

5TH WORLD CONFERENCE ON SUSTAINABLE LIFE SCIENCES

07-10 DECEMBER 2023

WOCOLS 2023 CAPPADOCIA

CONFERENCE SCHEDULE



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IMPORTANT, PLEASE READ CAREFULLY

- To be able to make a meeting online, login via <https://zoom.us/join>, will be send to your accounts an email for "Meeting ID and Passcode" in all sessions.
- The Zoom application is free and no need to create an account.
- The Zoom application can be used without registration.
- The application works on tablets, phones and PCs.
- Chair-responsible for the presentation and scientific discussion (questionanswer) section of the session.

- Make sure your computer has a microphone and is working.
- You should be able to use screen sharing feature in Zoom.
- Attendance certificates will be sent to you as pdf at the end of the congress.
- Requests such as change of place and time will not be taken into consideration in the conference schedule.

- **All speakers should connected to it 5 min before the session starts.**
- **Each presentation is 15 min.**
- **Presentation should be include Material, Method, Results and Conclusions only.**

- Chair is responsible for ensuring the smooth running of the presentation, managing the group discussion and dynamics.

07 DECEMBER 2023, THURSDAY

ONLINE SESSION 1, (GMT+3) NEVSEHIR

Chair: Asst. Prof. Dr. Begüm Özen

TIME	SPEAKER	AFFILIATION	TITLE
09:30-09:45	Munis Dünder KEYNOTE SPEAKER	Erciyes University, Turkey	Applications of Biotechnology in Medicine
09:45-10:00	Amal Gammaoudi	Higher Institute of Water Sciences and Techniques of Gabès, Tunisia	Assessment of depositional environments of sebkha sediment: Application of geochemical and mineralogical tracers
10:00-10:15	Ayşe Pehlivan	Erciyes University, Turkey	Determination Genetic Diversity of Some Confectionery Sunflower (<i>Helianthus annuus</i> L.) Cultivars Cultivated using SRAP Markers
10:15-10:30	Merve Göre Akyüz	Ege University, Turkey	Possibilities to Increase the Production of Medicinal and Aromatic Plants in Türkiye
10:30-10:45	Somayyeh Razzaghi	Erciyes University, Turkey	Nitrogen consumption effect on the correlation between grain yield and nutrient uptake in wheat under irrigation cessation conditions
10:45-11:00	Fatma Büşra Tanyıldızı	Fırat University, Turkey	Study on Preparation and Characterization of the Chitosan/Grape Seed/ZnO-Based Bio-nanocomposites
11:00-11:15	Gülru Yücel	Ondokuz Mayıs University, Turkey	Analyses of <i>Crocus sativus</i> Genome Using Cytogenetic Approach

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11:15-11:30	Majlind Sulce	Agricultural University of Tirana, Albania	Changes in Granulocytes Number in Peripheral Blood During Infection Observed by Flow Cytometry: Preliminary Results
11:30-11:45	Konalsi Gjoka	Polytechnic University of Tirana, Albania	Toward regional waste management. Developing and analyzing waste management scenarios in Fier Waste Functional Area in Albania
11:45-12:00	Entela Cobani	Polytechnic University of Tirana, Albania	Evaluation of the eutrophication state of the Butrinti lake (Albania) during the years 2012-2021
12:00-12:15	Hacer Tolga Çevik	Fırat University, Turkey	Fabrication and Characterization of Cellulose-Based Composite Scaffolds Incorporated with Psyllium Seed for Potential Healthcare Applications
12:15-12:30	Gizem Ersoy (Fadime Karaer Özmen)	Eskisehir Technical University, Turkey	Treatment of defense industry wastewater with electrocoagulation (EC)
12:30-12:45	Şahane Funda Arslanoğlu	Ondokuz Mayıs University, Turkey	Easy4digit - European Agriculture System For Digital-Based Technologies
12:45-13:00	Ashley Delmar	Wroclaw University of Environmental and Life Sciences, Poland	Staphylococcus pettenkoferi: An Emerging Resistant Bacteria in Veterinary Medicine?

08 DECEMBER 2023, FRIDAY**HALL GÜLŞEHİRİ****OPENING CEREMONY AND ORAL SESSION 2**

TIME	EVENT		
08:00-09:00	REGISTRATION		
09:00-09:15	Music Performance		
TIME	SPEAKER	AFFILIATION	TITLE
09:15-09:30	Sevim Erhan KEYNOTE SPEAKER	United States Department of Agriculture (USDA), USA	Highlights of Current Research Projects- Sustainable Agriculture and Precision Nutrition
09:30-09:45	Sibel Silici KEYNOTE SPEAKER	Erciyes University, Turkey	New protein sources and biomolecules in the developing world
09:45-10:00	Kadircan Keskinbora KEYNOTE SPEAKER	Bahçeşehir University, Turkey	Common Misconceptions in Medical History and Medical Ethics
10:00-10:15	Hakan Yardımcı KEYNOTE SPEAKER	Ankara University, Turkey	One Health in Turkey: A Roadmap Study
10:15-10:30	COFFEE BREAK		

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HALL GÜLŞEHİRİ

ORAL SESSION 3

Chair: Prof.Dr. Talat Özpozan

TIME	SPEAKER	AFFILITION	TITLE
10:30-10:45	Yusuf Konca	Erciyes University, Turkey	Effects of Adding Black Cumin Seed Meal to Laying Hen Diets on Performance and Egg Quality
10:45-11:00	Ali Ünlükara	Erciyes University, Turkey	Angstrom-Prescot Gefficients of Nevşehir Province and Reference Evapotranspiration Comparisons
11:00-11:15	Agnes Dube	Tottori University, Japan	Coal CLinker Ash Assessment for Nitrogen, Potassium, and C/N Transformations in Sandy Soil
11:15-11:30	Larbi Benlarbi	FSNV/ TAHRI Mohamed University of Béchar, Algeria	Characterization of The Risks Induced by Domestic Discharges on The Physicochemical and Microbiological Quality of The Waters of The Urban Foggaras of The Beni-Abbes Oasis
11:30-11:45	Jale Metin Kıyıcı	Erciyes University, Turkey	Calf behaviour: Investigation of milk feeding behaviour in calves
11:45-12:00	Yalçın Kaya	Trakya University, Turkey	Determination of Fatty Acid Contents of some Wild Sunflower Species (<i>Helianthus</i> spp.)
12:00-12:15	Kevser Karaman	Erciyes University, Turkey	Investigation of the use of <i>Lactobacillus diolivorans</i> as a starter culture in olive fermentation
12:00-13:30	LUNCH		

08 DECEMBER 2023, FRIDAY**HALL GÜLŞEHİRİ****IN-PERSON ONLINE, SESSION 4, (GMT+3) NEVSEHIR****Chair: Asst.Prof.Dr. Begüm Özen**

TIME	SPEAKER	AFFILITION	TITLE
13:30-13:55	Manfred Wilhelm KEYNOTE SPEAKER	Karlsruhe Institute of Technology, Germany	Desalination of salt water via polyelectrolyte hydrogels
13:55-14:10	Cristian Popescu KEYNOTE SPEAKER	National University of Science and Technology POLITEHNICA Bucharest, Pitești University Centre, Romania	Rural development: policies, strategies and implications
14:10-14:25	Marius Lasinskas KEYNOTE SPEAKER	Vytautas Magnus University, Lithuania	Fermented fireweed (<i>Chamerion angustifolium</i> (L.) Holub) leaves - a new, high-quality food for human health
14:25-14:40	Chiara Montagnani KEYNOTE SPEAKER	University of Milano- Bicocca, Italy	Biological invasion and urbanization: the spread of alien <i>Ambrosia psilostachya</i> DC. and the regression of native <i>A. maritima</i> L. (<i>Asteraceae</i>) in Italy.
14:40-14:55	Sarah Caronni	University of Milano- Bicocca, Italy	Vegetative Propagule Pressure As A Driver of Plant invasion Success: The Strange Case Of <i>Caulerpa taxifolia</i> And <i>Caulerpa prolifera</i>
14:55-15:10	Violina Angelova	Agricultural University - Plovdiv, Bulgaria	Determination of heavy metals in some fish and molluscs from the Black sea
15:10-15:25	Monika Stojanova	Association for Scientific- research, Educational and Cultural Activities "Open Science", North Macedonia	Determination of in vitro antioxidant potential of iced tea enriched with linden extracts
15:25-15:40	COFFEE BREAK		

08 DECEMBER 2023, FRIDAY**HALL GÜLŞEHİRİ****ORAL SESSION 5****Chair: Prof.Dr. Yusuf Konca**

TIME	SPEAKER	AFFILITION	TITLE
15:40-15:55	Yusuf Aykemat	Nuh Naci Yazgan University, Turkey	The amount of acrylamide formed in different types of potatoes: Does it change with traditional baking, fryer and airfry fring cooking methods?
15:55-16:10	Sema Sarıdanışmet	Kayseri Sugar Factory, Turkey	A Comparative Study: Effects of Commercial CMC and CMC Produced From Sugar Beet Pulp on Ice Cream Model
16:10-16:25	Hatice Bülbül	Kayseri Sugar Factory, Turkey	Development of Some HPLC Analysis Methods to Prevent Silo Losses in Sugar Beet
16:25-16:40	Beyza Çiftçi (Mahmut Kaplan)	Erciyes University, Turkey	Effect of seed color on phenolic and antioxidant activity in grains and sprouts in lentils
16:25-16:40	Özlem Kevseroğlu	Abdullah Gül University, Turkey	To Making of a Productive Green Campus: AGU-ORCHARD as an Eco-cultural Practice
16:40-16:55	Zeynep Murat	Abdullah Gül University, Turkey	A Course Proposal Aiming to Increase Students' Environmental Awareness, "Organic Design; Back to Nature"
16:55-17:10	Selma Didem Özşenler	Ege University, Turkey	Sustainability in Disaster Management: A Meta-Thematic Analysis on Disaster Studies
17:10-17:25	Arife Şimşek	Tokat Gaziosmanpaşa University, Turkey	Determination of Rainwater Harvesting Potential of Tokat Gaziosmanpaşa University Rectorate Building
17:25-17:40	Valentine Joy Reiss-Woolever	University of Cambridge, UK	Oil palm smallholders in management-assistance programs vary in socio-demographics, attitudes, and management practices
19:30-23:00	GALA DINNER Place: Nevşehir Topuzluhan Resturant		

08 DECEMBER 2023, FRIDAY**HALL CENTRUM****IN-PERSON POSTER, SESSION 6****Chair: Asst.Prof.Dr. Arife Şimşek**

TIME	SPEAKER	AFFILITION	TITLE
09:00-17:00	Houari Benamar	University of Oran1, Algeria	Valorization of the whole plant of <i>Clematis cirrhosa</i> L. (Ranunculaceae) as a source of bioactive compounds within a circular and sustainable bioeconomy
	Milena Vukić	University of Kragujevac, Serbia	DNA and HSA binding study of naturally occurring monoterpene ketone, carvone
	Jelena Petronijević	University of Kragujevac, Serbia	Synthesis and characterization of novel 3,4-dihydro-1,4-benzoxazin-2-one: HSA binding investigation
	Rüveyda Karkı	Kayseri Sugar Factory, Turkey	A Comparative Study: Sustainable Soil Management And Rehabilitation Of Degraded Soils
	Nesrine Ahras-Şifi	USTHB, Algeria	Inhibition of kv1.3 channel by scorpion neurotoxin: alleviating LPS-induced lung injury through anti-inflammatory mechanisms
	Imane Bouguenoun	University of Mouloud Mammeri, Algeria	The release of IL-6 and IL-8 in response to Cup S1 allergen
	Ilgım Özdemir	Saruhan Chemical and Cleaning Products Company, Turkey	Performance Comparison Of Sustainable Bio Surfactants And Petrochemical Derived Surface Actives In Stain Removal Products
	Begüm Özen	Nevşehir Hacı Bektaş Veli University, Turkey	Trace Elements Analysis in Nutraceuticals with FAAS

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09:00-17:00	Sarra Abbad	Abou Bekr Belkaid University, Algeria	Chemical profile, antimicrobial potential and combinatory antimicrobial effect of tea tree essential oil and propolis
	Mahmoud Younes	King Saud University, Saudi Arabia	The impact of vacuum drying on the quality of powdered Khalas dates
	Ali Mohamed Ahmed Ali Isam	King Saud University, Saudi Arabia	The impact of vacuum drying conditions on the mechanical attributes of Sukkari
	Zineb Hamani	University Tahri Mohammed,Algeria	Antifungal Activity of Lactobacillus Against Phytopathogenic Fungi

08 DECEMBER 2023, FRIDAY**WOCOLS WEBSITE****ONLINE POSTER, SESSION 7****Chair: Asst.Prof.Dr. Merve Göre Akyüz**

TIME	SPEAKER	AFFILITION	TITLE
09:00-17:00	Violina Angelova	Agricultural University - Plovdiv, Bulgaria	Content of heavy metals, micro and macro elements in Bulgarian honeydew honey and risk assessment
	Dovilė Levickienė	Vytautas Magnus University, Lithuania	Effect of mulberry leaf powder additive on chemical content and sensory properties of butter cookies
	Nijolė Vaitkevičienė	Vytautas Magnus University, Lithuania	Effects of Sweet Potato Puree Additive on the Spelt Wheat Bread Quality
	Entela Cobani	Polytechnic University of Tirana, Albania	Environmental Assessment of the Wastewater Treatment Plants in Albania, using the biological treatment as the secondary treatment during operational phase. Case Study: Pogradeci WWTP
	Konalsi Gjoka	Polytechnic University of Tirana, Albania	The contribution of the wind source in the production of electrical energy - case study of the Milot Kurbin field area in Albania
	Violina Angelova	Agricultural University - Plovdiv, Bulgaria	Content of heavy metals, micro and macro elements in Bulgarian honeydew honey and risk assessment

09:00-17:00	Marius Lasinskas	Vytautas Magnus University, Lithuania	Quantitative composition of biologically active compounds in the leaves of the fireweeds
	Sidra Zeb	Erciyes University, Turkey	Expression of Neurofilament Medium Chain (<i>NEFM</i>) and DEAD-Box Helicase 5 (<i>DDX5</i>) genes in ovine mammary epithelial cells after stimulation with <i>Staphylococcus aureus in vitro</i>
	Majlind Sulce	Agricultural University of Tirana, Albania	Utilisation of Non-Specific Antibodies to Detect Goat Leukocyte Populations by Flow Cytometry
	Andjela Stanojevic	Lund University, Sweden	Application of bioremediation in reducing the content of hydrocarbons in soil polluted from fuel oil
	Milica Pesic	University of Belgrade, Serbia	Okara-enriched gluten-free bread: the changes in antioxidant properties during in vitro digestion
	Aziz Şatana	Erciyes University, Turkey	The Effects of Rhizobacteria on Sugar Beet
	İsmail Bahadır Erdem	Erciyes University, Turkey	Determination of Antioxidant Activity and Total Phenolic and Flavonoid Content of Walnut (<i>Juglans Regia</i>) Leaves Collected from Kayseri Region

SOCIAL ACTIVITIES

09 DECEMBER 2023, SATURDAY

BALLOON TOUR

TIME: 05:00-08:00 AM

DEPARTURE LOCATION: Nevsehir Teacher Guesthouse

09 DECEMBER 2023, SATURDAY

CAPPADOCIA TOUR

TIME: 10:00-16:30 AM

DEPARTURE LOCATION: Nevsehir Teacher Guesthouse

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THANK YOU