S. E. Poulos</i>
17:00 – 17:15	The study of ice conditions of the Caspian Sea using satellite monitoring data (2008-2011) <i>S. Berdnikov, N. Yaitskaya, Y. Lychagina</i>
17:15 – 17:30	Assessment of the vulnerability of coastal areas to the application of pesticides using GIS and multiple criteria analysis <i>D. Kitsiou, M. Kostopoulou, V. Varnava and K. Koufa</i>
<b>18:00 – 18:30</b>	<b>COFFEE BREAK</b>





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	<b>SPATIAL AND URBAN PLANNING I</b>
	<b>CHAIRS: E. Beriatos, O. Christopoulou</b>
18:30 – 18:45	Spatial planning and protected areas in Greece: Institutional developments and implementation problems <i>E. Beriatos</i>
18:45 – 19:00	Improving urban planning with the use of environmental indicators <i>C. Cartalis, M. Stathopoulou, N. Chrysoulakis and I. Charalambopoulos</i>
19:00 – 19:15	Multi-criteria approach of land use management for the island of Skiathos, Greece <i>F. Samara, S. Tampekis, S. Sakellariou and O. Christopoulou</i>
19:15 – 19:30	Assessing the sustainability of the city of Larissa (Greece): an indicator approach <i>D. Vagiona, M. Podimata and S. Fourli</i>
19:30 – 19:45	A GIS-based multicriteria evaluation for wind farm site selection. A regional scale application in Greece <i>K. Kechagia and D. Latinopoulos</i>
19:45 – 20:00	Moving towards the development of sustainable transportation hubs in Europe: The role of soft modes in the reformed Thessaloniki railway station <i>M. Tsami, G. Adamos, E. Nathanail</i>
20:00 – 20:15	Modern Trend in Transport Management <i>M.M.A Pramanik</i>
20:15 – 20:30	Integrating spatial development planning of border-crossing points (BCPs): cross-case analysis between the case of Schengen and Russia - Belarus and the case of USA and Canada <i>M. Tsami, K. Papoutsis, M. Gogas and E. Nathanail</i>



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WEDNESDAY JUNE 26	ROOM A	ROOM B
	<b>ENVIRONMENTAL IMPACT ASSESSMENT AND RISK ANALYSIS I</b>  <b>CHAIRS: G. Gaidajis, K. Gudulas</b>	<b>WATER POLLUTION I</b>  <b>CHAIRS: V. D. Tonkopii, D. Marmanis</b>
09:00 – 09:15	Environmental impact assessment of transportation sector – Current situation and future trends: A case study <i>K. Angelakoglou, G. Gaidajis and K. Gounis</i>	Ecotoxicological and chemical characterization of rainwater in an Urban Residential Area, Turkey <i>F. Ekmekyapar, E. Burcu Bahadır, S. Meric Pagano</i>
09:15 – 09:30	A tiered approach for aggregate exposure assessment – The case of Bisphenol-A <i>D.A. Sarigiannis, S. Karakitsios, A. Gotti</i>	A new purified cholinesterase for separate detection of organophosphates and carbamates in fresh water <i>V. D. Tonkopii</i>
09:30 – 09:45	A customized FMC model for wildland fire simulations using WRF-Fire model over Spain <i>R. San José, J.L. Pérez, R.M. González, J. Pecci and M. Palacios</i>	Removal of As(V) from groundwater by a new electrocoagulation reactor using Fe ball anodes: Optimization of operating parameters <i>E. Sik, M. Kobya, E. Demirbas, M.S. Oncel and A.Y. Goren</i>
09:45 – 10:00	Sustainability of gasification process, depending on input refuse derived fuel quality <i>D. Kourkoumpas, P. Vounatsos, M. Agraniotis, P. Grammelis and E. Kakaras</i>	Electrochemical mineralization of nickel phthalocyanine reactive dye by the electro-Fenton process <i>D. Marmanis, A. Christoforidis, K. Dermentzis and K. Ouzounis</i>
10:00 – 10:15	Use of cytogenetic observations for comparative radiological and conventional pollution impact assessment <i>H. Florou, P. Kritidis, N. Evangeliou</i>	Removal of Cr, Ni and Zn from galvanic rinsing wastewater by electrocoagulation process using iron electrodes <i>M. Kobya, N. Erdem and E. Demirbas</i>
10:15 – 10:30	Comparison of waste-to-energy processes by means of Life Cycle Analysis regarding the Global Warming Potential impact <i>D. Kourkoumpas, S.Karellas, P.Grammelis</i>	Antibiotic removal from polluted water by immobilized photocatalysis <i>A. Alatrache, A. Cortyl, P. Arnoux, M. - N. Pons, O. Zahraa</i>
10:30 – 10:45		Assessment of Water Quality in Lake Eğirdir <i>M. Kaçkoç, M. Beyhan</i>
<b>11:00 – 11:30</b>	<b>COFFEE BREAK</b>	



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	<b>ENVIRONMENTAL IMPACT ASSESSMENT AND RISK ANALYSIS II</b> <b>CHAIRS: A. Stergiadou, E.K. Oikonomou</b>	<b>WATER POLLUTION II</b> <b>CHAIRS: D. Dermatas, C. Laspidou</b>
11:30 – 11:45	Water tanks and the usage of road network for the prevention and suppression of forest-fires <i>A. Stergiadou</i>	Investigation of Chromium sources in groundwater of Thiva industrialized area <i>I. Panagiotakis, D. Dermatas, C. Vatseris, M. Chyrsochoou, N. Papasiopi, A. Xenidis, E. Theologou, T. Mpouras, L. Sakellariou</i>
11:45 – 12:00	Improving EIA legislative framework in Greece: the challenges and opportunities ahead <i>E.K. Oikonomou</i>	Identifying and quantifying non-point pollution sources in the Penios river basin district <i>V. Samantzi and C. Laspidou</i>
12:00 – 12:15	Alterations in the reproductive biology on animals and humans exposed to high doses of boron <i>O. Espinoza-Navarro, S. Cortés, E. Bustos-Obregón</i>	Electrochemical removal of hexavalent chromium by electrosorption onto nano-structured carbon aerogel electrodes <i>K. Dermentzis, D. Stergiopoulos, A. Dermentzi</i>
12:15 – 12:30	Reduction of the uncertainty in the frequency calculation in port accidents through fuzzy logic <i>J.R. González Dan, R.M. Darbra</i>	Effects of untreated olive oil waste water disposals in river Epis and its estuaries in Messinia, Greece <i>E. Anastasopoulou, N. Skoulikidis, A. Pavlidou, E. Dassenakis and I. Hatzianestis</i>
12:30 – 12:45	Health Impact Assessment (HIA) by the means of the microbiological quality profile beddings in small ruminants and poultry <i>C. Voidarou, G. Rozos, D. Vassos, A. Alexopoulos, E. Bezirtzoglou</i>	Distribution and source of butyltins in sediments of Salt River Estuary, Taiwan <i>C. D. Dong, C. F. Chen, and C. W. Chen</i>
12:45 – 13:00	Embodied Energy and Carbon Footprint of a steel cold formed residential structure <i>G. J. Xanthakis</i>	Use and comparison of physicochemical and of biological processes performances for highest wastewater treatment <i>I. Khouni, H. Ben Souden and A. Ghrabi</i>
13:00 – 13:15		Evaluating the Leaching Heavy Metals in Kaohsiung Harbor Sediment Using TCLP <i>C. W. Chen, C. F. Chen, and C. D. Dong</i>



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13:30 – 16:30		BREAK	
	<b>AIR QUALITY I</b> <b>CHAIRS: K. Eleftheriadis, E. Diapouli</b>	<b>WATER POLLUTION II</b> <b>CHAIRS: B. Škrbić, M. Gratziou</b>	
16:30 – 16:45	Chemical composition and sources of PM10 and PM2.5 in the greater area of Volos during the LIFE+ACCEPT-AIR Project <i>G. Proias, T. Grigoratos, E. Diapouli, S. Vratolis, V. Vasilatou, D. Saraga, T. Maggos, C. Samara, A. Kungolos, S. Kipouros and K. Eleftheriadis</i>	Analysis of the multiple pharmaceutical classes in different types of water from Serbia <i>J. Živančev, M. Petrović, B. Škrbić</i>	
16:45 – 17:00	The contribution from natural sources to aerosol primary emissions and gaseous aerosol precursors over urban areas <i>V. Aleksandropoulou, K. Eleftheriadis, E. Diapouli, Kjetil Torseth and M. Lazaridis</i>	Assessing tools and methods for water quality monitoring in medium sized rivers. The case of Arcadikos River (Messinia, Greece) <i>K. C. Gritzalis, E. Anastasopoulou, V. Marcogianni, N. Georgiopoulos</i>	
17:00 – 17:15	BTEX concentrations in ambient air of children playgrounds in Kocaeli, Turkey <i>A. N. Toksoz and E. Durmusoglu</i>	Nitrates pollution from agriculture in lakes of Turkey <i>T. Karyotis, R. Torenbeek, N. Celik, A. Panagopoulos, K. Karyoti and A. Tsitouras</i>	
17:15 – 17:30	Characterization of fine particles' chemical composition at an urban background site, in Greece <i>V. Vasilatou, E. Diapouli, Abatzoglou, E. Bakeas, M. Scoullou, K. Eleftheriadis</i>	The geophysical investigations for the evaluation of groundwater pollution in mining tailings areas <i>N. Yurkevich, S. Bortnikova, Y. Karin, O. Saeva</i>	
17:30 – 17:45	Temporal Variations of Eastern Black Sea Aerosol <i>İ. Balçılar, A. Zararsız, Y. Kalaycı, G. Dogan, G. Tuncel</i>	The problem of ammonia nitrogen in the process of sewage sludge anaerobic digestion <i>J. Suschka and K. Gröbel</i>	
17:45 – 18:00	Chemical and Physical Safety by Controlling Plasma Pollution <i>R. Heydari, F. Kafee</i>		
18:00 – 18:30		COFFEE BREAK	



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	<p><b>AIR QUALITY II</b></p> <p><b>CHAIRS: A. Xenidis, C. Fanizza</b></p>	<p><b>NATURAL WASTEWATER TREATMENT SYSTEMS / DECENTRALISED WASTEWATER MANAGEMENT</b></p> <p><b>CHAIRS: V. A. Tsihrintzis, D. Achilias</b></p>
18:30 – 18:45	<p>Aromatic hydrocarbon levels in urban air of Rome during 2011 <i>C. Fanizza, F. Incoronato, R. Schirò, D. Brocco</i></p>	<p>The use of white-rot fungi for the treatment of olive-mill wastewater <i>G. Panoras, A. Vagia, C. Taralas, V. Papoti, A. Guitonas, A. Zoumpoulis and P. Samaras</i></p>
18:45 – 19:00	<p>Bayesian model class selection of daily ground-level ozone prediction model <i>K. I. Hoi, K. V. Yuen, and K. M. Mok</i></p>	<p>Numerical Simulation of Phosphorus Removal in Horizontal Subsurface Flow Constructed Wetlands <i>K. A. Liolios, K. N. Moutsopoulos and V. A. Tsihrintzis</i></p>
19:00 – 19:15	<p>Aerosol black carbon levels in sub-urban area at Central Anatolia <i>S. Aslan Kilavuz</i></p>	<p>Efficiency and design parameters of waste stabilization ponds in North East Greece <i>M. Chalatsi and M. Gratziou</i></p>
19:15 – 19:30	<p>Investigation of Spatial Variation of Air Pollution around two Industrial Regions Using Polychlorinated Biphenyls (PCBs) in Soil, Air and Tree Components <i>Y. Dumanoglu, E. Ozgunerge Falay, G. Tuna, H. Altiok, M. Kara, A. Bayram, D. Tolunay, T. Elbir, M. Odabasi</i></p>	<p>Recovery and Reuse of effluent from sewage treatment plants; A Case study from Serres in Greece <i>P. Samaras, A.A. Zorpas, A. Zouboulis, C. Chatzigeorgiou</i></p>
19:30 – 19:45	<p>Contribution of natural sources on regional differences in PM10 concentrations in Turkey <i>F. Yetgin, G. Tuncel</i></p>	<p>Grey Water Treatment and Reuse Experience in the Palestinian Rural Areas <i>A.R. Abu-Rahma, A. I. Rabi</i></p>
19:45 – 20:00	<p>Air quality modeling at Concepción, Chile (36°50'S, 73°W) <i>H. Jorquera, and J. Castro-Molinare</i></p>	
<b>21:30</b>	<b>BANQUET</b>	



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<b>WEDNESDAY JUNE 26</b>	<b>ROOM C</b>
	<b>SPATIAL AND URBAN PLANNING II</b>
	<b>CHAIRS: E.K. Oikonomou, D. Vagiona</b>
09:00 – 09:15	Planning for performance in Greece: the challenges and opportunities ahead for development and environmental protection <i>E.K. Oikonomou</i>
09:15 – 09:30	The environmental impact of traffic calming measures in regenerated urban areas. The case of the interventions along the axis of Agia Sofia in Thessaloniki, Greece <i>N. Gavanas, A. Sdoukopoulos and M. Pitsiava-Latinopoulou</i>
09:30 – 09:45	Individual Perceptible Origin Accessibility: A new accessibility measure using spatial, temporal and travel data <i>F. Moustou, Y. Photis</i>
09:45 – 10:00	Informal Industrial Developments: the case of Inofita Viotias <i>A. Mourtsiadis</i>
10:00 – 10:15	Prediction of traffic conditions in the urban area of Thessaloniki <i>K. Lakakis, K. Kyriakou, P. Savvaidis</i>
10:15 – 10:30	Assessing pedestrian conditions in the center of the city of Larissa, Greece <i>A. Tsakalidis, A. Sdoukopoulos, N. Gavanas</i>
10:30 – 10:45	Planned Industrial Estates in Greece: development, management and institutional framework <i>A. Mourtsiadis</i>
10:45 – 11: 00	Strategic Planning for the development of the cultural tourism in Pelion <i>E. Bakogianni</i>



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<b>11:00 – 11:30</b>	<b>COFFEE BREAK</b>
	<b>ENVIRONMENTAL LEGISLATION AND POLICY I</b> <b>CHAIRS: V. Kanakoudis, E. Iakovou</b>
11:30 – 11:45	The role of the New Commission's proposal to minimise the climate impacts of biofuel production in energy sector <i>C.S. Psomopoulos, N. Chatziaras, G. Ioannidis and P. Karaisas</i>
11:45 – 12:00	Strategic Design and Tactical Planning for Green Supply Chains <i>I. Mallidis, D. Vlachos, E. Iakovou</i>
12:00 – 12:15	Non Ionizing Electromagnetic Fields (EMF) and the need of new public safety limits <i>M. Coraddu, A. Levis, M. Zucchetti</i>
12:15 – 12:30	Waste management and environmental permitting activities/industries <i>V. Tryfona, A. Kungolos, S. Panagopoulos, P. Dimakos, C. Panagopoulou</i>
12:30 – 12:45	How the environmental policy and legislation promoted by the European Commission influences water resources management and flooding risk reduction <i>Z. Nivolianitou</i>
12:45 – 13:00	Can regulations be a motivation for adopting eco-innovation? What can affect this process? <i>V. V. Georgatzi and Y. Stamboulis</i>
<b>13:30 – 16:30</b>	<b>BREAK</b>



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	<b>ENVIRONMENTAL INVESTMENT ASSESSMENT / ENVIRONMENTAL LEGISLATION AND POLICY II</b> <b>CHAIRS: A. Karagiannidis, E. Gidarakos</b>
16:30 – 16:45	Application of certified Environmental Management System in total activities of Western Macedonia Lignite Center of Greek Public Power Corporation <i>S. Andreadou, S. Kofidou, F. Pavloudakis, A. Kungolos, V. Tryfona-Panagopoulou</i>
16:45 – 17:00	A methodology for encouraging recycling in local level: the case of Neapoli-Sykies municipality, Hellas <i>C. Karkanias, G. Perkoulidis and A. Karagiannidis</i>
17:00 – 17:15	Investigation of technological interventions to leverage investment impact for forest protection and fire confrontation <i>A. Kanavos, D. Anastasiadou, E. Adamides and E. Houso</i>
17:15 – 17:30	Efficiency estimation and ranking of environmental projects <i>O. Alhanaqtah</i>
<b>18:00 – 18:30</b>	<b>COFFEE BREAK</b>





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	<b>TOURISM AND ENVIRONMENT / COASTAL PLANNING AND POLICY</b> <b>CHAIRS: A.A. Zorpas, D. Latinopoulos</b>
18:30 – 18:45	The impact of tourist sector in the waste management plans <i>A.A. Zorpas, I. Voukkali, P. Loizia</i>
18:45 – 19:00	The development planning of the Greek Polynesia tourism <i>S. Karagiannis, G. Exarhos, E. Bellou, C. Morres</i>
19:00 – 19:15	Laser scanning surveying in the accurate 3D modelling of simple and complex surfaces of cultural heritage <i>A. Moysiadis</i>
19:15 – 19:30	Evaluation of symbolic elements of Isparta's cultural heritage in urban identity <i>Ş. Gülin Beyhan</i>
<b>21:30</b>	<b>BANQUET</b>



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THURSDAY JUNE 27	ROOM A	ROOM B
	<b>WASTE MONITORING AND MANAGEMENT I</b>  <b>CHAIRS: K. Lasaridi, A. Zorpas</b>	<b>ENERGY AND ENVIRONMENT</b>  <b>CHAIRS: P. Kosmopoulos, P. Tsiakaras</b>
09:00 – 09:15	Food waste prevention – from theory to practice in the context of the economic crisis <i>K. Lasaridi, C. Chroni, A. Zorpas, M. Kyriacou, N. Kalogeropoulos and K. Abeliotis</i>	Metrics for the sustainability assessment of small-scale bioenergy systems <i>A. Zabaniotou, P. Manara, D. Mertzis, Z. Samaras</i>
09:15 – 09:30	Sludge production for various conventional wastewater treatment plants <i>M. Gratziou, M. Tsalkatidou and E. Savvanidou</i>	Thermal comfort conditions in the building of the school of architecture, D.U.TH <i>P. Kosmopoulos, C. Gouzeli, G. Karkanias, E. Titoni</i>
09:30 – 09:45	Utilization of Construction and Demolition Wastes (C&D W) for the production of new concrete mixtures <i>S. Mavridou, N. Oikonomou and E. Kaisidou</i>	Energy Sources and Energy Conversion Systems towards 21st Century <i>F. Tzorbatzoglou, A. Brouzgou, P. Tsiakaras</i>
09:45 – 10:00	Waste minimization practices and campaign regarding the Waste Framework Directive from insular Communities <i>A.A. Zorpas, K. Lasaridi, K. Abeliotis, I. Voukkali, P. Loizia, L. Fitiri, C. Chroni</i>	A new modeling approach for integrating Distributed Generation and Renewable Energy Sources in the electricity grid <i>J. E. Manganas, M. K. Bourdoulis, and A. T. Alexandridis</i>
10:00 – 10:15	Study on the exchange of recyclable products with agricultural products <i>K. Aravossis, C. Fountzoula</i>	Impact of Sahara dust aerosols on regional climate over the Iberian Peninsula with RegCM4 <i>R. San José, J.L. Pérez, R.M. González and J. Orte</i>
10:15 – 10:30	Landfill: a solution for disposal of Very Low Level radioactive Waste Produced at GRR-1 <i>A. Savidou, J. Feinhals</i>	Analysis of the thermal comfort conditions of the building of the technical chamber of Greece in Komotini, Greece <i>P. Kosmopoulos, L. Chalatzidou, C. Chasan</i>



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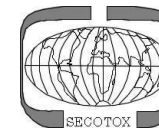


10:30 – 10:45	Cost effective Reuse of Recycled Construction & Demolition Waste in Greece <i>I. Papailiopoulos</i>	Energy balances in pyrolysis and combustion processes of pig manure <i>R. Wnetrzak, J.J. Leahy, W. Kwapinski</i>
<b>11:00 – 11:30</b>	<b>COFFEE BREAK</b>	
	<b>ENVIRONMENTAL RESTORATION / WASTE MONITORING AND MANAGEMENT II</b>  <b>CHAIRS: T. A. Gemtos, D. Dermatas</b>	<b>RENEWABLE ENERGY SOURCES</b>  <b>CHAIRS: G. Lyberatos, V. Karayannis</b>
11:30 – 11:45	Alleviation of soil degradation by whole crop biomass use <i>T. A. Gemtos, S. Fountas, C. Cavalaris, C. Karamoutis</i>	Competing with the conventional energy conversion systems: How far can Fuel Cells go? <i>G. Polymeros, K. Papageridis, A. Seretis, F. Tzorbatzoglou, P. Tsiakaras</i>
11:45 – 12:00	Remediation technologies for Hexavalent Chromium contaminated aquifers <i>E. Theologou, I. Panagiotakis, D. Dermatas, M. Chrysochoou, T. Toskos</i>	Biolubricants Production from Renewable Feedstocks <i>G. S. Dodos, D. Karonis, F. Zannikos and E. Lois</i>
12:00 – 12:15	Mobilization of Arsenic from a contaminated soil sample by Arsenate and Fe(III) reducing microorganisms <i>K. Vaxevanidou, C. Christou, D. Georgakopoulos and N. Papassiopi</i>	An eagle's CFD view of Studying Innovative Archimedean Screw Renewable Hydraulic Energy Systems <i>A. Stergiopoulou, V. Stergiopoulos and E. Kalkani</i>
12:15 – 12:30	Effects of leakage of compounds from radioactive oily waste on soil microbial community <i>S. Selivanovskaya, R. Gumerova and P. Galitskaya</i>	Jatropha curcas L: a multipurpose energy crop for bio oil production <i>E. G. Papazoglou</i>
12:30 – 12:45	Pollution prevention in Greece: some experiences from the implementation of the European programs <i>A. Mourtsiadis</i>	Socioeconomic and demographic factors that influence publics' awareness on the different forms of renewable energy sources <i>S. Karytsas, H. Theodoropoulou</i>
12:45 – 13:00	Landfill siting in Greece: the NIMBY syndrome <i>E. Kolovou, Y. Frangopoulos and D. Vagiona</i>	A detailed monitoring of a biogas plant in Northern Italy <i>J. Bacenetti, M. Negri, A. Cantore, P. Cantarella, M. Fiala</i>



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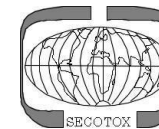


13:00 – 13:15	Reclamation with phytoremediation of area with sewage sludge deposits at Sindos Wastewater Treatment Plant, Thessaloniki (Greece) <i>N. Suchkova, D. Alifragkis</i>	Managing Construction & Demolition Waste In Greece - Technical & legislative problems <i>I. Dimitriadis</i>
13:15 – 13:30	Remediation of uranyl(ii) ions from aqueous media by magnetic chitosan resin immobilized with schiff's base derived from thiourea and glutaraldehyde <i>K. Z. Elwakeel</i>	Renewable energy technologies and built environment <i>A. M. Omer</i>
<b>13:30 – 16:30</b>	<b>LUNCH BREAK (Lunch offered for Conference participants at main hotel restaurant of Royal Mykonian Hotel)</b>	
	<b>NATURAL RESOURCES MANAGEMENT</b> <b>CHAIRS: G. Kollaros, T. Albanis</b>	<b>GREEN CHEMISTRY</b> <b>CHAIRS: A.I. Zouboulis, K.W. Schramm</b>
16:30 – 16:45	Forest roads: technical perfection, cost effectiveness and compatibility with the environment <i>V. Kollarou, G. Kollaros, and A. Athanasopoulou</i>	Applying sustainable development in terms of regional industrial symbiosis: industrial areas case <i>I.S. Antonopoulos, A.I. Zouboulis, P. Samaras and A. Karagiannidis</i>
16:45 – 17:00	Spatial multi-criteria analysis of water quality indicators for assessing the physicochemical status of water bodies in Nestos river basin <i>F. Katsogiannos, A.M. Giantsi, A. Antoniadis, L. Misopolinos, C. Skoulikaris, N. Karapetsas, G. Zalidis</i>	Phenotypic and genotypic profiling of chemicals and particulate matter in Tetrahymena spec. <i>K.W. Schramm, Rathore Rajesh</i>
17:00 – 17:15	Ecological status assessment of Pikrodafni stream (Attica, Greece), restoration and management measures <i>E. Dimitriou, V. Markogianni, A. Mentzafou, I. Karaouzas, S. Zogaris</i>	Effect of coagulation and ozonation on the toxicity of molasses wastewater effluents by using <i>Vibrio fischeri</i> <i>K. S. Ziavrou, P. Samaras and A. Zouboulis</i>
17:15 – 17:30	Olive tree ( <i>Olea europaea</i> L.) products: a potential utilization of olive wood as a raw material for carpentry <i>K. Giagli</i>	Adsorption of anionic textile dyes onto fly ash from aqueous solutions <i>N. Ayar, A. Engin Kurtoğlu, G. Atun</i>



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17:30 – 17:45	Monitoring and management of highway run-off waters. The “Egnatia odos” highway case study <i>Th. Valkouma, V. Papadopoulos and G. Palantzas</i>	Study on the Use of SrO/SiO <sub>2</sub> as Solid Heterogeneous Catalyst for an Efficient and Eco Friendly Synthesis of Biodiesel <i>G. Anastopoulos, D. Karonis and D. Chilari</i>
17:45 – 18:00	The future of Clean Coal Technologies by controlling the Pollutant Spread and Increasing the Efficiency <i>A. Mator and A. Aghajani</i>	
<b>18:00 – 18:30</b>	<b>COFFEE BREAK</b>	
	<b>ECOSYSTEMS ANALYSIS AND PROTECTION / GLOBAL CLIMATE CHANGE</b>  <b>CHAIRS: A. Liakopoulos, A. Mertzanis</b>	<b>INDUSTRIAL WASTE</b>  <b>CHAIRS: S. A. Haroutounian, A. Vlyssides</b>
18:30 – 18:45	Impact of Roads on Ecologic Conditions <i>V. Kollarou, K. Lantitsou, A. Athanasopoulou and G. Kollaros</i>	DIONYSOS PROJECT (LIFE03ENV/GR/000223): Development of an economically viable process for the integrated management via utility of winemaking industry wastes <i>G. Kazantzoglou, P. Magiatis, A.-L. Skaltsounis, I. Spanos and S. A. Haroutounian</i>
18:45 – 19:00	CALCHAS (LIFE08ENV/GR/000558): Development of an Integrated Analysis System for the effective fire conservancy of forests <i>A. Sotiropoulos, I. Spanos, N. Karava, S. A. Haroutounian, C. Kiranoudis, F. Karaikos, V. Pasiias</i>	Production of biodegradable plastics from synthetic substrates and crude glycerol via enriched bacterial cultures <i>I. Koumelis, G. Dimitrelos, I. Ntaikou, G. Lyberatos</i>
19:00 – 19:15	Removal of cypermethrin by the seaweed, <i>Gracilaria lemaneiformis</i> <i>Z. H. Wang, W. J. Yue</i>	Effect of Fenton oxidation pretreatment of olive mill wastewater on anaerobic sludge activity <i>A. Vlyssides, S. Mai, E.M. Barampouti, S. Loutatidou</i>



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19:15 – 19:30	Biological and agrochemical properties of soils on uncultivated slopes <i>P. Galitskaya, S. Selivanovskaya and E. Mamaeva</i>	Environment-friendly Exploitation of Industrial By-products in Pavement Layers <i>A. Athanasopoulou and G. Kollaros</i>
19:30 – 19:45	On the systematic implementation of artificial neural networks in the classification of variance images and shoreline extraction <i>A. Rigos, M. I. Vousdoukas, G. E. Tsekouras, A. Velegrakis</i>	Alternative technologies for olive mill wastewater management: The Oleico+ experience <i>K. Chartzoulakis, N. Kalogerakis, F. Santori, G. Psarras and G. Kontaxakis</i>
19:45 – 20:00		Elaboration of new asymmetric carbon/carbon microfiltration and ultrafiltration Membranes: application to the treatment of textile industrial wastewater <i>N. Tahri, I. Jedidi, R. Ben Amar</i>
20:00 – 20:15		Effect of electric arc furnace dust (EAFD) on dynamic creep of asphalt concrete mixtures <i>T. Khedeywi and M. Alsheyab</i>



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<b>THURSDAY JUNE 27</b>	<b>ROOM C</b>
	<b>VISUAL IMPACT AND NOISE POLLUTION / ENVIRONMENTAL EDUCATION / SUSTAINABLE PRODUCTION AND CONSUMPTION</b>  <b>CHAIRS: G. Kollaros, E. Papazoglou</b>
09:00 – 09:15	Dwelling buildings and traffic noise in urban areas <i>A. Athanasopoulou, G. Kollaros</i>
09:15 – 09:30	Recommendations for the most efficient Environmental Education in primary schools <i>K. Kyrou, M. Defigou, G. Rogari</i>
09:30 – 09:45	Assessing Visual Impacts of Roadway Construction Projects <i>G. Kollaros and A. Athanasopoulou</i>
09:45 – 10:00	Roadside Improvements to Mitigate Traffic Noise <i>G. Kollaros and A. Athanasopoulou</i>
10:00 – 10:15	Sustainability in logistics and implementation of evaluation method in the logistics centers of Beiersdorf Hellas & Elais-Unilever <i>P. Andrianopoulos, A. Kappatou</i>
<b>11:00 – 11:30</b>	<b>COFFEE BREAK</b>



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	<b>URBAN AEROSOLS AND HEALTH EFFECTS</b>
	<b>CHAIRS: N. Moussiopoulos, D.A. Sarigiannis</b>
11:30 – 11:45	Environmental Impact on Health. The Sick Building Syndrome: indoor air pollution and stress at the workplace <i>I. Nezis, K. Eleftheriadis, P. Stamatis, C. Kotampasi, S. Vratolis, E. Diapouli, and P. Nicolopoulou-Stamati</i>
11:45 – 12:00	Impact of Thermal Effect on Wind Flow and Pollutant Dispersion in an Urban Street Canyon <i>I. Ossanlis, N. Moussiopoulos and P. Barmpas</i>
12:00 – 12:15	PM attributed mortality and morbidity due to biomass use in Thessaloniki – estimation of socioeconomic cost <i>D.A. Sarigiannis, S. Karakitsios, M. Kermenidou</i>
12:15 – 12:30	Gas-vapor phase elements transfer at high temperature anthropogenic processes <i>A. Y. Devyatova, N.V. Yurkevich</i>
12:30 – 12:45	When “Human Lungs” Are Considered Landfills For The Global Gaseous Waste Dismangement <i>Mohammad R Al-Agha</i>
<b>13:30 – 16:30</b>	<b>LUNCH BREAK (Lunch offered for Conference participants at main hotel restaurant of Royal Mykonian Hotel)</b>

**FRIDAY JUNE 28**

**Field trip to Delos and Renia islands (optional)**



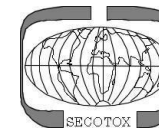
**POSTER PRESENTATIONS**

TUESDAY JUNE 25			
A01	Comparison of heavy metals concentrations in fish samples from three fish farms (Eastern Mediterranean) utilizing antifouling paints <i>J. Castritsi-Catharios, N. Neofitou and A.A. Vorloou</i>	A16	BTEX, MTBE and TAME adsorption on natural materials: column experiments <i>M. Aivalioti and E. Gidarakos</i>
A02	Cytotoxic and oxidative effects of the antiepileptic drug carbamazepine on the green algae <i>Dunaliella tertiolecta</i> and mixed primary culture of mussel hemocytes <i>P. Tsiaka, P. Mallioris, V. Tsarpali, I. Ntaikou, O. Paxinos, M.N. Karadaneli and S. Dailianis</i>	A17	Solid State Electrochemistry Aided CO <sub>2</sub> Conversion to Synthetic Fuels <i>G. Polymeros, M. Ioanniti, K. Papageridis, S. Mitri, P. Tsiakaras</i>
A03	ToxOtis: A Java Interface to the OpenTox Predictive Toxicology Network <i>P. Sopasakis and H. Sarimveis</i>	A18	Removal of Pb(II) and Cd(II) from aqueous solutions using an asbestos derived zeolite <i>V. Kapenis, F.-M. Peller, K. Anastasiadou, D. Pentari, E. Gidarakos</i>
A04	JAQPOT RESTful Web Services: An Implementation of the OpenTox Application Programming Interface for On-line Prediction of Toxicological Properties <i>P. Sopasakis and H. Sarimveis</i>	A19	Modeling of selenium adsorption for remediation of contaminated aquatic systems <i>S. Hacıyakupoglu, E. Orucoglu, A. N. Esen, S. Yusan and S. Erenturk</i>
A05	Effects of Chlorpyrifos on the expression profiles of oxidative stress genes in rainbow trout ( <i>Oncorhynchus mykiss</i> ) <i>A. Benedetto, M. C. Abete, M. Prearo, A.C. Elia, S. Squadrone</i>	A20	Plasma spray deposition and characterization of catalytic coatings for environmental application <i>V. Grigaitienė, V. Valinčius, V. Snapkauskienė</i>
A06	Chemical and ecotoxicological analyses of soils historically contaminated with PAHs <i>A. Klimkowicz-Pawlas, B. Maliszewska-Kordybach, B. Smreczak</i>	A21	Modeling of mass transfer of uranium on different nanoadsorbents for the remediation of contaminated aquatic system <i>S. Yusan, S. Erenturk</i>



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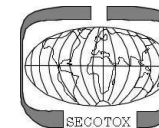


A07	Oxidative Stress Biomarkers in Bullfrog Tadpoles Exposed to Roundup Original® <i>D. A. Monteiro, A. L. Kalinin, F. T. Rantin, C. S. Carvalho, M. J. Costa</i>	A22	The content of heavy metals in soil and soil fauna <i>A. Chrzan</i>
A08	Effect of cadmium chloride on stress oxidative biomarkers of bullfrog tadpoles <i>C. S. Carvalho, M. J. Costa, I.M. Soriano, F. Urban, M.N. Fernandes</i>	A23	Occurrence of nonylphenol, octylphenol, and their related substances in wastewater in Japan <i>K. Komori, Y. Suzuki, K. Murayama and M. Minamiyama</i>
A09	Simultaneous Determination of Microcystins and Anatoxin-a Using UPLC-MS/MS in the Han River, Korea <i>H.S. Kwon, C.M. Park, H.S. Choi, S.U. Kang, Y.J. Choi</i>	A24	Degradation of bentazone applied in aerobic and flooded paddy soils under conventional and no-tillage practices <i>J. Sánchez-Llerena, D. Becerra, D. Peña, A. López-Piñero, D. Fanguero, L. Cox, A. Albarrán and M. Diaz</i>
A10	Inhibition effects of different sol-gel based TiO <sub>2</sub> nano particles on activated sludge <i>F. Çiner, R. Çalhan, H. Selçuk</i>	A25	Behaviour and fate of metribuzin in one Mediterranean soil amended with fresh and composted two phase olive mill waste <i>A. López-Piñero, A. Albarrán, D. Peña, D. Becerra, J. M. Rato and J. Sánchez-Llerena</i>
A11	Influence of sorption on bioavailability and biodegradation of secondary alkane sulfonates (SAS) in marine sediments <i>R. M. Baena-Nogueras, E. González-Mazo, P. A. Lara-Martín</i>	A26	Adsorption and leaching of MCPA through columns of undisturbed olive grove soil amended with de-oiled two-phase olive mill waste <i>D. Peña, A. López-Piñero, A. Albarrán, J. Sánchez-Llerena, J. M. Rato, L. Cox and D. Becerra</i>



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A12	Adsorption-desorption and persistence of S-metolachlor with repeated addition of two phase olive mill waste in a representative olive grove soil <i>A. Albarrán, A. López-Piñero, D. Peña, D. Becerra, J. Sánchez-Llerena, and J.M. Rato</i>	A27	Toxicological assessment of the effects of closed landfill on neighboring hydroecosystem <i>G. Svecevičius, N. Kazlauskienė, A. Slučkaitė, T. Makaras</i>
A13	Concentrations of suspended particles in polluted areas of Northern Greece <i>V. Evagelopoulos, M. Petrakakis, S. Zoras, A. Kelessis, D. Sotiropoulos</i>	A28	Marine Pollution Factors of Ship Traffic at the Strait of Istanbul <i>S. Can, T. Satir, B. Ozsoy-Cicek, T. Kececi, T. Isiacik Colak, N. Akyuz</i>
A14	Indoor air pollution <i>D. Pournaras</i>	A29	A sediment quality survey in a multi-use coastal area Silivri bay, sea of Marmara, Turkey <i>G. Aiello, D. Barra, M. Guida, R. Parisi, M. Toscanesi, C. Tosun, M. Trifuoggi, F. Ekemkyapar, S. Meriç Pagano</i>
A15	Evaluation of water quality of a mountainous stream (Pelion, Central Greece) using benthic macroinvertebrates <i>C.I. Rumbos and A. Kungolos</i>	A30	Algal toxicity test to evaluate the effect of odor-abating volatile compounds released in confined environments <i>M. Mingazzini and M.T. Palumbo</i>

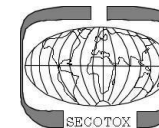
**POSTER PRESENTATIONS**

WEDNESDAY JUNE 26			
B01	An OpenFoam based distributed model of water motion and water quality for the reconstituted lake Karla, Thessaly, Greece <i>D. Kalogianni, I.E. Sarris, A. Liakopoulos</i>	B15	Geomorphological evolution and climate change caused by river damming: The case of Acheloos river (Greece) <i>A. Mertzanis</i>
B02	Use of Electrochemical Methods for the Reduction of Scaling In Subsoil Water <i>S. Ghizellaoui</i>	B16	Using indicators to monitor and evaluate Spatially Managed Areas: lessons learned from a case study in Greek waters <i>V. Vassilopoulou, A. Kokkali, Y. Issaris, A. Palialexis, A. Dogrammatzi, S. Katsanevakis and P. Panagiotidis</i>
B03	Cationic dye adsorption onto natural and synthetic zeolites in the presence of Cs <sup>+</sup> and Sr <sup>2+</sup> ions <i>N. Ayar, G. Keçeli, A. Engin Kurtoğlu, G. Atun</i>	B17	Threats to the coastal environment and wetlands in river deltas of Epirus (Northwest Greece) <i>A. Mertzanis, K. Papadopoulou, G. Goudelis, A. Papadopoulos, G. Efthimiou</i>
B04	Long term irrigation impact on soil organic matter under Mediterranean conditions <i>J. M. Nunes, A. Piñeiro, L. C. Loures, A. Albarran, A. Peña</i>	B18	Comparative observations of the coastal zone geomorphological evolution in Northeastern Italy and Western Greece <i>A. Mertzanis, F. Marabini, M. G. Angeli, P. Gasparetto, F. Pontoni and K. Mertzanis</i>
B05	Green market comparative study in Romania <i>M. Panainte, I. Caraman, V. Nedeff, V. Inglezakis, C. Venetis, P. Coustikos, G. Lazar and N. Barsan</i>	B19	Impact on geomorphic processes and climate change due to opencast bauxite mining in the fir forest of Mount Ghiona, central Greece <i>A. Mertzanis and K. Mertzanis</i>
B06	Adoption of energy efficient products in households: some results from survey in Kaunas city <i>R. Dagiliūtė, J. Žaltauskaitė</i>	B20	Long term sea surface temperature analysis in Black Sea and the Sea of Marmara <i>T. Kececi, B. O. Cicek, S. Can, T. I. Colak, T. Satir, I. Ozemur</i>



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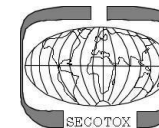


B07	European land cover mapping systems; from a global to a regional scale <i>A. Moysiadis and K. Perakis</i>	B21	Methane emissions from rice soils in aerobic and anaerobic conditions with conventional tillage and direct seeding <i>D. Becerra, J. Sánchez-Llerena, A. López-Piñeiro, D. Fangueiro, A. Albarrán, D. Peña</i>
B08	Oil spill detection from RADARSAT SAR images by remote sensing <i>T. Isiacik Colak, B. Ozsoy Cicek, S. Can, T. Kececi, T. Satir, N. Akyuz</i>	B22	Start-up and performance of a semi-continuous hydrogen producing reactor using real urban waste <i>S. Zahedi, D. Sales, R. Solera</i>
B09	The Meaning of Contemporary Architectural Landmarks. The Case of 3 Lithuanian Cities <i>A. Bruzas</i>	B23	Atmospheric water vapour plasma torch for hydrogen-rich gas production from wastes <i>V. Grigaitienė, A. Tamošiūnas and P. Valatkevičius</i>
B10	Participation problems in world heritage sites management Pamukkale – Türkiye <i>S. E. Torlak</i>	B24	The contribution of school architecture to the growing ecological awareness of students <i>S. K. Georgopoulou</i>
B11	Environmental education in the Orthodox Church through actions for youth. Case of Holy Mitropolis Neapoleos and Stavroupoleos <i>I.G. Peristeridis, S. Katharopouloulos, M. Gialeli, A. Vorria and A. Kungolos</i>	B25	Microalgal cultivation and biofuel production – Effect of nitrogen restriction <i>G. Papapolymerou, X. Spiliotis, V. Karayannis, N. Gougoulas, D. Kasiteropoulou</i>
B12	Water: a common issue in environmental education: Similarities and differences in secondary general and technical education in an environmental stressed area in Greece <i>C. Papavasileiou, A. Mavrakis</i>	B26	Determination of some heavy metals, chlorinated hydrocarbons and PAHs in the salt and water from the al Jabboul saline of Syria <i>M. Kamal, P. Ekici, K.-H. Bromig, M. Wiesheu and A. Friess</i>
B13	Analysis of Taste and Odor derived Sulfur Compounds using SPME-GC/MS in the Han River, Korea <i>H.S. Choi, C.M. Park, K.J. Choi, H.S. Kwon, S.U. Kang, Y.J. Choi</i>	B27	Relationship between chlorophyll a concentration and sea surface temperature in the Strait of Lesvos, Greece using GIS and satellite data <i>D. Kitsiou and K. Topouzelis</i>



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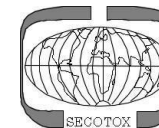
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B14	Leaching behavior of bricks produced from extruded clay/industrial solid by-product mixtures <i>V. Karayannis, P. Samaras, X. Spiliotis, V. Tsiridis, A. Domopoulou, K. Gudulas, G. Papapolymerou</i>	B28	Analysis of PM10 concentrations in the urban area of Volos, Greece <i>V. Raftopoulou, G. Proias, A. Kungolos</i>
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**POSTER PRESENTATIONS**

THURSDAY JUNE 27			
C01	Zeolite type A' production from Greek chrysotile asbestos <i>K. Anastasiadou, D. Kalderis, F. Simantiraki, E. Gidarakos</i>	C17	Development of a method for the simultaneous determination of pesticides by GC-MS and LC-MS: Optimization of the Solid Phase Extraction procedure using an experimental design approach <i>M. Kapsi, C. Tsoutsi and T. Albanis</i>
C02	Synthesis and characterization of two novel peroxo W(VI) and Mo(VI) complexes. Study of their catalytic activity in environmentally benign reactions <i>V. Tsitsias, A. Maniatakou, E.K. Efthimiadou, A.G. Kontos, P. Falaras and A. Karaliota</i>	C18	Monitoring the occurrence and distribution of selected Organophosphates and Carbamate pesticides residues in ecosystem of Lake Naivasha, Kenya <i>P. Otieno, P. Okinda Owuor, J.O. Lalah, G. Pfister, K-W. Schramm</i>
C03	Epoxidation of soybean oil in bulk with peracetic acid in the presence of an ion exchange resin <i>S. Sinadinović-Fišer, M. Janković, O. Govedarica and Ž. Knez</i>	C19	Occurrence of pharmaceutical active compounds in surface waters (Epirus, Greece) and environmental risk assessment <i>C. I. Nannou, Ch. I. Kosma and T. A. Albanis</i>
C04	Natural treatment of wastewater in rural communities <i>I. Di Termini, A. Prassone and M. Rovatti</i>	C20	Removal of Dyes from Aqueous Solutions using Styrene/Acrylic acid / Organophilic Montmorillonite Nanocomposite prepared by gamma radiation <i>S. El-Sigeny, S.K. Mohamed, M.F. Abou Taleb</i>
C05	Is the tolerance to ambient contaminants a possible strategy for cyanobacterial blooming? <i>M. Mingazzini and M.T. Palumbo</i>	C21	Study of surface water and ground water quality in Amyntaio basin, Greece <i>K. Gudulas, K. Voudouris, G. Soulios, G. Dimopoulos</i>



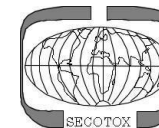
C06	Determining distribution of heavy metal pollution in terms of ecological risk levels in the industrially intensive areas around Istanbul <i>S. Hacıyakupoglu, A. N. Esen, S. Erenturk, Z. Camtakan, S. Kızıltas, M. Okka, M. Genceli, M. Mercimek, E. Genceli, S. Yusan, F. Gur, K. Olgen, T. Tanbay</i>	C22	Contributing factors to the occurrence of landslide phenomena and geomorphological changes at the N.W. of Evia island (Greece) <i>K. Papadopoulou-Vrynioti, D. Tsagkas and A. Mertzanis</i>
C07	Recycling of a copper flue dust via leaching-solvent extraction processing <i>F. J. Alguacil, I. Garcia-Diaz, F. A. Lopez, O. Rodriguez, M. Alonso</i>	C23	Stir bar sorptive extraction of micropollutants and determination by gas chromatography coupled to several types of mass spectrometers <i>M.G. Pintado-Herrera, E. González-Mazo, P.A. Lara-Martín</i>
C08	Economic evaluation of a biogas production system co-digesting whey and liquid extract of diluted semi-composted poultry manure <i>A. Spyroudi, D. Georgakakis</i>	C24	Improving waste of electrical and electronic equipment recycling performance using concepts from environmental psychology <i>K. Papaoikonomou, M.-N. Duquenne, S. Bakopoulou and A. Kungolos</i>
C09	Oxidation process for excess sludge of food waste <i>Wassate Bouchra, El Falaki Khadija, Karhat Younes, B. El Amrani</i>	C25	Pyrolysis conversion of polycarbonate wastes into valuable products <i>E. V. Antonakou and D. S. Achilias</i>
C10	2-thiophene carboxaldehyde as corrosion inhibitor for zinc in phosphoric acid solution <i>M. Boulkroune &amp; A. Chibani</i>	C26	New mutants of NDO with increased PAH interaction capabilities studied by means of Molecular dynamics and Docking Calculation <i>V. Librando, M. Pappalardo, Z. Minniti</i>
C11	Corrosion inhibition of zinc in acidic solution by some thiophene derivatives <i>M. Boulkroune and A. Chibani</i>	C27	PM indoor/outdoor mass concentration and chemical analysis during a period of extensive fireplaces use in Athens <i>D. E. Saraga, S. Karavoltsos, A. Sakellari, C. Vasilakos and T. Maggos</i>





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C12	Molecular Structure of fulvic acids during tannery waste composting <i>F. Benlboukht, S. Amir, P. Winterton, L. Lemee, A. Amblès, M. Hafidi</i>	C28	The impact of subsurface irrigation with untreated municipal wastewater on the concentration distribution of $K^+$ , $Na^+$ and $PO_4^{3-}$ <i>A. Tsigoida and I. Argyrokastritis</i>
C13	Hydrogen production from glycerol. A byproduct of biodiesel <i>A. Seretis, G. Polymeros, K. Papageridis, P. Tsiakaras</i>	C29	Marginal land exploitation by physic nut <i>K. Serelis, E.G. Papazoglou, and A. Tsigoida</i>
C14	Production of renewable hydrogen by photocatalytic reforming of biomass components and derivatives at ambient conditions <i>A. Petala and D.I. Kondarides</i>	C30	Behavioral responses in aquatic animals to sublethal effects of copper <i>N. Kazlauskienė, G. Svecevičius, A. Slučkaitė, E. Taujanskis</i>
C15	Effect of organic loading and influent source on energy production at the multi baffled single chamber microbial fuel cell <i>H. S. Kim, B. G. Kim, J. C. Yu, and J. Y. Kim</i>	C31	Geomorphological changes and instability effects on the landforms, in artificially modulated slopes along the motorway 1 (A1) in Greece <i>A. Mertzanis, K. Papadopoulou, A. Papadopoulos and F. Tziaftani</i>
C16	Probabilistic and deterministic risk assessment of benzene from industrial oil refinery complexes in South Korea <i>Y. Jang, Y. Shin, S. Lee and G. Kim</i>		