# 8<sup>th</sup> INTERNATIONAL CONFERENCE OF ECOSYSTEMS

TIRANA \_ ALBANIA, June 22-25, 2018



# **Proceedings BOOK**

## **Essays on Ecosystem and Environmental Research**



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## **Essays on Ecosystems and Environmental Research**

## **Editors:**

Prof. Hysen Mankolli, Albania, Prof. Sukru Dursun, Turkey, Prof. Massimo Zuchetti, Italy, Prof. Cezar Kongoli, USA

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048	SYNTHESIS OF CORE-SHELL PdPtAu/C ELECTROCATALYTS AS ANODE CATALYTS TOWARD FORMIC ACID ELECTROOXIDATION	Aykut Caglar <sup>1</sup> , Berdan Ulas <sup>1</sup> , Hilal Kivrak <sup>1</sup> , Arif Kivrak <sup>2</sup> , Nahit Aktas <sup>1</sup>	<sup>1</sup> Yuzuncu Yıl University, Chemical Engineering Department, 65000 Van TURKEY; <sup>1</sup> Yuzuncu Yıl University, Department of Chemistry, Faculty of Sciences, 65080, Van, TURKEY;	Turkey
051	EFFECTS OF MINIMALISM AND THE FAR EAST CONCEPT ON LANDSCAPE DESIGNING	Bahriye Gülgün Aslan <sup>1</sup> , Kübra Yazici <sup>2</sup>	<sup>1</sup> Ege University, Faculty of Agriculture, Department of Landscape Architecture İzmir/Turkey; <sup>2</sup> Gaziosmanpaşa University, Faculty of Agriculture, Department of Horticulture Tokat/Turkey;	Turkey
052	ENVIRONMENTAL PSYCHOLOGY AND URBAN LANDSCAPING WITHIN THE GESTALT BASIC DESIGN AND COMPOSITION PRINCIPLES	Kübra Yazici <sup>1</sup> , Bahriye Gülgün Aslan <sup>2</sup> , Şükrü Dursun <sup>3</sup> *	<sup>1</sup> Gaziosmanpaşa University, Faculty of Agriculture, Department of Horticulture Tokat/Turkey; <sup>2</sup> Ege University, Faculty of Agriculture, Department of Landscape	Turkey

			Architecture	
			İzmir/Turkey; <sup>3</sup> Selcuk University, Faculty of	
			Engineering,	
			Department of	
			Environmental	
			Engineering, Konya/Turkey;	
			Konyw Funkcy,	
053	BEING HANDICAPPED IN	Bahriye Gülgün	<sup>1</sup> Ege University,	Turkey
	TURKEY, ENVIRONMENTAL AND LANDSCAPE	Aslan <sup>1</sup> , Kübra Yazici <sup>2</sup> , Nazlı Keskin <sup>1</sup>	Faculty of Agriculture, Department of	
	ARCHITECTURE	INAZII Keskiii	Landscape	
			Architecture	
			İzmir/Turkey;	
			<sup>2</sup> Gaziosmanpaşa	
1			University, Faculty of	
			Agriculture, Department of	
			Horticulture	
			Tokat/Turkey;	
054	SUSTAINABLE RELATIONSHIP	Kübra Yazici <sup>1</sup> ,	<sup>1</sup> Gaziosmanpaşa	Turkey
054	AMONG ENVIRONMENT,	Bahriye Gülgün	University, Faculty of	Тигкеу
	LANDSCAPING AND	Aslan <sup>2</sup> , Şükrü	Agriculture,	
	ECOTOURISM	Dursun <sup>3</sup> *	Department of	
			Horticulture	
			Tokat/Turkey; <sup>2</sup> Ege University,	
			Faculty of Agriculture,	
			Department of	
			Landscape	
			Architecture	
			İzmir/Turkey; <sup>3</sup> Selcuk University,	
			Faculty of	
			Engineering,	
			Department of	
			Environmental	
			Engineering, Konya/Turkey;	
055	RADIOLOGICAL HAZARD	Erjon Spahiu <sup>1*</sup> , Gerti	<sup>1</sup> Department of	Albania
	ASSESSMENT IN Fe-Ni INDUSTRY IN KOSOVO	Xhixha <sup>1</sup> , Fadil Hasani <sup>2</sup>	Physics, Faculty of Natural Sciences	
1		riasani <sup>2</sup>	Natural Sciences, University of Tirana,	
			Blv. Zogu I, Tirana,	
			Albania;	
1			<sup>2</sup> Kosovo Agency for	
			Radiation Protection	
1			and Nuclear Safety (KARPNS), Office of	
			the Prime Minister,	
1			Ish-Gërmia - 10000	

			Prishtinë, Kosovo;	
056	MORPHOLOGİCAL EXAMİNATİON OF THE SPORES ISOLATED FROM RİZOSFER REGION OF <i>PUCCİNELLİA DİSTANS</i> (L.) PARL. FROM TUZ GÖLÜ HALOPHYTES	Emel Atmaca <sup>1*</sup> , Ummahan Çetin Karaca <sup>2</sup>	<sup>1*,2</sup> .Selcuk University Agriculture Faculty, Soil Science and Plant Nutrition Department Campus,Konya,Turkey ;	Turkey
057	EFFECTS OF APPLİCATİONS OF ARBUSCULAR MYCORRHİZAL FUNGUS SPORES AND K HUMATE ON THE DEVELOPMENT OF ONION PLANT	Emel Atmaca <sup>1*</sup> , Ummahan Çetin Karaca <sup>2</sup>	<sup>1*,2</sup> .Selcuk University Agriculture Faculty, Soil Science and Plant Nutrition Department Campus,Konya,Turkey ;	Turkey
059	SOME CLIMATE INDICATORS IN KOSOVO TERRITORY	Agim Asllani,	College Gjilan, Kosovo and Natural High School, "Xhavit Ahmeti" Gjilan, Kosovo;	Kosovo
061	VISUAL QUALITY ANALYSIS OF ZINAV LAKE AND ZINAV CANYON OF NATURAL PARK (TOKAT, TURKEY) WITH Q- SORT METHOD	Kübra Yazici	Gaziosmanpaşa University, Agriculture Faculty, Horticulture Department, Tokat, Turkey;	Turkey
062	EVALUATION OF THE RECREATIONAL POTENTIAL OF KAZ LAKE (TOKAT, TURKEY) AND ACCORDING TO GULEZ METHOD AND DEVELOPMENT OF LAND USE PROPOSALS	Kübra Yazici <sup>1</sup> , Feran Aşur <sup>2</sup> *	<sup>1</sup> Gaziosmanpaşa University, Faculty of Agriculture, Department of Horticulture Tokat/Turkey; <sup>2</sup> Yüzüncü Yıl University, Faculty of Architecture, Department of Landscape Architecture Van/Turkey;	Turkey
063	THE IMPORTANCE OF CITTASLOW-SLOW CITY MOVEMENTS IN SUSTAINABLE CITIES; EVALUATION OF VAN GEVAŞ'S CASE	Feran Aşur <sup>1*</sup> , Kübra Yazici <sup>2</sup>	<sup>1</sup> Yüzüncü Yıl University, Faculty of Architecture, Department of Landscape Architecture Van/Turkey; <sup>2</sup> Gaziosmanpaşa University, Faculty of Agriculture, Department of Horticulture	Turkey

			Tokat/Turkey;	
064	STUDY OF AIR HUMIDITY INDICATOR IN SOME AREAS OF KOSOVO	Agim Asllani	College Gjilan, Kosovo and Natural High School, "Xhavit Ahmeti" Gjilan, Kosovo;	Kosovo
066	RAINWATER COLLECTION OF FORMS AND AREAS OF ENVIRONMENTAL USE	Fatma Kunt <sup>1</sup> , Çiğdem Çiftçi <sup>2</sup>	<sup>1</sup> Necmettin Erbakan University, Faculty of Engineering and Architecture, Department of Environmental Engineering, Konya, Turkey; <sup>2</sup> Necmettin Erbakan University Faculty of Engineering and Architectural; Departmant of City and Regional Planning, Konya, Turkey.	Turkey
068	THE EVALUATION OF DRINKING WATER QUALITY OF AGRI TOWN USING CILIATES AS BIOINDICATORS	Gina Raluca Kerkmann <sup>1*</sup> , Hysen Mankolli <sup>2</sup>	<sup>1*</sup> Expert in Biology, Agri Turkey, <sup>2</sup> Expert in Ecology, Plainfield, Illinois, USA;	Turkey
070	ASSESSMENT OF POTENTIAL HEALTH RISK OF HEAVY METALS IN EDUCATIONAL INSTITUTIONS	Fatma KUNT, Elif TÜRKYILMAZ	Necmettin Erbakan University, Faculty of Engineering and Architecture, Department of Environmental Engineering, Konya, Turkey;	Turkey
073	SYNTHESIS OF COPPER (II) FLUOROBORATE BY WET METHOD AND USABILITY AS A FLAME RETARDANT	Duygu Y. Aydın <sup>1</sup> , Metin Gürü <sup>1*</sup> , Dilek Ipek <sup>2</sup>	<sup>1*</sup> Department of Chemical Engineering, Gazi University, Ankara 06570, Turkey; <sup>2</sup> Eti Mine Works of Turkey, Ankara 06010, Turkey;	Turkey
075	CHEMICAL COMPOSITION OF CITRUS PEEL LEMON EXTRACTS: A CHARACTERIZATION BY FTIR SPECTROSCOPY	Manjola Bani <sup>1*</sup> , Adelaida Andoni <sup>2</sup> , Fatos Ylli <sup>3</sup> , Ariana Ylli <sup>4</sup> , Krenaida Taraj <sup>2</sup> , Flora Qarri <sup>1</sup>	<sup>1</sup> University of Vlora, Faculty of Technical Sciences, Department of Chemistry, Vlora, Albania; <sup>2</sup> University of Tirana, Faculty of Natural Sciences, Department of Chemistry, Tirana,	Albania

076	SCIENTIFIC OBSERVATIONS	Hysen Mankolli	Albania; <sup>3</sup> Institute of Applies Nuclear Physics, P.O. Box 85, University of Tirana, Tirana, Albania; <sup>4</sup> University of Tirana, Faculty of Natural Sciences, Department of Biotechnology, Tirana, Albania; Expert in Ecology,	USA
	ON THE DEPTH AND IMPACT OF SNOW ON CLIMATE		Plainfield, Illinois, USA; Environment and Health Association, Tirana, Albania;	
077	VALUABLE HABITATS IN THE REPUBLIC OF MOLDOVA FOR SOME INTERNATIONALLY PROTECTED SPECIES	Liogchii Nina	Institute of Ecology and Geography of Academy of Science of Moldova, nr.1 Academiei str., Chisinau - 2028, Republic of Moldova;	Moldova
078	THE SCIENTIFIC ARGUMENT CONCERNING THE ESTABLISHMENT OF MIXED NATURAL MONUMENT IN THE REPUBLIC OF MOLDOVA	Fasola Regina	Institute of Ecology and Geography of Academy of Science of Moldova, nr.1 Academiei str., Chisinau - 2028, Republic of Moldova;	Moldova
080	SOME ECOLOGICAL ASPECTS OF SNOW IN ECOSYSTEMS	Hysen Mankolli	Expert in Ecology, Plainfield, Illinois, USA; Environment and Health Association, Tirana, Albania;	USA
081	EFFECT OF TWO PROBIOTIC PRODUCTS ON SOME PATHOGENIC BACTERIA RESPONSIBLE FOR HUMAN INFECTIONS	Koula Doukani*, Tabak Souhila, Bouhenni Hasna	Laboratory of Agro Bioetechnology and Nutrition in Semi Arid Zones, Faculty of Nature and Life Sciences, University of Ibn Khaldoun, Po Box 78, Zaaroura, Tiaret, Algeria;	Algeria
083	THE IMPACT OF CORPORATES ON ENVIRONMENTAL POLLUTION - CASE STUDY	Nagip Skënderi <sup>1</sup> , Flora Merko <sup>2</sup>	<sup>1</sup> "Hasan Prishtina" University, Department of Economics,	Kosovo

			,	
	KOSOVO ENERGY CORPORATION - KEK		Prishtina, Kosovo: <sup>2</sup> "Aleksander Moisiu" University, Department of Economics, Durres, Albania;	
087	USAGE OF PHOTOCATALYTIC OXIDATION FOR THE REMOVAL OF AIR POLLUTANTS	Zeynep Cansu Ayturan, Sukru Dursun	Environmental Engineering Department, Engineering Faculty, Selcuk University, Konya, Turkey;	Turkey
089	EFFECT OF DIFFERENT SALT AND PH CONCENTRATIONS ON THE GROWTH OF SOME RHIZOBIUM SPECIES	Ummahan Çetin Karaca <sup>1*</sup> , Emel Atmaca <sup>2</sup>	<sup>1,2</sup> Selcuk University Agriculture Faculty, Soil Science and Plant Nutrition Department Campus, Konya, Turkey;	Turkey
090	EFFECTS OF BACTERIAL INOCULATION AND MOLYBDENUM APPLICATION ON THE NUTRIENT ELEMENT CONTENT OF BEANS	Ummahan Çetin Karaca <sup>1*</sup> , Emel Atmaca <sup>2</sup>	<sup>1,2</sup> Selcuk University Agriculture Faculty, Soil Science and Plant Nutrition Department Campus, Konya, Turkey;	Turkey
091	ANTIOXIDANT ACTIVITY OF CHITIN OBTAINED FROM THE INSECT	Eda GÜNEŞ <sup>1*</sup> , H. Ferhan NİZAMLIOĞLU <sup>1</sup> , Hasan AYDIN <sup>2</sup>	<sup>1*</sup> Necmettin Erbakan University, Faculty of Tourism, Department of Gastronomy and Culinary Arts, Konya, Turkey; <sup>2</sup> Adiyaman University, Faculty of Pharmacy Adiyaman, Turkey;	Turkey
093	HEAVY METALS AND POTENTIAL AVAILABILITY OF MURGUL FLORA PLANTS FOR PHYTOREMEDIA	Hilal Surat <sup>1</sup> , Hayal Akyildirim Beğen <sup>2</sup> , Mustafa Aybar <sup>3</sup> , Özgür Eminağaoğlu <sup>2</sup>	<sup>1</sup> Artvin Coruh University, Faculty of Forestry, Department of Landscape Architecture, Artvin, Turkey; <sup>2</sup> Artvin Coruh University, Department of Botany, Artvin, Turkey; <sup>3</sup> Artvin Coruh University, Artvin Vocational School, Artvin, Turkey;	Turkey
094	DRIP IRRIGATION SYSTEM PERFORMANCE EVALUATION BASED ON PREVIOUS RESEARCH	Bilal Acar, Ahmet Melih Yılmaz	Department of Farm Buildings and Irrigation, Faculty of Agriculture, University	Turkey

			of Selçuk, Konya- Turkey;	
095	AEGILOPS SEEDS AGING AND THEIR SEEDLINGS DROUGHT TOLERANCE	Vjollca Ibro <sup>1</sup> , Anxhela Kaloshi <sup>1</sup> , Enkeleda Coka <sup>1</sup>	<sup>1</sup> Department of Plant Sciences and Technologies, Agriculture University of Tirana, ALBANIA;	Albania
096	INVESTIGATION OF RELATION DAILY PERSONAL EXPOSURE TO AIR POLLUTANTS WITH HEALTH EFFECTS ON SCHOOLCHILDREN IN KONYA CITY	Fatma Kunt <sup>1</sup> , Ebru Çelikkanat <sup>1</sup> , Şükrü Dursun <sup>2</sup>	<sup>1</sup> Necmettin Erbakan University, Faculty of Engineering and Architecture, Department of Environmental Engineering, Konya, Turkey; <sup>2</sup> Selcuk University, Engineering Faculty, Department of Environmental Engineering, Konya, Turkey;	Turkey
097	TEACHING GREEN ENGLISH: POSSIBILITIES AND PRACTICE	Yusuf Demir <sup>1*</sup> , Yavuz Selim Şişman <sup>1</sup> , Gülçin Mutlu <sup>2</sup> , Neslihan Kök <sup>1</sup>	1*Necmettin Erbakan University, Turkey; <sup>2</sup> İzmir Democracy University,Turkey;	Turkey
100	SOME CASES OF NEGATIVE EXTERNALITIES IN THE TIRANA AREA AND THEIR IMPACT ON SOCIAL COSTS	Eglantina Pazaj	Agricultural University of Tirana; Department of Economics and Rural Development Policies, Tirana, Albania;	Albania
102	BIOMONITORING OF SO2 SPATIAL DISTRIBUTION ON THE TERRITORY OF THE REPUBLIC OF MOLDOVA	Begu Adam	University of Academy of Science of Moldova, Chisinau, Republic of Moldova;	Moldova
105	EXPERIMENTAL STUDY ON THE EFFECT OF CARBON BLACK ON MECHANICAL PROPERTIES OF MORTAR SAMPLES	Hicran Açıkel	Necmettin Erbakan University, Konya, Turkey;	Turkey
107	ESTIMATION OF SUSPENDED SEDIMENT LOAD BY ARTIFICIAL NEURAL NETWORK	Ş.Y. Kumcu <sup>1</sup> & A.E. Tumer <sup>2</sup>	<sup>1</sup> Assoc. Prof., Civil Engineering Department, Necmettin Erbakan University, Turkey; <sup>2</sup> Assist. Prof.,	Turkey

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	[]		Commuter Freieric	
			Computer Engineering Department, Necmettin Erbakan University, Turkey;	
110	MEASUREMENT OF PARTICLE MATTER LEVEL FROM QUARRIES INDUSTRY AND AIR POLLUTION MODELLING	Rahime Atasağun <sup>1</sup> , Sukru Dursun <sup>2</sup>	<sup>1</sup> Konya Provincial Directorate of Environment and Urbanization, Selçuklu, Konya, Turkey; <sup>2</sup> Environmental Engineering Department, Engineering Faculty, Selcuk University, Konya, Turkey;	Turkey
111	ASSESSMENT OF THE STATE OF GREENNESS AND SUGGESTIONS FOR ITS IMPROVEMENT IN PRISHTINA SCHOOLS IN KOSOVO	Gjok Vuksani <sup>1</sup> , Haki Kurti <sup>2</sup>	<sup>1</sup> Agricultural University of Tirana, Department of Horticulture and Landscape Architecture, Albania; <sup>2</sup> Kosovo Agency of Statistics, Agriculture and Environment Statistics Department, Kosovo;	Albania
113	THE GROWTH DYNAMICS OF LEAF AREA AND DRY MATTER ACCUMULATION IN TWO TYPES OF COMMON BEAN ( <i>PHASEOLUS VULGARIS</i> <i>L.</i> )	Avni Behluli <sup>1*</sup> , Agim Canko <sup>2</sup> , Shukri Fetahu <sup>1</sup>	<sup>1</sup> University of Prishtina "Hasan Prishtina", Faculty of Agriculture and Veterinary, Department of Plant Production, Prishtina, Kosovo; <sup>2</sup> Agricultural University of Tirana;	Kosovo
114	LINKING THE INDOOR TEACHING WITH OUTDOOR PRACTICAL ACTIVITIES FOR A BETTER UNDERSTANDING OF THE ENVIRONMENTAL EDUCATION AND HABITAT CONCEPT IN BIOLOGY 6	Eva Shuka	The primary school "Sabahudin Gabrani", Tirana, Albania;	Albania
115	INTRAVITREAL INJECTION, PRESENTATION OF TECHNIQUE, INDICATIONS AND POSSIBLE COMPLICATIONS OBSERVED IN DIFFERENT PATIENTS	Jerina Çelaj, Denisa Bircaj, Yllka Bilushi, Klodeta Mucaj	University of Vlore, Faculty of Public Health, Albania;	Albania

116	NEUROLIGINS AND NEUREXINS CONNECT SYNAPTIC FUNCTION TO COGNITIVE DEFICITS	Denisa Bircaj <sup>1*</sup> , Jerina Celaj <sup>2</sup> , Raffaella Molteni <sup>2</sup> , Yllka Bilushi <sup>2</sup>	<ul> <li><sup>1*</sup>Pharmacist, Italian Clinic San Antonio, Albania;</li> <li><sup>2</sup>University of Vlore, Faculty of Public Health, Albania;</li> </ul>	Albania
118	AIR POLLUTION MODELLING WITH DEEP LEARNING	Yasin Akın Ayturan <sup>1</sup> , Zeynep Cansu Ayturan <sup>2</sup> , Hüseyin Oktay Altun <sup>3</sup>	<ul> <li><sup>1</sup>Karatay University, Konya, Turkey;</li> <li><sup>2</sup>Selcuk University, Konya, Turkey;</li> <li><sup>3</sup>Karatay University, Konya, Turkey;</li> </ul>	Turkey
120	THE EXAMINATION OF THREE DIFFERENT HOUSING REGIONS IN KONYA INTERMS OF THE ECOLOGICAL SUSTAINABLE DESIGN CRITERIA	Çiğdem Çiftçi <sup>1</sup> , Şükrü Dursun <sup>2</sup> , Fatma Kunt <sup>3</sup> , Zeynep Cansu Ayturan <sup>2</sup>	<sup>1</sup> Necmettin Erbakan University, Konya, Turkey; <sup>2</sup> Selçuk University, Konya, Turkey; <sup>3</sup> Necmettin Erbakan University, Konya, Turkey;	Turkey
121	INVESTIGATION OF KONYA CITY CULTURAL HERITAGE MANAGEMENT AND SUSTAINABLE URBAN DEVELOPMENT RELATIONSHIP	Çiğdem Çiftçi <sup>1</sup> , Fatma Kunt <sup>2</sup>	<sup>1</sup> Necmettin Erbakan University, Konya, Turkey; <sup>2</sup> Necmettin Erbakan University, Konya, Turkey;	Turkey
122	KEYSTONE SPECIES AND POSSIBLE IMPACT OF ARTISANAL FISHING IN EKPERIAMA (EKPERIKIRI) FISHING AREA IN NIGER DELTA	Ngodigha Sabina Alatari <sup>1*</sup> , Abowei Jasper Freeborn Nestor <sup>1</sup>	<sup>1*</sup> Department of Agricultural Education, Isaac Jasper Boro College of Education, Sagbama, Bayelsa State, Nigeria;	Nigeria