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Essays on Ecosystem and Environmental Research



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Opening Remarks, ICE2017, 3 June, 2017**Greetings**

Dear participants, professors, scientific researchers, and friends of the ecosystem, today we hold this international conference with research and studies with focus on ecosystems. We look at the composition and the relationships within ecosystems. The scientific research centers on environmental components, energy, climate, and even applied physics and chemistry. We evaluate factors of biodiversity, forests, biological and socioeconomic relationships, health of ecosystems and many more.

I am so happy to see that your multi-year scientific work is shaping up in ICE2017. Scientific research and publication are difficult processes, requiring hard work, patience, and financial support. The key is collaboration, between all of us. Together we can accomplish many great things.

Let me thank all participants from more than 35 universities and institutes, professors and researches in this conference from Turkey, Kosovo, Italy, Ukraine, Moldova, Bosnia-Herzegovina, Albania and USA; the Albanian, Turkish, Italian, Macedonian, Ukrainian, and American team that make this international conference possible; and also the Albanian Institutions of the Ministry of Environment, and the Ministry of Education and Sport.

Thank you All***Now, let me present to you the leading team of this international conference:***

Professor Dr. Massimo Zucchetti, Polytechnic of Torino, Italy and visiting professor in MIT, USA;

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Thank you for your attention and support for this conference. I hope for a good success of ICE2017.

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067	3D GEOLOGICAL MODEL APPLIED ON MUNELLA OREBODY MINERALIZATION	Sirelda Bele¹, Megli Bele²	¹ Albanian Geological Survey, Tirana, Albania; ² Albanian Geological Survey, Tirana, Albania;	Albania
072	DETERMINATION OF SOME HEAVY METALS IN SOME WINES OF KOSOVO	Bedri Dragusha¹, Muhamet Zogaj¹, Xhavit Ramadani¹, Lush Susaj²	¹ Faculty of Agriculture and Veterinary, Department of Food Technology and Biotechnology, University of Prishtina, Kosovo; ² Faculty of Agriculture and Environment, University of Tirana, Albania;	Kosovo
074	MORPHOLOGICAL VARIATION OF BEARBERRY POPULATIONS (ARCTOSTAPHYLOSUVA-URSI L. SPRENG) IN DIBRA REGION	Zyber Gjoni^{1*}, Foto Kashta², Nikoll Bardhi³	^{1*} Polytechnic University of Durrës, Albania; ^{2,3} Agricultural University of Tirana, Albania;	Albania
075	DISTRIBUTED ENERGY RESOURCES, THEIR GENERATION SYSTEMS, AND TURKEY	Mehmet Keskin KILIC¹, Fatma CANKA KILIC^{1,*}, Durmus KAYA²	¹ Department of Electrical and Energy, Kocaeli Vocational School, Kocaeli University, Mahmutpaşa Mah. Mahmutpaşa Cad. No: 151, 41140 Kullar/Başiskele/Kocaeli, Turkey; ² Department of Energy Systems Engineering, Faculty of Technology, Kocaeli University, 41380 Umuttepe, Kocaeli, Turkey;	Turkey
076	PIPERINE EXTRACTED FROM BLACK PEPPER ANOTHER PROPRIATE GREEN INHIBITOR AGAINST THE CORROSION OF METALS	Jolda Zotaj¹, Arlinda Çaçi¹, Fatos Ylli², Krenaida Taraj, Sadik Cenolli¹, Joana Kokalari³, Alketa Lame¹, Efrosini Kokalari (Teli)^{1*},	^{1*} Department of Chemistry, Faculty of Natural Sciences Tirana, Albania; ² Institute of Applied Nuclear Physics, Tirana, Albania; ³ Department of Biotechnology, Faculty of Natural Sciences Tirana, Albania;	Albania
079	THE CONSERVATION OF REPRESENTATIVE NATURAL COMPONENTS IN SOME PROTECTED AREAS IN MOLDOVA'S CENTRAL REGION	Liogchii Nina, Begu Adam	Institute of Ecology and Geography of Academy of Science of Moldova; Republic of Moldova; Natural and Anthropical Ecosystems Department,	Moldova

			Chisinau, Republic of Moldova;	
080	CAPACITY INCREASE AND ENERGY EFFICIENCY IMPROVEMENT STUDIES IN A BIOGAS POWER GENERATION PLANT	Mehmet Keskin KILIC¹, Nurettin ABUT², Fatma CANKA KILIC^{1,*}, Volkan COBAN³, Durmus KAYA³	¹ Department of Electrical and Energy, Kocaeli Vocational School, Kocaeli University, Mahmutpaşa Mah. Mahmutpaşa Cad. No: 151, 41140 Kullar/Başiskele/Kocaeli, Turkey; ² Department of Electrical Engineering, Faculty of Engineering, Kocaeli University, 41380 Umuttepe, Kocaeli, Turkey; ³ Department of Energy Systems Engineering, Faculty of Technology, Kocaeli University, 41380 Umuttepe, Kocaeli, Turkey;	Turkey
086	QUALITY OF FRUIT JUICES IN KOSOVO MARKET	Ramadani Xhavit¹, Dragusha Bedri¹, Krasniqi Avni²	¹ Faculty of Agriculture and Veterinary; University "Hasan Prishtina", Prishtinë, Bulevard "Bill Clinton", Prishtinë, Republic of Kosovo; ² Faculty of Geoscience and Technology, University "Isa Boletini", Mitrovicë, Republic of Kosovo;	Kosovo
087	ECOLOGICAL RESEARCH OF ENDEMIC GASTROPOD SPECIES VALVATA HIRSUTECOSTATA FROM LAKE OHRID	Biljana Budzakoska Gjoreska¹, Sasho Trajanovski¹, Sonja Trajanovska²	¹ Department of benthic fauna, PSI Hydrobiological Institute Ohrid, Macedonia; ² Department of hydrobotany, PSI Hydrobiological Institute Ohrid, Macedonia;	Macedonia
088	EFFECTS OF CERTIFICATION OF THE WHEAT FIELDS AND SEED YIELD	Shukri Fetahu¹, Imer Rusinovci¹, Sali Aliu¹, Avni Behluli¹ Qendrim Shabani¹, Kushtrim Gashi¹, Ylber Hoti¹, Besnik Sadriu², Burim Ahmeti²	¹ University of Prishtina, Faculty of Agriculture and Veterinary, R. of Kosova; ² Agency of Food and Veterinary, Prishtina. R. of Kosova;	Kosovo
091	EVALUATION OF THE CORROSION RESISTANCE OF CARBON STEEL IN 3% NaCl SOLUTION IN PRESENCE OF 2- AMINOPYRIDINE	Areta Alinj¹, Bujar Seiti², Klodian Khanari²	¹ Department of Chemistry, Faculty of Technical Sciences, "Ismail Qemali" University, Vlora,	Albania

			Albania; ² Department of Chemistry, Faculty of Natural Sciences, University of Tirana, Tirana, Albania;	
093	DISTRIBUTION, ECOLOGY AND MORPHOLOGICAL VARIABILITY OF CHARA GLOBULARIS THUILLIER, 1799 FROM LAKE OHRID	Sonja Trajanovska¹, Marina Talevska¹, Alma Imeri², Biljana Budzakoska Gjoreska³ & Sasho Trajanovski³	¹ Department of hydrobotany, PSI Hydrobiological Institute Ohrid, Macedonia; ² Agricultural University of Tirana, Koder-Kamez, 1029, Tirane, Albania; ³ Department of benthic fauna, PSI Hydrobiological Institute Ohrid, Macedonia;	Macedonia
095	ECONOMIC TREND FOR 2015 IN ALBANIA	Ariola Kaza	European University of Tirana, Albania;	Albania
101	IMPORTANCE AND APPLICATION IN CHEMISTRY AND LANDSCAPE ARCHITECTURE OF ROSA DAMASCENA MILL. AS A MEDICINAL AROMATIC PLANT	Fadim Yemiş¹, Nilgün Yenil^{1*}, Sukru Dursun², Bahriye Gülgün³	¹ Celal Bayar University, Sciences & Arts Faculty, Chemistry Department, 45030, Muradiye, Manisa, Turkey; ² Selçuk University, Engineering Faculty, Environmental Engineering Department, 42003 Konya, Turkey; ³ Ege University, Agriculture Faculty, Landscape Architecture Department, 35100, Bornova, Izmir, Turkey;	Turkey
102	CHEMICAL APPROACH TO GREEN SUB-STRUCTURES	Fadim Yemiş¹, Nilgün Yenil^{1*}, Sukru Dursun², Bahriye Gülgün³,	¹ Celal Bayar University, Sciences and Arts Faculty, Chemistry Department, 45030, Muradiye-Manisa, Turkey ² Selçuk University, Engineering Faculty, Environmental Engineering Department, 40003 Konya, Turkey ³ Ege University, Agriculture Faculty, Landscape Architecture Department, 35100, Bornova-İzmir, Turkey	Turkey
103	THE EFFECTS OF HEAVY METAL POLLUTANTS ON SOIL	Fadim Yemiş¹, Nilgün Yenil^{1*}, Sukru Dursun²	¹ Celal Bayar University, Sciences and Arts Faculty, Chemistry Department, 45030, Muradiye-Manisa, Turkey	Turkey

			² Selçuk University, Engineering Faculty, Environmental Engineering Department, Konya, Turkey	
104	GEOGRAPHIC DISTRIBUTION ASSESSMENT OF THE MAIN WHEAT LEAF DISEASES IN ALBANIA	Belul Gixhari¹, Hekuran Vrapi², Hajredin Toca², Adriatik Çakalli¹, Thanas Ruci²	¹ Institute of Plant Genetic Resources, Agricultural University of Tirana, Tirana, Albania; ² Plant Protection Department, Agricultural University of Tirana, Tirana, Albania;	Albania
106	GREEN INFRASTRUCTURE SYSTEMS AND APPROACHES IN LANDSCAPE RESTORATION	Kübra YAZICI¹, Bahriye GÜLGÜN ASLAN²	¹ Ege University, Agriculture Faculty, Landscape Architecture Dept, Izmir, Turkey; ² Gaziosmanpasa University, Agriculture Faculty, Horticultural Crops Dept, Tokat, Turkey;	Turkey
107	IMPORTANCE AND ENVIRONMENTAL EFFECTS OF PLANT GROWTH REGULATORS ON CUT FLOWER CULTIVATION	Kübra Yazici¹ Bahriye Gülğün Aslan² Şükrü Dursun³	¹ Gaziosmanpasa University, Agriculture Faculty, Horticultural Crops Dept, Tokat, Turkey ; ² Ege University, Agriculture Faculty, Landscape Architecture Dept, Izmir, Turkey; ³ Selçuk University, Engineering Faculty, Environmental Engineering Dept, Konya, Turkey;	Turkey
108	THE ROLE AND IMPORTANCE OF LANDSCAPE ARCHITECTURE PREVENTING VISUAL POLLUTION FOR A HABITABLE ENVIRONMENT; THE EXAMPLE OF İZMİR	Bahriye GÜLGÜN ASLAN¹, Kübra YAZICI²	¹ Ege University, Agriculture Faculty, Landscape Architecture Dept, Izmir, Turkey; ² Gaziosmanpasa University, Agriculture Faculty, Horticultural Crops Dept, Tokat, Turkey;	Turkey
109	BIOLOGICAL PRECAUTIONS IN NOISE POLLUTION AND LANDSCAPE ARCHITECTURE	Bahriye Gülğün Aslan¹, Şükrü Dursun², Kübra Yazici³	¹ Ege University, Agriculture Faculty, Landscape Architecture Dept, Izmir, Turkey; ² Selçuk University, Engineering Faculty, Environmental Engineering Dept, Konya, Turkey; ³ Gaziosmanpasa	Turkey

			University, Agriculture Faculty, Horticultural Crops Dept, Tokat, Turkey;	
110	ALFALFA STANDS AGE A VERY IMPORTANT FACTOR FOR BIOMASS PRODUCTION	Vjollca Ibro¹, Rushit Suna², Shkelzen Alla¹, Ndoc Vata¹	¹ Department of Plant Sciences and Technologies, Agriculture University of Tirana, ALBANIA; ² Experimental Farm, Agriculture University of Tirana, ALBANIA;	Albania
111	MODELING AND FORECASTING OF TIMBER PRODUCTION IN TURKEY	Nadir ERSEN¹, İlker AKYÜZ², Bahadır Çağrı BAYRAM³, Tutku ÜÇÜNCÜ³	¹ Artvin Çoruh University, Vocational School, Department of Forestry and Forest Production, Artvin, Turkey; ² Karadeniz Technical University, Forest Faculty, Department of Forest Industry Engineering, Trabzon, Turkey; ³ Kastamonu University, Forest Faculty, Department of Forest Industry Engineering, Kastamonu, Turkey;	Turkey
115	AN EXPERIMENTAL INVESTIGATION OF BIOGAS PURIFICATION WITH GRANULATED SLAG UNDER DIFFERENT PRESSURES	Mustafa KARAGÖZ^a, Nuri TUNÇ^b, Burak ÇİFTÇİ^a, Emrah DENİZ^c	^a TOBB Tech. Sciences Vocational School, Karabuk University, Turkey; ^b Graduate School of Natural & Applied Sciences, Department of Mechanical Engineering, Karabuk University, Turkey; ^c Faculty of Engineering, Department of Mechanical Engineering, Karabuk University, Turkey	Turkey
116	THE EVALUATION OF INSOLATION INDEXES IN SOME REGIONS OF ALBANIA	Andi Mankolli¹, Hysen Mankolli²³	¹ Department of Physics, University of Illinois at Urbana-Champaign, USA; ^{2*} Environment Health Association, Albania; ³ The ESSIC Business Office, ID: 13200 consulting project, Maryland University, USA;	USA
121	LONG-TERM TRENDS OF	Tahsin TONKAZ¹,	¹ Ordu University,	Turkey

	SUNSHINE DURATIONS IN RELATION WITH CLOUDINESS AND RELATIVE HUMIDITY IN GAP AREA, SE TURKEY	Sevda OCAK²	Faculty of Agricultural Engineering, Department of Biosystems Engineering, 52 200 Turkey; ² Giresun University, Faculty of Engineering, Department of Environmental Engineering, 28100 Turkey;	
126	SNOW AND RAIN PRECIPITATIONS IN SOME REGION OF ALBANIA	Hysen Mankolli, Andi Mankolli	The ESSIC Business Office, ID: 13200 consulting project, Maryland University; Environment health Association, Albania; Department of Physics University of Illinois at Urbana-Champaign, USA	USA
129	THE IMPACT OF GOOD URBAN SOLID WASTE MANAGEMENT IN ALBANIA'S ECONOMIC DEVELOPMENT	Flora Merko¹, Alma Zisi¹, Daniela Lika¹, Enkeleda Shkurta²	¹ Aleksander Moisiu University, Department of Economics, Durres, Albania; ² National Environmental Agency, Tirana, Albania;	Albania
131	ELECTRONIC BUSINESS IN MEDICAL FIELD	Erion Lekaj	European University of Tirana, Albania;	Albania
132	INFLUENCE OF SEX ON THE BLOOD PARAMETERS OF OHRID ROACH DURING THE SPAWNING SEASON	Blagoja Trajchevski¹, Suzana Dinevska-Kjovkarovska², Maja Jordanova³, Trajce Talevski¹	¹ Hydrobiological Institute- Ohrid, Department of Cyprinid Fauna, Ohrid, Republic of Macedonia; ² University "St Cyril and Methodius", Faculty of Natural Sciences and Mathematics, Institute of Biology Department of Physiology and Biochemistry, Skopje, Republic of Macedonia; ³ University "St Cyril and Methodius", Faculty of Natural Sciences and Mathematics, Institute of Biology, Department of Cytology, Histology and Embryology, Skopje, Republic of Macedonia;	Macedonia
133	EFFECTIVENESS OF SOME NATURAL COMPOUNDS IN CONTROLLING POWDERY MILDEW [UNCINULA NECATOR (SCHW.)] IN ALBANIA	Suela Spahiu^{1*}, Thanas Ruci², Hekuran Vrapit^{2*}	^{1*} Department of Plant Protection, Agricultural University of Tirana, Kodër Kamëz, Tirana, Albania;	Albania

136	SPIDERS AND OTHER ARTHROPODS OF CHERNIVTSI POULTRY FARM (UKRAINE) AND THE PRELIMINARY DATA ABOUT BACTERIA INHABITING THEIR EXTERNAL SURFACES	Volodymyr Voloshyn¹, Kateryna Tymchuk^{1,2}, Lyudmyla Symochko³, Miroslava Kačaniová⁴, Mariia Fedoriak^{1*}	^{1*} Department of Ecology and Biomonitoring, Yuriy Fedkovych Chernivtsi National University, Chernivtsi, Ukraine; ² Bukovinian State Medical University, Chernivtsi, Ukraine; ³ Department of Entomology and Biodiversity Conservation, Faculty of Biology, Uzhhorod National University, Uzhhorod, Ukraine; Faculty of Biotechnology and Food sciences, Slovak University of Agriculture, Nitra, Slovakia;	Ukraine
137	PEAR PSYLLA (CACOPSYLLA PYRICOLA F.) DISTRIBUTION IN SOME CULTIVARS OF PEAR CULTIVATED IN THE LOCALITY OF PRISHTINA	Fadil Musa, Gyrner Murati*, Ahmet Musa	Faculty of Agriculture and Veterinary, University “Hasan Prishtina”, Prishtina - Kosovo	Kosovo
138	INVESTIGATION OF THE SPREAD OF PEAR RUST (<i>Gymnosporangium sabinae</i>) IN PEAR CULTIVATED IN REGION OF PRISHTINA	Fadil Musa, Saranda Musa*	Faculty of Agriculture and Veterinary, University “Hasan Prishtina”, Prishtina – Kosovo;	Kosovo
140	APPLE SHELL (VAN-MURADIYE) IS USED FROM THE AQUEOUS SOLUTIONS TEXTILE MATERIALS BY ADSORPTION	Ali Rıza Kul¹, Sevda Ocak², Ahmet Selçuk³	¹ Yüzüncü Yıl University Science Faculty Van TURKEY; ² Giresun University Engineering Faculty Giresun TURKEY; ³ Yüzüncü Yıl University Faculty of Education Van TURKEY;	Turkey
146	STATISTICAL ANALYSIS OF THE EFFECT OF AIR POLLUTION ON HUMAN HEALTH	Erjola Cenaj, Luella Prifti	Polytechnic University of Tirana, Department of Mathematical Engineering and Physical Engineering, Tirana, Albania;	Albania
148	EVALUATION OF TWO CHROMATOGRAPHIC METHODS FOR RADIOCHEMICAL PURITY OF ^{99m} Tc-HMPAO RADIOPHARMACEUTICAL	Brunilda Daci¹, Elida Bylyku¹, Dritan Prifti¹, Skender Malja¹	¹ Institute of Applied Nuclear Physics, Tirana University, Tirana, Albania,	Albania
058	ASSOCIATION BETWEEN SPECIALIZED TREATMENT OF HUMAN BRUCellosIS AND REACTIVATION OF THE DISEASE	Laura Mezini¹, Zamira Vllaho¹, Arjeta Xhemali¹, Maria Agolli¹, Zhinzela Qyli², Henri Korro³,	¹ Nursing Department, University “E.Cabej”, Gjirokastra, Albania; ² Nursing Department,	Albania

		Redina Korro³	University "Fan Noli", Korca, Albania; ³ Pharmacist, Gjirokastra, Albania;	
097	UTILIZATION OF FLY ASH AS BRICK PRODUCTION RAW MATERIAL	Ummugulsum Gunay, Sukru Dursun	Selcuk University, Engineering Faculty, Environmental Engineering Department, Konya, Turkey;	Turkey
147	PRODUCTIVITY AND ACTIVE PRINCIPLES QUALITY IN ALBANIAN ECOTYPES OF SAGE: SAGE ZONAL SCHEME TEST 2013- 2016, UPPER KOPLIK, MALESI E MADHE	Mato Arqilea¹, Hajkola Kostandin², Bardhi Nikoll³	¹ Faculty of Agriculture, University "Fan S. Noli" Korça, Albania; ² ATTC Shkodra, Albania; ³ Faculty of Agriculture and Environment, Agricultural University of Tirana, Albania;	Albania