



## **6<sup>th</sup> INTERNATIONAL CONGRESS ON ENGINEERING AND LIFE SCIENCE**

### **SCIENTIFIC PROGRAM**

All times stated in this program are in Kyrenia, Turkish Republic of Northern Cyprus time (UTC+3).

Virtual participants should convert the times to their local time zones.

**September 2-4, 2025, Kyrenia, TURKISH REPUBLIC OF NORTHERN CYPRUS**



## IN-PERSON ATTENDANCE (1<sup>st</sup> DAY, 2<sup>nd</sup> of September)

**REGISTRATION: 08:15 - 09:15**

### OPENING SESSION (**Hall-A**)

09:15-09:45	Opening Ceremony and Speeches
09:45-10:00	Coffee Break
	<b>Keynote Speakers Panel</b> (Moderator: Prof. Dr. Kenan PEKER - Rector of Munzur University)
10:00-10:35	<b>Keynote Speech I:</b> <b>Our Changing Climate: What Lies Ahead?</b> Prof. Dr. Nüzhet DALFES
10:35-11:10	<b>Keynote Speech II:</b> <b>Climate Change, Net Zero, Technology and Ethics</b> Prof. Dr. Geoffrey John LEVERMORE
11:10-11:45	<b>Keynote Speech III:</b> <b>Sustainable Development Goals with Emerging Technologies via Focus on Clean Energy Demand and the Role of Superconductivity</b> Prof. Dr. Ali GENÇER
11:45-12:20	<b>Keynote Speech IV:</b> <b>The Role of Cyprus in Eastern Mediterranean Tectonic, and Seismicity</b> Prof. Dr. Mehmet Sinan ÖZEREN
12:20-12:35	Q & A
12:35-12:50	Coffee Break

**Opening Session** will be broadcast through Zoom (**Virtual Hall-1**) and will be available to online participants' attendance  
(Meeting links to the Opening Session and other online sessions will be announced via email and through the WhatsApp group)

## IN-PERSON ATTENDANCE (1<sup>st</sup> DAY, 2<sup>nd</sup> of September), ORAL PRESENTATIONS

	Hall-A	Hall-B
	<b>Session Chair:</b> <i>Prof. Dr. Pablo Jose HIDALGO</i>	<b>Session Chair:</b> <i>Prof. Dr. Fatih DADAŞOĞLU</i>
<b>14:30-14:40</b>	<b>Conservation and Distribution of Strictly Endemic Taxa in Talassemtane National Park (Morocco)</b> <i>Assmaa ALAOUI, Said LAARIBYA, Sezgin AYAN</i>	<b>Determination of Antimicrobial Activity of Vinegar Produced from Nettle (<i>Urtica dioica</i> L.) by Traditional Method</b> <i>Aysel VEYİSOĞLU</i>
<b>14:40-14:50</b>	<b>Using Remote Sensing (Multispectral and LiDAR) for the Characterization of Mixed Forests of <i>Quercus</i> Species in Mediterranean Forests</b> <i>Pablo Jose HIDALGO, Cristina PÉREZ-CARRAL, Nuria MONTIEL, Mónica ORTEGA-MORENO, Anabel CALZADO</i>	<b>Design, Synthesis, Structural Characterization, and Antioxidant Activity Evaluation of a Novel 3-Hydroxypyridine-Derived Phenyl Acetate Compound</b> <i>Şükriye ÇAKMAK</i>
<b>14:50-15:00</b>	<b>Elm (<i>Ulmus</i> spp.) in the Context of Climate Change and Its Importance for Türkiye</b> <i>Özlem AĞIRMAN HAN, Cavit HAN, Ali Ömer ÜÇLER</i>	<b>Microdilution Method Determination of the Minimum Inhibitory Concentration of Methanolic Extracts from Fenugreek Seeds, Black Mustard Seeds, and Laurel Leaves Against <i>Pseudomonas putida</i></b> <i>Mustafa KARGA, Osman Nezh KENANOĞLU, Soner BİLEN</i>
<b>15:00-15:10</b>	<b>Climate Change and the Future of <i>Fagus orientalis</i>: Conservation Perspectives on Marginal and Isolated Populations in Türkiye</b> <i>Sezgin AYAN</i>	<b>Antimicrobial Activity Profiles of <i>Stachys lavandulifolia</i> Extracts Depending on the Solvent Type</b> <i>Aysel VEYİSOĞLU</i>
<b>15:10-15:20</b>	<b>Forest Areas Facing Climate Change in Morocco-Case study</b> <i>Said LAARIBYA, Assmaa ALAOUI</i>	<b>Determination of the Antioxidant Activity of <i>Peganum harmala</i> L. Distributed in the Central Black Sea Region of Turkey</b> <i>Şükriye ÇAKMAK</i>
<b>15:20-15:30</b>	<b>A Research on Ecological Literacy of Students at Different Educational Levels</b> <i>Ahmed Nazmi BAL, Çiğdem SAKICI</i>	<b>Essential Oils as Potential Alternative Biocontrol Products against Plant Pathogens on Stored Products</b> <i>Emre ERDEN, Fatih DADAŞOĞLU</i>
<b>15:30-15:45</b>	<b>Discussion</b>	<b>Discussion</b>
<b>15:45-16:00</b>	<b>Coffee Break</b>	

## IN-PERSON ATTENDANCE (1<sup>st</sup> DAY, 2<sup>nd</sup> of September), ORAL PRESENTATIONS

	Hall-A	Hall-B
	Session Chair: Prof. Dr. Levent BAT	Session Chair: Prof. Dr. Fatih SİVRİKAYA
16:00-16:10	<b>Microplastic Abundance in Karadere Dam Lake (Kastamonu, Türkiye)</b> <i>Yiğit TAŞTAN, Adem Yavuz SÖNMEZ</i>	<b>Harvesting Techniques in Forestry, Occupational Safety, Creating Environmental Awareness and First Aid Training</b> <i>Korhan ENEZ, Fatih SİVRİKAYA, Gonca Ece ÖZCAN, Mehmet EROL, Salih ERTOSUN</i>
16:10-16:20	<b>Bioaccumulation of Potential Toxic Elements in <i>Mytilus galloprovincialis</i> Lamarck, 1819 as Bioindicator</b> <i>Levent BAT, Ayşah ÖZTEKİN</i>	<b>Determining the Impact of Sustainable Wood Based Materials on Consumer Behavior</b> <i>Hacı İsmail KESİK, Kubulay ÇAĞATAY, Berke ÖZYİĞİT</i>
16:20-16:30	<b>Bioaccumulation of Trace Metals in Commercially Important Fishes from İnceburun of Sinop Coasts in the Black Sea: Human Health Apprial</b> <i>Levent BAT, Süleyman ÖZDEMİR, Ayşah ÖZTEKİN, Zekiye BİRİNCİ ÖZDEMİR</i>	<b>Predicting the Current and Future Habitats of <i>Ips sexdentatus</i> Using BioClim Model Under Climate Change</b> <i>Fatih SİVRİKAYA, Gonca Ece ÖZCAN, Korhan ENEZ</i>
16:30-16:40	<b>Microplastics as Carriers and Vectors in Aquatic Environments: Implications on Toxicity to Fish</b> <i>Yiğit TAŞTAN, Adem Yavuz SÖNMEZ</i>	<b>Selection Evaluation for Regionalization of Local Pistachio Varieties Based on Ecological Factors</b> <i>Mansur KHOLMUROTOV, Abdikhalil KAYIMOV</i>
16:40-16:50	<b>The Effects of Atmospheric Pollutants on Freshwater Resources and the Protective Role of Rangeland Ecosystems</b> <i>Halit AKTAŞ, Harun ARSLAN</i>	<b>Variation in Body Length of <i>Ips sexdentatus</i> Adults Across Three Generations</b> <i>Gonca Ece ÖZCAN, Fatih SİVRİKAYA, Korhan ENEZ</i>
16:50-17:00	<b>Investigation of the Effects of Nitrate Pollution due to Agricultural Fertilizer Use on miRNA's in Fish Tissues</b> <i>Harun ARSLAN, Serdar ALTUN, Emre İLHAN, Esra YAPRAK</i>	<b>The Effects of Vinegar and Bleach on The Hardness Resistance of Some Varnishes Applied to Beech Wood</b> <i>Hacı İsmail KESİK, Kubulay ÇAĞATAY, Tuğba Simge OFLAZ</i>
17:00-17:15	Discussion	Discussion

## IN-PERSON ATTENDANCE (2<sup>nd</sup> DAY, 3<sup>rd</sup> of September), ORAL PRESENTATIONS

	Hall-A	Hall-B
	<b>Session Chair:</b> Assoc. Prof. Dr. Ayca Mutlu YAĞANOĞLU	<b>Session Chair:</b> Prof. Dr. Harun ARSLAN
09:15-09:25	<b>The Effect of Dicamba+Triasulfuron Application at Different Growth Stages on Wheat Quality Characteristics</b> <i>Derya KÖKTAŞ, Derya ÖĞÜT YAVUZ</i>	<b>Cinnamaldehyde as a Nutritional Modulator of Glucose Metabolism in Fish: A Comprehensive Review</b> <i>Ainulyakin Hasan IMLANI, Dedi JUSADI, Muhammad Agus SUPRAYUDI, Julie EKASARI, Ichsan Ahmad FAUZI, Mary Joyce Guinto SALI, Imam Tri WAHYUDI</i>
09:25-09:35	<b>Ratoon Rice: A Climate Resilient and Resource Smart Technology – Bangladesh Perspectives</b> <i>Golam SARWAR, Most. Morsada KHATUN, Sakib Ahmed SAGOR, Mothasim Billah FUAD</i>	<b>Assessing the Superfecundation Potential of <i>Poecilia wingei</i> (Poeser, Kempkes, and Insbrucker, 2005), Actinopterygii, Poeciliidae, Laguna de Los Patos Population, Cumana, Venezuela, as a Tool for <i>in situ</i> and <i>ex situ</i> Conservation</b> <i>Marian TUDOR, Alexandra Elena ȘOIMU</i>
09:35-09:45	<b>Effects of Different Priming Treatments on Tomato Seed Germination and Emergence Performance</b> <i>Burcu Begüm KENANOĞLU, Havva DİNLER, Rengin ELTEM</i>	<b>Diversity and Occurrence of Heterotrophic Marine Bacteria in Ice-Ice Disease-Infected Eucheumatoid Seaweeds (<i>Kappaphycus</i> spp.)</b> <i>Albaris B. TAHILUDDIN, Ertugrul TERZI</i>
09:45-09:55	<b>Bibliometric Analysis of Studies on Beekeeping Between 2000-2024 Years</b> <i>Habip KARARAN, Ayca Mutlu YAĞANOĞLU</i>	<b>New Generation Feed Additives: The Potential of Paraprobiotics and Postbiotics in Fish Farming</b> <i>Osman Nezir KENANOĞLU, Mustafa KARGA, Soner BİLEN</i>
09:55-10:05	<b>The Importance of Indigenous Yeasts in Winemaking</b> <i>Olga SOLDATENCO, Nicolae TARAN, Victoria ADAJUC</i>	<b>Molecular Cloning and Characterization of <i>CRABP</i> (Cellular Retinoic Acid Binding Protein) Gene in Brown Trout (<i>Salmo trutta</i>)</b> <i>Harun ARSLAN, Emre SEFA</i>
10:05-10:15	<b>Reflections on Gastronomic Influencing Factors on Kyrgyz Culinary Culture</b> <i>Serdar OKTAY</i>	<b>Integrative Effects of Macroalgae-Enriched Jelly Diets on Growth Performance, Hemolymph Biochemistry, Immune Responses, Transcriptomic Profiles, and Gut Microbiota of the Wedge Sea Hare <i>Dolabella auricularia</i></b> <i>Sitti Amina REGINO, Ainulyakin Hasan IMLANI, Mary Joyce Z. GUINTO-SALI, Dyahruri SANJAYASARI, Belen I. SANSAWI, Amron, Sharifa K. KALIMUDDIN, Adzmer A. JUAINI, Angeline B. HADJIRUL</i>
10:15-10:30	<b>Discussion</b>	<b>Discussion</b>
10:30-10:45	<b>Coffee Break</b>	

## IN-PERSON ATTENDANCE (2<sup>nd</sup> DAY, 3<sup>rd</sup> of September), ORAL PRESENTATIONS

	Hall-A	Hall-B
	<b>Session Chair:</b> Assoc. Prof. Dr. Oytun Emre SAKICI	<b>Session Chair:</b> Prof. Dr. Sezgin AYAN
10:45-10:55	<b>Potential of Denizli-Grown Aromatic Plants in Functional Textile Finishing: From Regional Flora to Functional Apparel</b> <i>Ece KALAYCI</i>	<b>Effects of High Temperature and Drought on Plants</b> <i>Hilal ANGIN, Zehra TOKTAY</i>
10:55-11:05	<b>Digital Transformation in the Textile Industry: From Smart Manufacturing to Sustainability</b> <i>Ece KALAYCI</i>	<b>Changes in Some Morpho-Physiological Parameters in Some Broad Bean (<i>Vicia faba</i> L.) Varieties Grown under Different Irrigation Conditions and Selenium Applications</b> <i>Nurdoğan TOPAL, İbrahim BULDUK, Yener Kortan TOSUN, Emre KAHRAMAN, Kerim URAF</i>
11:05-11:15	<b>Assessment of Occupational Risks in an Academic Department Using Fine-Kinney Method Considering Cost of Safety Measures</b> <i>Gökçe PEHLİVANER, Deniz DÖLGEN</i>	<b>Determination of Quality Parameters of Pellets Obtained from Sugar Beet Agricultural Waste Based on Experimental Data</b> <i>Bahadır DEMİREL, Osman Mert YAZ, Nurdoğan TOPAL</i>
11:15-11:25	<b>Implementation of Occupational Health and Safety Management System in Transformer Manufacturing</b> <i>Gökçe PEHLİVANER, Deniz DÖLGEN, Melis TABAK</i>	<b>Physiological Characteristics of the Viorica Grape Variety Depending on the Environmental Conditions of Growth</b> <i>Ana GRIBCOVA</i>
11:25-11:35	<b>Sustainable Decision-Making in Disassembly Line Balancing: Integrating Economic, Social, and Environmental Goals</b> <i>Elif GÜLER, Burcu TOKBAY ERKEK, İrem Nur AŞIK, Mehmet Ali ILGIN, Can B. KALAYCI</i>	<b>Effect of Different Applications on Rooting of Blackberry (<i>Rubus fruticosus</i> L.) Hardwood Cuttings</b> <i>Şahamettin Serkan ÖNTEPELİ, Gürsel ÖZKAN</i>
11:35-11:45	<b>An Integrated Evaluation of the Basketball Player Selection Problem with Hybrid Use of the ELECTRE Method and Mathematical Model</b> <i>Erdem AKSAKAL, Mustafa YILMAZ</i>	<b>Effects of Different Inter and Intra Row Spacing on the Yield of Sugar Beet (<i>Beta vulgaris saccharifera</i> L.)</b> <i>Fırat SEFAOĞLU, Volkan GÜL, Erdoğan ÖZTÜRK</i>
11:45-12:00	<b>Discussion</b>	<b>Discussion</b>

## IN-PERSON ATTENDANCE (2<sup>nd</sup> DAY, 3<sup>rd</sup> of September), ORAL PRESENTATIONS

	Hall-A	Hall-B
	<b>Session Chair:</b> Prof. Dr. Özgür ÖZTÜRK	<b>Session Chair:</b> Assoc. Prof. Dr. Aydın TÜRKYILMAZ
13:30-13:40	<b>Heterojunction Structures Fabricated with BHYC Thin Films: Investigation of Structural and Electrical Properties</b> <i>Sükrü ÇAVDAR, Abdullah GÖZTEPE</i>	<b>Plant-Derived Therapeutics in Chronic Kidney Disease: Mechanistic Insights, Clinical Potential, and Stage-Specific Applications</b> <i>Solayman OPE, Abdullah Zinnurain BIN ASHRAF, Mohammad ASHRAFUZZAMAN</i>
13:40-13:50	<b>Application of Bayesian-NLMS Based Maximum Power Point Tracking Algorithm to Photovoltaic Systems</b> <i>Faruk ERKEN</i>	<b>Examination of the Relationship Between Perceived Family-Centered Care and Stress Levels in Parents of Children Hospitalized in the Pediatric Intensive Care Unit</b> <i>Harun ÖZBEY, Gamze GÜZEL, Meral BAYAT</i>
13:50-14:00	<b>Digital Transformation in Automotive Factories via Automatic Data Acquisition</b> <i>Bukle Pelin BAYMUS</i>	<b>Can Artificial Intelligence Be the Future of Healthcare?</b> <i>Aisha BAKARE</i>
14:00-14:10	<b>Surface and Volume Resistivity of Benzoic Acid-TPU Composites</b> <i>Özgür ÖZTÜRK, Gizem SAYIN, Sedat KURNAZ, Turgay SEYDİOĞLU, Ahmet Tolga TAŞÇI</i>	<b>Propyl Gallate and Genotoxicity: A Review of Current Evidence and Future Perspectives</b> <i>Nihan AKINCI KENANOĞLU, Ahmet Ali BERBER</i>
14:10-14:20	<b>Experimental Performance Evaluation of OFDM Systems Using N210 USRP</b> <i>Omer ADIGUZEL, Ibrahim DEVELI</i>	<b>Transformer-Based Self-Supervised Learning for Early Prediction of Ovarian Cancer Treatment Efficacy</b> <i>Beyza AKYILDIZ, Caner OZCAN</i>
14:20-14:30	<b>XRD Investigation of Changes in Crystal Structure of ZnO at Different Sintering Temperatures</b> <i>Turgay SEYDİOĞLU</i>	<b>Analysis of Food Consumption Scale, Berg Balance Test and Mini Mental State Test Results in 60+ Years Old Sedentary Individuals</b> <i>Ozan ÖZDEMİR</i>
14:30-14:45	<b>Discussion</b>	<b>Discussion</b>
14:45-15:00	<b>Coffee Break</b>	

## IN-PERSON ATTENDANCE (2<sup>nd</sup> DAY, 3<sup>rd</sup> of September), ORAL PRESENTATIONS

	Hall-A	Hall-B
	<b>Session Chair:</b> <i>Prof. Dr. Bojan SIMOVSKI</i>	<b>Session Chair:</b> <i>Prof. Dr. Haluk KORALAY</i>
<b>15:00-15:10</b>	<b>The Effect of Color, Line, and Form on Creating a Peaceful Environment</b> <i>Çiğdem SAKICI, Ahmed Nazmi BAL</i>	<b>CFD-Integrated AI Approach for Optimizing Thermal Behavior in a Spiral-Grooved Rotating Roller Using MLP-Based Algorithms</b> <i>Mahir ŞAHİN, Mustafa KILIÇ, Şenol BAŞKAYA, Tamer ÇALIŞIR</i>
<b>15:10-15:20</b>	<b>Analysis of Quadratic and Binary Integer Programming Models for Hypothetical Facility Layout Planning Problem</b> <i>Didem ARI, Pinar MIZRAK ÖZFİRAT</i>	<b>Microstructure Analysis Using Image Processing Techniques: Phase Ratio Estimation and Quantitative Characterization</b> <i>Nihal YUMAK</i>
<b>15:20-15:30</b>	<b>Evaluation of Design Criteria for Net-Zero Carbon Interior Spaces</b> <i>Ekin BAYRAK, Pelin YILDIZ</i>	<b>Optimizing Process Parameters for Enhanced Mechanical and Microstructural Properties of Ti-6Al-4V Alloy via Selective Laser Melting</b> <i>Nihal YUMAK</i>
<b>15:30-15:40</b>	<b>Native Legumes Suitable for Landscaping of Disturbed Areas in North Macedonia</b> <i>Jane ACEVSKI, Bojan SIMOVSKI</i>	<b>Green Strategies for Li-ion Battery Recycling: Ultrasonic, Microwave, and Anodic Dissolution-Assisted Deep Eutectic Solvent Approaches</b> <i>Hasan ALGUL</i>
<b>15:40-15:50</b>	<b>Plant-Derived Therapeutics in Chronic Kidney Disease: Mechanistic Insights, Clinical Potential, and Stage-Specific Applications</b> <i>Mohammad Solayman OPE, Abdullah Zinnurain BIN ASHRAF, Mohammad ASHRAFUZZAMAN</i>	<b>Numerical Investigation of Impingement/Effusion Cooling with Additional Cooling Channels on Cooling Effectiveness</b> <i>Fatih ŞENYAYLA, Tamer ÇALIŞIR, Şenol BAŞKAYA, Mustafa KILIÇ</i>
<b>15:50-16:05</b>	<b>Discussion</b>	<b>Discussion</b>
<b>16:05-16:20</b>	<b>Coffee Break</b>	



## IN-PERSON ATTENDANCE (2<sup>nd</sup> DAY, 3<sup>rd</sup> of September), ORAL PRESENTATIONS

	<b>Hall-A</b>
	<b>Session Chair:</b> <i>Prof. Dr. Mustafa Nuri DOLMAZ</i>
<b>16:20-16:30</b>	<b>Seismotectonic and Magnetic Characterization of Crete Island and Adjacent Regions in the Aegean Plate</b> <i>Mustafa Nuri DOLMAZ, Sercan KAYIN</i>
<b>16:30-16:40</b>	<b>Optimization of Geophysical Data Using a Metaheuristic Framework</b> <i>Çağlayan BALKAYA</i>
<b>16:40-16:50</b>	<b>Production of Activated Carbon from Rhododendron Leaf and Removal of Chemical Oxygen Demand from Domestic Wastewater</b> <i>Doğan ÇAKIR, Aydın TÜRKYILMAZ</i>
<b>16:50-17:00</b>	<b>Influence of Activation Temperature on KOH-Activated Carbons from Biomass Precursors</b> <i>Aydın TÜRKYILMAZ, Kaan İŞINKARALAR</i>
<b>17:00-17:10</b>	<b>A Metaheuristic Framework with the Firefly Algorithm for Gradient-free Edge Detection</b> <i>Çağlayan BALKAYA</i>
<b>17:10-17:20</b>	<b>Investigation of Quenching Medium and Diameter Effects on the Mechanical Properties of AISI 4340 Steel</b> <i>Emre TAŞÇI, Seda KARTAL, Erkut ATAŞ</i>
<b>17:20-17:35</b>	<b>Discussion</b>
<b>19:30</b>	<b>Gala Dinner</b>

## IN-PERSON ATTENDANCE, POSTER PRESENTATIONS

Posters should be hung to the designated area at **Poster Hall** on 2<sup>nd</sup> of September (1<sup>st</sup> day of the congress) and displayed by the presenting author until 3<sup>rd</sup> of September, 17:00.

<b>LC-ESI-MS/MS Phytochemical Profiling, Cytotoxicity, Antioxidant and Anticholinesterase Activities of Ethyl Acetate and n-butanol Fractions of Hypericum Extract</b> <i>Nousseiba ABED, Elbatoul Ahmed RAIS, Zahia KABOUCHE, Mehmet OZTURK, Dilaycan ÇAM, Mustafa Abdullah YILMAZ, Oguz CAKIR, Abbas TARHAN, Fethi Farouk KEBAILI</i>
<b>A Review Study of the Effect of Adding Plant Derivatives to Broiler Feed on Growth Performance, Mortality Rate, Immune and Physiological Parameters</b> <i>Mohamed Omar Abdalla SALEM, Ali Fouzi Otman Elhadi DHW</i>
<b>Assessment of Microplastic Contamination along the Sfantu Gheorghe Distributary: Spatial Distribution and Polymer Types</b> <i>Alexandru CHELARU, Laura TOPALA, Emanuel BALTAG, Mihai CIOLAN, Roxana STRUNGARU-JIJIE</i>
<b>Studying Social and Locomotor Behavior of Zebrafish After Administration of Ceftazidime and Polypropylene Microplastics</b> <i>Ramona-Alexandra CIAUSU, Alexandru CHELARU, Dorel URECHE, Roxana STRUNGARU-JIJIE, Gabriel Andrei ANDRONIC, Alin Stelian CIOBICA, Mircea Nicusor NICOARA</i>
<b>Production and Bioactivity Analysis of 45S5 Glass-Ceramics Doped with Functional Metal Oxides</b> <i>Ayten SEÇKİN, Mehmet Ali AKSAN, Serap SAFRAN, Sedat ODABAŞ, Gökhan KIRAT, Haluk KORALAY</i>
<b>The Impact of Forest Fires on Soil in Türkiye: An Analysis in the Context of Climate Change</b> <i>Cavit HAN, Özlem AĞIRMAN HAN, Mehmet KÜÇÜK</i>
<b>Evaluation of Aquaporin 7 (AQP7) Like Protein Expression in Alfalfa (<i>Medicago sativa</i> L.) Under Salinity Stress</b> <i>Dilara KAYNAR, Ozgur KAYNAR</i>
<b>Microplastics in Black Sea Fish: Insights from the Three Most Abundant Commercial Fish Species</b> <i>Kenan GEDİK</i>
<b>Bisphenol A in the Commercial Fish Species from the Black Sea: Levels, Exposure, and Health Risks</b> <i>Kenan GEDİK</i>
<b>Preliminary Data on Phthalate Esters in Fish from the Black Sea</b> <i>Kenan GEDİK</i>
<b>Dose-Dependent Behavioral Effects of Combined Polystyrene Nanoparticles and Ceftriaxone Exposure in Zebrafish Larvae</b> <i>Alexandru CHELARU, Ramona-Alexandra CIAUSU, Roxana STRUNGARU-JIJIE, Dorel URECHE, Gabriel Andrei ANDRONIC, Alin Stelian CIOBICA, Mircea Nicusor NICOARA</i>
<b>Allelopathic Potential of Rice (<i>Oryza sativa</i> L.) and Sesame (<i>Sesamum indicum</i> L.) Husks for the Suppression of <i>Papaver rhoeas</i> L.</b> <i>Derya ÖGÜT YAVUZ, Alihan KARAMANLI, Emirhan YARAT</i>
<b>Influence, Compatibility, and Determination of Productivity Increase in Melliferous Trees and Shrubs</b> <i>Javlon JURAYEV, Kamola KHALILOVA</i>
<b>Enhancing Mechanical Properties of Epoxy Composites via Alkaline Treatment: Role of Barley Straw Fiber Reinforcement</b> <i>Mohamed Omar Abdalla SALEM, Emhimmid MISBAH, Marwan Abdussalam M. ELHEMSHERI, Ilyas Ammer Saeed SALEM</i>

## ONLINE ATTENDANCE (1<sup>st</sup> DAY, 2<sup>nd</sup> of September), ORAL PRESENTATIONS

	Virtual Hall-1	Virtual Hall-2
	Session Chair: Prof. Dr. Hamda AZMAT	Session Chair: Prof. Dr. Hassan POURBABAEI
14:30-14:40	<b>Phthalate-Induced Oxidative Stress and Genotoxicity in <i>Cyprinus carpio</i>: An <i>in vitro</i> Toxicity Assessment</b> <i>Moazama BATOOL, Khansa AHMED, Qurat ul AIN, Mehwish DAVID, Hamda AZMAT</i>	<b>Effect of Fire on Woody Species Diversity Case Study: Shanderman the 3<sup>rd</sup> District, in the North of Iran</b> <i>Amer MIRZAZADEH, Hassan POURBABAEI, Maryam Kazempour LARSARY</i>
14:40-14:50	<b>Piericidin from a Sponge-Associated <i>Streptomyces chumphonensis</i> Exhibiting Potent Cytotoxicity Against NSCLC Cell Line NCI H460</b> <i>Merlin Titus SUSAN, Rojin JOSEPH, Muhammed Shafeer MOTTEMMAL, Sajeevan Thavarool PUTHIYEDATHU</i>	<b>The Survey of Woody Species Diversity in <i>Taxodium distichum</i> and <i>Alnus glutinosa</i> Stands in the North of Iran</b> <i>Arman ANDISTA, Ali SALEHI, Mahmoud SHABANPOUR</i>
14:50-15:00	<b>Acute Arsenic Exposure Triggers Cytogenotoxicity and Histological Alteration in <i>Labeo rohita</i></b> <i>Hamda AZMAT, Fakhira KHALID</i>	<b>Specificity of Chemical Element Distribution in Scots Pine (<i>Pinus sylvestris</i> L.) Organs in the Zones of Influence of the Aerotechnogenic Magnesite Pollution</b> <i>Nadezhda POSPELOVA (KUZMINA), Sergey MENSCHIKOV</i>
15:00-15:10	<b>Mitigating Arsenic Toxicity in <i>Labeo rohita</i> through <i>Moringa oleifera</i>: Immune and Cellular Restoration</b> <i>Fakhira KHALID, Hamda AZMAT</i>	<b><i>Quercion petraeae</i> Issler 1931 Alliance in the "Dobruša" Landscape Reserve in the Republic of Moldova</b> <i>Victor SFECLĂ</i>
15:10-15:20	<b>Evaluation of Toxic Effects of Microplastics (Polyethylene Terephthalate) on Growth Performance and Biochemical Markers in Rohu, <i>Labeo rohita</i></b> <i>Amna IQBAL, Hamda AZMAT</i>	<b>Digital Echoes of Green: Social Perspectives on Forestry Policies on Social Media in Türkiye</b> <i>İlknur CESUR</i>
15:20-15:30	<b>Physiological and Biochemical Studies of the Effect of Epibrassinolide on Laboratory Mice under Stress Condition</b> <i>Elena VOLKOVA</i>	Discussion
15:30-15:45	Discussion	

## ONLINE ATTENDANCE (1<sup>st</sup> DAY, 2<sup>nd</sup> of September), ORAL PRESENTATIONS

	Virtual Hall-1	Virtual Hall-2
	<b>Session Chair:</b> Prof. Dr. Erkan CAN	<b>Session Chair:</b> Assoc. Prof. Dr. Mete YAĞANOĞLU
<b>16:00-16:10</b>	<b>Assessment of ERA5-Land Reanalysis Climate Data Accuracy in Isparta, Türkiye: A Ground-Based Comparison</b> <i>Mehmet S. ÖZÇELİK</i>	<b>Comparative Evaluation of YOLO-based Architectures for Dangerous Object Detection in Surveillance Imagery</b> <i>Abdulfattah BA ALAWI, Ferhat BOZKURT, Mete YAĞANOĞLU</i>
<b>16:10-16:20</b>	<b>Habitat Losses of Black Sea Anchovy due to Climate Change</b> <i>Yusuf CEYLAN</i>	<b>Artificial Intelligence-Assisted Segmentation of Users in Fintech Applications</b> <i>Pınar ÇELDİRME KAYGUSUZ, Ünal ASİL, Hande ARSLAN, Ahmet Cem ÖZDEMİR, Nazım TAŞKIN</i>
<b>16:20-16:30</b>	<b>Analysis of the Role of Climate Change in the Transformation of Tourism Destinations</b> <i>Habib Mahmoodi CHENARI, Zahra JENSI</i>	<b>A Data-Driven Approach to Customer Churn in Payment Systems: A Comparative Analysis of Machine Learning Models</b> <i>Halil DALMAZ, Ulviye SAVAŞ, Mehmet Güven GÜLEÇ, Oğuzhan AKKURT, Nazım TAŞKIN, Yavuz ACAR</i>
<b>16:30-16:40</b>	<b>Climate Change–Aquaculture Interactions: Risks, Opportunities, and the Future</b> <i>Mustafa DOĞAN, Brian AUSTIN, Erkan CAN, Şafak SEYHANEYILDIZ CAN</i>	<b>Comparative Study of CPU vs GPU Performance for XGBoost on Imbalanced Income Classification Dataset</b> <i>İsa SADİGOV</i>
<b>16:40-16:50</b>	<b>Impacts of Pollution and Climate Change on the Biodiversity of the Réghaia Wetland (Algeria)</b> <i>Yasmina DJITLI, Samia DAOUDI- HACINI, Nesrine DAGHEFALI, Karima LOUCIF</i>	<b>A Hybrid Parallel Architecture with BERT and BiLSTM for Enhanced Analysis of Turkish Educational Sentiment</b> <i>Abdulfattah BA ALAWI, Ferhat BOZKURT, Mete YAĞANOĞLU</i>
<b>16:50-17:00</b>	<b>Life Cycle Assessment of Rasht Urban Waste Management System: Strategies to Reduce Global Warming Potential and Achieve Sustainable Development</b> <i>Sadaf FEYZI, Zahra ZAMIRAEI</i>	<b>Application of the Moth-Flame Optimization Algorithm to Self-Potential Data Inversion</b> <i>Seçil TURAN-KARAOĞLAN, Sanam HOSSEINZADEH, Gökhan GÖKTÜRKLER</i>
<b>17:00-17:15</b>	<b>Discussion</b>	<b>Discussion</b>

## ONLINE ATTENDANCE (1<sup>st</sup> DAY, 2<sup>nd</sup> of September), ORAL PRESENTATIONS

	Virtual Hall-1	Virtual Hall-2
	<b>Session Chair:</b> <i>Prof. Dr. Sergey MENSCHCHIKOV</i>	<b>Session Chair:</b> <i>Assoc. Prof. Dr. Abdullah AÇIK</i>
<b>17:30-17:40</b>	<b>Assessment of Temperature and pH Parameters of the Tortum Stream between 2023 and 2024</b> <i>Zehra Nur DEMİR, Gökhan ARSLAN</i>	<b>Drought Classification based on Standard Runoff Index at Different Time Scales in Sakarya Basin</b> <i>Hatice CİTAKOĞLU, Mehmet GÜNEY, Gaye AKTÜRK</i>
<b>17:40-17:50</b>	<b>Reclamation of Disturbed Lands in the Urals, Russia</b> <i>Sergey MENSCHCHIKOV, Nadezhda POSPELOVA (KUZMINA)</i>	<b>Effects of Different Wood Surface Processing Machines on the Adhesion Strength and Surface Roughness of Water-Based Varnish</b> <i>Mehmet KARAMANOĞLU</i>
<b>17:50-18:00</b>	<b>Assessment of the Ecological Status of Phytobenthos along the Black Sea Coast of Georgia Based on Environmental Protection Agency Data for 2021 and 2023</b> <i>Givi GAVARDASHVILI, Konstantine BZIAVA, Adem Yavuz SÖNMEZ, Tamriko SUPATASHVILI, Sophio MODEBADZE</i>	<b>Economic Analysis and Optimization of Organic Rankine Cycle in Marine Diesel Engine Using Biohydrogen as Working Fluid</b> <i>Zalina MAT NAWI, Siti Kartom KAMARUDIN, Siti Rozaimah SHEIKH ABDULLAH</i>
<b>18:00-18:10</b>	<b>The Research of the Processes of Self-Overgrowing of Pine in the Recultivated Territory of Ash Dump of Reftinskiy State District Power Plant</b> <i>Ivan NEKLYUDOV</i>	<b>The Shipping Sector Under Carbon Pressure: Multi-Scale Analysis of EUA Futures Prices</b> <i>Cherdvong SAENGSPAVANICH, Abdullah AÇIK</i>
<b>18:10-18:20</b>	<b>Exploring the Potential of Chlorella for Water Purification</b> <i>Diana SYULEKCHIEVA, Blagovesta MIDYUROVA, Daria BULYSHEVA, Mikhaylo BROSHKOV, Yurii BOIKO, Yordanka TASHEVA, Aleksandar DIMITROV</i>	<b>Hybrid Machine Learning Models for Drought Forecasting Using the Palmer Drought Severity Index: The Case of Kayseri, Türkiye</b> <i>Volkan GUNDUZ, Hatice CİTAKOĞLU, Gaye AKTÜRK</i>
<b>18:20-18:30</b>	<b>Monitoring of the Environment Under the Influence of Magnesite Pollution</b> <i>Viktoria GORBUNOVA, Sergei MENSCHCHIKOV</i>	<b>Discussion</b>
<b>18:30-18:45</b>	<b>Discussion</b>	

## ONLINE ATTENDANCE (2<sup>nd</sup> DAY, 3<sup>rd</sup> of September), ORAL PRESENTATIONS

	Virtual Hall-1	Virtual Hall-2
	Session Chair: Prof. Dr. Ertan YILDIRIM	Session Chair: Assoc. Prof. Dr. Hüseyin SARI
09:00-09:10	<b>Urease, Acid Phosphatase, Alkaline Phosphatase, and Dehydrogenase Activities of Soil Treated with Stabilized Sewage Sludge</b> <i>Elif YAĞANOĞLU, Caner YERLİ</i>	<b>Evaluation of Intrusive Relief Forms in terms of Tourism and Recreation in the Nakhchivan Autonomous Republic</b> <i>Etıqat BEKTASHİ, Turkana ALİYEVA</i>
09:10-09:20	<b>Evaluation of Field Harvest Residues as Protein-Based Biostimulants</b> <i>Furkan ÇOBAN</i>	<b>An Archaeogeophysical Investigation Using Magnetic Gradiometry Method in Western Anatolia</b> <i>Sercan KAYIN, M. Nuri DOLMAZ, Ezgi ERBEK KIRAN</i>
09:20-09:30	<b>Optimizing Fodder Production in Agroforestry Systems by Integrating Napier Grass and Tree Species with Varying Nitrogen Doses</b> <i>Md Shafiqul BARI, Farhana AFROSE, Sumaya KHATUN, Md Shoaibur RAHMAN, Mahmuod Abubakar BASHIR, Md Manik ALI</i>	<b>Application of Hybrid Metaheuristics in Geophysics: A Combination of Differential Evolution and Particle Swarm Optimization</b> <i>Sanam HOSSEINZADEH, Gökhan GÖKTÜRKLER, Seçil TURAN-KARAOĞLAN</i>
09:30-09:40	<b>Advances in Forage Crop Improvement through Integrated Omics Approaches</b> <i>Muhammad SHERAZ, Sidra ZAHOOR, Muhammad SHAHNAWAZ, Muhammad TAIMOOR FARRUKH KHAN, Tayyab NAWAZ KHAN, Ali ANWAAR, Muhammad WAQAS ASHIQ</i>	<b>Mapping the Local Distribution of Some Physico-chemical Properties of the Soils of the Meriç Delta Using Geographic Information Systems (GIS)</b> <i>Hüseyin SARI, Gökben TOPAL</i>
09:40-09:50	<b>The Degradation of Methylene Blue Using the Photocatalytic Activity of Ag, Se and Ag<sub>2</sub>Se Nanoparticles Produced by <i>Pseudomonas aeruginosa</i></b> <i>Ozlem GUR OZDAL</i>	<b>Spatio-temporal Analysis of Land use and Land Cover Changes in Semi-Arid Central Anatolia Using CORINE Data: A Case Study of Sivas Province, Türkiye</b> <i>Hüseyin SARI, Ersin VAPUR</i>
09:50-10:00	<b>Anther Culture Response in Selected Safflower Breeding Lines</b> <i>Emine ATALAY</i>	<b>Sustainable Use of Water and Purification Methods in Aquaculture</b> <i>Mustafa DOĞAN, Cristian CARBONI, Erkan CAN</i>
10:00-10:15	Discussion	Discussion

## ONLINE ATTENDANCE (2<sup>nd</sup> DAY, 3<sup>rd</sup> of September), ORAL PRESENTATIONS

	Virtual Hall-1	Virtual Hall-2
	<b>Session Chair:</b> Assist. Prof. Dr. Albaris B. TAHILUDDIN	<b>Session Chair:</b> Prof. Dr. Stepan VARBAN
10:30-10:40	<b>Baseline Assessment of Reef-Associated Fish Assemblages in Sibuguey Bay, Zamboanga Sibugay, Philippines</b> <i>Floriefe GONZAGA-TORINO, Noraisa SALIPADA, Jecelle Lou ALAJAS, Sheila MAGOLAMA, Leovingildo Jr. TORINO</i>	<b>Effect of Chitosan on the Texture Profile of Rainbow Trout (<i>Oncorhynchus mykiss</i>) Fillets Stored at the Refrigerator</b> <i>Hazal BAŞAR YILMAZ, Ali Eslem KADAK</i>
10:40-10:50	<b>Lobster Species Landed in Bodega of Bongao, Tawi-Tawi, Philippines</b> <i>Vyeve-Ann MARIDOL, Maria Liza TORING-FARQURABAO, Jurmin SARRI, Emely TALAID</i>	<b>Evaluation of Physical, Microbial, and Sensory Changes in Blacktip Sardinella (<i>Sardinella melanura</i>) during the Ice Storage</b> <i>Alsadam ALPHA, Jaro O. AJIK, Kingpu O. AJIK, Marilyn AMLANI</i>
10:50-11:00	<b>The Persistence of Dynamite Fishing: A Case Study of Illegal Practices in Coastal Communities of Tawi-Tawi, Philippines</b> <i>Albaris B. TAHILUDDIN, Nour Mahdey T. YANGSON</i>	<b>Investigation of the Lactation Performance of Cows of Different Breeds in the Southern Region of Moldova</b> <i>Stepan VARBAN, Alla CARA</i>
11:00-11:10	<b>Ecological Assessment of Seagrass Species and Habitat Condition in Sibuguey Bay, Zamboanga Sibugay, Philippines</b> <i>Noraisa SALIPADA, Floriefe GONZAGA-TORINO, Jecelle Lou ALAJAS, Sheila MAGOLAMA, Leovingildo Jr. TORINO</i>	<b>Physicochemical and Textural Properties of Bigels Prepared Using Candelilla Wax in Different Proportions</b> <i>Hatice KAYA, Mine KIRKYOL, Seyma ŞİŞİK OĞRAŞ, Ahmet AKKÖSE</i>
11:10-11:20	<b>Challenges and Practices in Lobster Fishing: A Case Study from Banaran, Tawi-Tawi</b> <i>Hanida J. ANDAWTAL, Maria Liza B. TORING-FARQUERABAO, Angelica B. BERMIL, Wahaymin M. JAMIL, Alhamin A. ANUDDIN</i>	<b>The Effects of Using Different Waxes and Their Mixtures on Physicochemical and Textural Properties of Bigels</b> <i>Mine KIRKYOL, Hatice KAYA, Ahmet AKKÖSE, Seyma ŞİŞİK OĞRAŞ</i>
11:20-11:30	<b>Assessment of Mangrove Species Composition and Habitat Condition in Sibuguey Bay, Zamboanga Sibugay, Philippines</b> <i>Floriefe GONZAGA-TORINO, Noraisa SALIPADA, Jecelle Lou ALAJAS, Sheila MAGOLAMA, Leovingildo Jr. TORINO</i>	<b>Molecular and Morphological Characterization of Cluster Bean (<i>Cyamopsis tetragonoloba</i> L. Taub.) Using ISSR and RAPD Techniques</b> <i>Beenish AFTAB, Farah NAZIM</i>
11:30-11:45	<b>Discussion</b>	<b>Discussion</b>



## ONLINE ATTENDANCE (2<sup>nd</sup> DAY, 3<sup>rd</sup> of September), ORAL PRESENTATIONS

	Virtual Hall-1	Virtual Hall-2
	<b>Session Chair:</b> <i>Prof. Dr. Ali SALEHI</i>	<b>Session Chair:</b> <i>Assoc. Prof. Dr. Sefa ACARLI</i>
<b>12:00-12:10</b>	<b>Evaluation of Türkiye Forestry Statistics based on 2024 Data</b> <i>Fadime SAĞLAM, Oytun Emre SAKICI</i>	<b>Value Chain Analysis of the Live Reef Fish Trade in Tawi-Tawi: Socioeconomic and Ecological Dimensions</b> <i>Fauzia R. ESMOLA, Maryann C. BULANTE, Mohammad Amilussin AMMANG, Akkil S. INJANI, Mahater S. BENSUAL, Chris Ivan L. RUDRIGUEZ, Amer Philip D. HAMISAIN, Nur-rifhan A. YUSOP, Richard N. MUALLIL</i>
<b>12:10-12:20</b>	<b>Export of Non-Wood Forest Products from the Republic of Moldova</b> <i>Novac GHEORGHE</i>	<b>The Secret of the Sphere: Nature's Energy Codes and Reflection in Human Culture</b> <i>Yasin KHALILOV</i>
<b>12:20-12:30</b>	<b>Investigating Species Diversity and Composition of the Soil Seed Bank During Secondary Succession in the Zagros Forests, Western Iran</b> <i>Verya RAHIMI, Hassan POURBABAEI, Mehdi HEYDARI, Sezgin AYAN</i>	<b>General Acceptability of "Kabbok" Formulation from Different Species of Sea Urchin</b> <i>Jurmin H. SARRI, Me-ann Rose V. ALFAD, Shevani H. MUNABBI, Marsilyn A. ISMAEL, Nuraida U. ALPHA, Alsadam S. ALPHA, Al-ashaarie A. GAIB</i>
<b>12:30-12:40</b>	<b>Ethnobotanical Survey of Plant Used for the Treatment of Sexual Hormonal Disorder in Two South Localities in Algeria</b> <i>Farah RAMDANE, Khelifi RAWANE, Hammia CHAHINAZ, Bouafia AMANI, Soualmi AICHA</i>	<b>Multi-Level Analysis of Wheat Import Sensitivity in IGAD Countries: From Country-Level Elasticities to Regional Causal Dynamics</b> <i>Aden Moussa DOUKSIYE, Abdullah ACIK</i>
<b>12:40-12:50</b>	<b>The Survey of Tree Species Diversity in Persian Ironwood (<i>Parrotia persica</i> C.A Mey) Sites in the North of Iran</b> <i>Saman Pourabbasi SHIRAZ, Hassan POURBABAEI, Ali SALEHI</i>	<b>The Circular Breath of the Hearth: Domestic Harmony of the World's People</b> <i>Yasin KHALILOV</i>
<b>12:50-13:05</b>	<b>Discussion</b>	<b>Discussion</b>



## ONLINE ATTENDANCE (2<sup>nd</sup> DAY, 3<sup>rd</sup> of September), ORAL PRESENTATIONS

	Virtual Hall-1	Virtual Hall-2
	<b>Session Chair:</b> Assist. Prof. Dr. İbrahim Behram UĞUR	<b>Session Chair:</b> Assoc. Prof. Dr. Semih KALE
14:30-14:40	<b>Investigation of the Effect of Solution Treatment Time on Impact Resistance and Mechanical Properties of Aluminum Wheels</b> <i>Berkay ORAL, Fulya EYÇİN</i>	<b>Phytotherapeutics in Tilapia Aquaculture: Effects on Growth, Hematological, Biochemical and Immunological Indices, and Pathogen Resistance</b> <i>Jonald C. BORNALES, Rahmi Can ÖZDEMİR, Keriman YÜRÜTEN ÖZDEMİR</i>
14:40-14:50	<b>Optimal Gas Withdrawal Strategy in Reconstructed Ring-Type Pipelines Under Unsteady Flow Conditions</b> <i>İlgar ALİYEV</i>	<b>Biochemical Composition of Narrow-Clawed Crayfish (<i>Pontastacus leptodactylus</i>) Eggs in Atikhisar Reservoir (Çanakkale, Türkiye)</b> <i>Semih KALE, Selçuk BERBER, Pervin VURAL, Deniz ACARLI, Sefa ACARLI, Bayram KIZILKAYA, Pınar ÇELİK, Nejdet GÜLTEPE</i>
14:50-15:00	<b>Effect of Seismic Ground Motion Levels on the Optimum Design of Steel Frames Using the Dandelion Optimizer</b> <i>İbrahim Behram UĞUR</i>	<b>Philippine Aquaculture: Pathways to Sustainable AI Adoption</b> <i>Jonald BORNALES, Aslanie LIMBONA, Johaimen OMAR, Bai Rafsan-Zahna MAMA, Keriman YÜRÜTEN ÖZDEMİR</i>
15:00-15:10	<b>An Investigation on Lithium-Ion Batteries: Safety Challenges and Thermal Management in Aviation Applications</b> <i>Eralp AKMAN, Ozge YETİK</i>	<b>Endangered Species <i>Pinna nobilis</i> in Hope: Aquaculture-Based Conservation and Monitoring Efforts in the Eastern Mediterranean</b> <i>Sefa ACARLI, Deniz ACARLI</i>
15:10-15:20	Discussion	<b>Survival Response of Nile Tilapia (<i>Oreochromis niloticus</i>) to Thermal and Salinity Stress: Modulatory Role of Phytogetic Extracts</b> <i>Gerly-Ayn TUPAS, Sitti Darmiya BAID</i>
15:20-15:35		Discussion

## ONLINE ATTENDANCE (2<sup>nd</sup> DAY, 3<sup>rd</sup> of September), ORAL PRESENTATIONS

	Virtual Hall-1	Virtual Hall-2
	Session Chair: Prof. Dr. Bünyamin DEMİR	Session Chair: Prof. Dr. Hünkar Avni DUYAR
16:00-16:10	<b>Influence of Calving Interval Duration on Milk Productivity of Cows and Profitability of Milk Production</b> <i>Alla KITAEVA, Ihor PETROV, Olena BEZALTYCHNA, Andrii HNASKO</i>	<b>Effect of Temperature on Pearl Formation in Freshwater Mussels, <i>Lamellidens marginalis</i></b> <i>Sweta PRADHAN, Gouranga BISWAS, Shailesh SAURABH, Suman MANNA, Sukham MUNILKUMAR, Paramita B. SAWANT, Kiran D. RASAL, Tapas K. GHOSHAL</i>
16:10-16:20	<b>Push and Pull in Rural Livelihoods: A Systematic Review of Livelihood Diversification Determinants in Nigeria</b> <i>Farouk Shehu ABDULWAHAB, Salisu ABDULLAHI, Babagida HAMIDU, Muhammad GARBA, Aisha Bala ILIYASU</i>	<b>Papain Supplementation in Aquaculture: A Review of Its Effects on Growth Performance and Survival Rate</b> <i>Nurmeta A. AHAJAN, Gerly-Ayn J. TUPAS</i>
16:20-16:30	<b>Impact of Non-Conventional Feed Additives on the Morphofunctional Development of Digestive and Reproductive Systems in Adler Silver Hens</b> <i>Alla CARA</i>	<b>The Pervasive Role of Seaweeds in Coastal Diets: Insights from Tawi-Tawi, Philippines</b> <i>Albaris B. TAHILUDDIN, Fauzia R. ESMOLA, Suhana A. ABDURAUP et al.</i>
16:30-16:40	<b>Morphological and Biochemical Screening of Maize (<i>Zea mays</i> L.) Genotypes under Salt Stress</b> <i>Tayyab NAWAZ KHAN, Muhammad SHERAZ, Sidra ZAHOOR, Muhammad SHAHNAWAZ, Muhammad TAIMOOR FARRUKH KHAN, Ali ANWAAR, Muhammad WAQAS ASHIQ</i>	<b>Use of Nanoparticles from Plant Derivatives and Their Potential Usage in Aquaculture</b> <i>Mohamed Omar Abdalla SALEM, Nisrin Mohammed Ben OSMAN</i>
16:40-16:50	<b>The Role of Canistherapy in Martial Law Conditions</b> <i>Lilia KREMENCHUK, Ihor PETROV, Tetiana PUSHKAR, Dmytro DAVYDOV, Olena BEZALTYCHNA</i>	<b>Removal of Rhodamine B From Wastewater Using Fixed Bed Column of Functionalized Sugarcane Bagasse</b> <i>Rathod SONIYA, Suman MANNA, Sweta PRADHAN, Tapas Kumar GHOSHAL</i>
16:50-17:00	<b>Fluctuation in Populations of the Aphid <i>Rhopalosiphum padi</i> on Durum Wheat at the ITGC Oued Smar Station: Biological Control Trial</b> <i>Samia DAOUDI-HACINI, Nesrine DAGHEFALI, Yasmina DJITLI, Hassiba BERRAI, Oussama BENMAHI</i>	<b>Length-Weight Relationship and Condition Factor of Nile Tilapia (<i>Oreochromis niloticus</i> Linnaeus, 1758) Fed with Different Inclusion Levels of Microplastics</b> <i>Wahaymin JAMIL, Yashier JUMAH, Jaro AJIK, Gerly-Ayn TUPAS, Rizal Jhunn ROBLES, Jurma TIKMASAN</i>
17:00-17:15	Discussion	Discussion

## ONLINE ATTENDANCE (2<sup>nd</sup> DAY, 3<sup>rd</sup> of September), ORAL PRESENTATIONS

	Virtual Hall-1	Virtual Hall-2
	<b>Session Chair:</b> Prof. Dr. Mahmut ELP	<b>Session Chair:</b> Assoc. Prof. Dr. Serghei CARA
<b>17:30-17:40</b>	<b>Catch Efficiency of Mangrove Crab Pot Using Three Different Baits at Karungdung, Bongao, Tawi-Tawi</b> <i>Mudzrina H. ARIK, Maria Liza B. TORING-FARQUERABAO, Angelica B. BERMIL, Rizal Jhunn F. ROBLES, Wahaymin M. JAMIL</i>	<b>Effect of Vermicompost on Some Soil Properties and Plant Health</b> <i>Mohamed Omar Abdalla SALEM, Ali Fouzi Otman Elhadi DHW, Emhimmid MISBAH, Abduladheim Masoud MOHAMMED</i>
<b>17:40-17:50</b>	<b>Catch Efficiency of Multiple Handline Using Different Types of Baits in Banaran Lookan, Sapa-Sapa, Tawi-Tawi, Philippines</b> <i>Hussain ABDULJALIL, Wahaymin JAMIL, Rizal Jhunn ROBLES, Jurmin SARRI, Maria Liza TORING-FARQUERABAO</i>	<b>Feeding Ecology and Seasonal Diet Patterns of the Endangered Loach <i>Botia striata</i> in the Western Ghats</b> <i>Paramita BANERJEE SAWANT, Vikas Kumar UJJANIA, Munilkumar SUKHAM, Gouranga BISWAS, A. K. JAISWAR, Kiran D. RASAL, Debajit SARMA, N. C. UJJANIA, Subam DEBROY</i>
<b>17:50-18:00</b>	<b>Assessment of Gears Used for Crabbing in Small-Scale Fisheries of Panglima Sugala, Tawi-Tawi</b> <i>Alphaha H. JINANG, Ryan D. BUDDIK, Jhonrasper H. ABDURAUP, Jurmin H. SARRI, Maria Liza B. TORING-FARQUEDABAO, Angelica B. BERMIL</i>	<b>Reduced Nutrient Solution Concentration Promotes Physiological Responses, Yield and Quality of Watermelon in Hydroponic Vertical Farming System</b> <i>Md Mukhtar HOSSAIN, Yuki SHIBASAKI, Fumiyuki GOTO</i>
<b>18:00-18:10</b>	<b>Sahaat and the Sea: Traditional Fishing Practices for Sea Mantis Shrimp in Pangutaran, Sulu, Philippines</b> <i>Avhiezar ABDULHAN, Jurmin SARRI, Gerly-Ayn TUPAS, Rizal Jhunn ROBLES, Maria Liza TORING-FARQUERABAO</i>	<b>Impact of Protection Systems on the Spread of Major Diseases in Winter Barley Crops</b> <i>Oleg KRAINOV, Serhii ZHERENDIUK</i>
<b>18:10-18:20</b>	<b>The Sea Cucumber Fishery and Post-harvest Practices in Camotes Island, Cebu, Philippines</b> <i>Kenth Wawe L. GARCIANO, Rizalyn M. PICOY-GONZALES, Shereen A. MERRO, Maria Dulce L. ALIBANGBANG, Warren G. CANEOS</i>	<b>Assessment of the Current state of Viticulture in the Republic of Moldova and Strategies for Overcoming Crisis Trends</b> <i>Serghei CARA, Nadejda IANIOGLO</i>
<b>18:20-18:30</b>	<b>Effects of Different Mesh Sizes on Catch Per Unit Effort (CPUE) in Narrow-Clawed Crayfish (<i>Pontastacus leptodactylus</i>) Fisheries</b> <i>Semih KALE, Deniz ACARLI, Selçuk BERBER, Uğur ÖZEKİNCİ</i>	<b>Influence of Pelt Qualities of Breeding Rams on Embryogenesis of Lambs of the Askanian Karakul Breed</b> <i>Alla KITAEVA, Ihor PETROV, Ihor SLIUSARENKO, Volodymyr SHEIKO</i>
<b>18:30-18:45</b>	<b>Discussion</b>	<b>Discussion</b>

## ONLINE ATTENDANCE (3<sup>rd</sup> DAY, 4<sup>th</sup> of September), ORAL PRESENTATIONS

	Virtual Hall-1	Virtual Hall-2
	<b>Session Chair:</b> Assoc. Prof. Dr. Serdar BEKTAŞ	<b>Session Chair:</b> Assoc. Prof. Dr. Soner BİLEN
09:00-09:10	<b>Synergistic Potential of Laurel (<i>Laurus nobilis</i> L.) Essential Oil with Antibiotics to Combat Fish Pathogen <i>Aeromonas veronii</i></b> <u>Serdar BEKTAŞ</u> , İrem ÇELİK, Murat OZDAL	<b>Effects of Kamias (<i>Averrhoa bilimbi</i>) Juice Supplementation on the Growth Performance of Nile Tilapia (<i>Oreochromis niloticus</i>)</b> <u>Vevelinn KALI</u> , Alman SADDAAE, Gerly-Ayn TUPAS
09:10-09:20	<b><i>In silico</i> Characterization of Antiparasitic Peptides</b> <u>Melike CANPOLAT</u> , Mehtap ÖZKÜÇÜK, Zülal KESMEN	<b>Evaluation of Lanzones (<i>Lansium domesticum</i>) Juice as a Feed Additive on Growth Performance, Feed Efficiency, and Nutrient Utilization and Length-Weight Relationship of Tilapia (<i>Oreochromis niloticus</i>) Fingerling</b> <u>Bea S. CABILIN</u> , Gerly- Ayn J. TUPAS
09:20-09:30	<b>Monitoring of Animal Protozoosis</b> <u>Kateryna RODIONOVA</u> , Natalia SUMAKOVA, A. Anatoliy PALIY, Mykola KELEBERDA, Yuri DUNAEV	<b>Effects of Kamias (<i>Averrhoa bilimbi</i>) Juice Supplementation on the Length-Weight Relationship of <i>Oreochromis niloticus</i></b> <u>Vevelin KALI</u> , Alman SADDAAE, <u>Gerly-Ayn TUPAS</u>
09:30-09:40	<b><i>In vitro</i> Antimicrobial Susceptibility Testing of <i>Satureja hortensis</i> L. Essential Oil, Against <i>Streptococcus mutans</i> Bacterium</b> <u>Serdar BEKTAŞ</u> , Murat OZDAL, Sümeyra GÜRKÖK	<b>Length-Weight Relationship and Condition Factor of Wild Caught Juvenile Tiger Grouper (<i>Epinephelus fuscoguttatus</i> Forsskal, 1775) during Culture Period</b> <u>Al-Nasrif KISSAE</u> , Yashier JUMAH, Wahaymin JAMIL, Gerly-Ayn TUPAS, Marilyn AMLANI, Rizal Jhunn ROBLES, <u>Shada-Wati KISSAE</u> , Abdurizal ELDANI
09:40-09:50	<b>PGPR as a Bio-remedial Strategy for Enhancing Crop Productivity under Alkaline Stress</b> <u>Imam MUHYIDIYN</u> , Mohammad SOHIDUL ISLAM, Mahmud ABUBAKAR BASHIR	<b>Effect of Vermicompost Organic Fertilizer on the Growth of Sea Lettuce, <i>Ulva lactuca</i></b> <u>Nurmeta A. AHAJAN</u> , <u>Rizal Jhunn F. ROBLES</u>
09:50-10:00	Discussion	<b>Biodiversity and Conservation Imperatives of Philippine Beach Forests</b> <u>Gindol Rey A. LIMBARO</u> , Albaris B. TAHILUDDIN
10:00-10:15		Discussion

## ONLINE ATTENDANCE (3<sup>rd</sup> DAY, 4<sup>th</sup> of September), ORAL PRESENTATIONS

	Virtual Hall-1	Virtual Hall-2
	<b>Session Chair:</b> <i>Prof. Dr. Gouranga BISWAS</i>	<b>Session Chair:</b> <i>Assoc. Prof. Dr. Konstantine BZIAVA</i>
<b>10:30-10:40</b>	<b>Embryonic Development and Early Ontogenesis of Larvae of the Induced Bred Red-tailed Black Shark (<i>Epalzeorhynchus bicolor</i>)</b> <i>Gouranga BISWAS, Sajal MAITY, Snehasha CHATTERJEE, Parimal SARDAR, Paramita BANERJEE SAWANT, Udipta ROY, Debajit SARMA, Sweta PRADHAN, Tapas Kumar GHOSHAL</i>	<b>Assessing Per Capita Afforestation and Green Space in Alborz Province Using Google Earth and Field Data</b> <i>Mahmoud BAYAT, Hasan POURBABAEI</i>
<b>10:40-10:50</b>	<b>Application of AI in Philippine Aquaculture: A Lesson from Global Perspective</b> <i>Jonald BORNALES, Aslanie LIMBONA, Johaimen OMAR, Bai Rafsan-Zahna MAMA, Keriman YÜRÜTEN ÖZDEMİR</i>	<b>The Role of Machine Learning and GIS in Debris Flow Prediction</b> <i>Irma INASHVILI, Konstantine BZIAVA, Johannes HUBL, Zaal TSINADZE, Demetre JANJALASHVILI, Lasha KAVELASHVILI</i>
<b>10:50-11:00</b>	<b>AMPEP Supplementation for Biomass and Pigment Yield in Microalga <i>Chlorella sorokiniana</i> Cultivation</b> <i>J-Nadine M. JALILUL, Marcelita A. JEVA, Jurmin H. SARRI, Rizal Jhunn F. ROBLES, Wahaymin M. JAMIL</i>	<b>Consumer Satisfaction, Convenience, and Service Quality in Online Food Delivery: Sustainability Implications from Young Adults in Kota Bharu, Malaysia during the COVID-19 Endemic</b> <i>Rahijan Abdul WAHAB, Nur Athirah RAZALI</i>
<b>11:00-11:10</b>	<b>Influence of Different Durations of Ammonium Phosphate on <i>Eucheuma denticulatum</i> Growth in Tank Cultivation</b> <i>Khadiza H. IMLAN, Rizal Jhunn F. ROBLES, Raziman A. MAD-NURI</i>	<b>Integrated Management Plan for Conservation, Wise Use and Sustainable Development in the International Wetland of Bujagh National Park</b> <i>Tooba ABEDI, Hadi MODABERI</i>
<b>11:10-11:20</b>	<b>Enhancing Growth and Pigment Production of <i>Nannochloropsis</i> sp. through Salinity Modulation</b> <i>Jurmin H. SARRI, Al-Nasrif H. KISSAE, Melodina D. HAIROL, Khadiza H. IMLAN, Shardanika H. KISSAE, Rizal Jhunn F. ROBLES, Enraida S. IMBUK</i>	<b>Investigating the Effects of Forest Structure on River Water Quality Using Regression Modeling</b> <i>Sahar Heidari MASTEALI, Mahmoud BAYAT, Hasan POURBABAEI</i>
<b>11:20-11:30</b>	<b>Seaweed-Based IMTA of <i>Penaeus vannamei</i> and <i>Gracilaria foliifera</i> Enhances Nutrient Uptake, Growth Performance, and Stress Reduction in Pond Culture</b> <i>Madhuri PATHAK, Rohit RAJ, Harini G, Debajit SARMA</i>	<b>Investigation into Regeneration in Protected Hyrcanian Forest, Focusing on Soil and Vegetation Attributes, in a Conserved Beech Stand in Northern Iran</b> <i>Hassan POURBABAEI, Ali SALEHI, Saeed EBRAHIMI</i>
<b>11:30-11:45</b>	<b>Discussion</b>	<b>Discussion</b>

## ONLINE ATTENDANCE (3<sup>rd</sup> DAY, 4<sup>th</sup> of September), POSTER PRESENTATIONS

	Virtual Hall-1	Virtual Hall-2
	<b>Session Chair:</b> Assoc. Prof. Dr. Nicoleta Anca IONESCU (ŞUȚAN)	<b>Session Chair:</b> Assoc. Prof. Dr. Daria BULYSHEVA
<b>12:00-12:10</b>	<b>Research on Obtaining Extracts based on the <i>Prunella vulgaris</i> L. Species</b> <i>Constanța BUCĂLOIU</i>	<b>Artificial Reefs in Türkiye: A Look Back and a Look Forward</b> <i>Tolga AKDEMİR</i>
<b>12:10-12:20</b>	<b>Effects of Azoxystrobin on Aquatic Organisms</b> <i>Ionela BUCĂLOIU</i>	<b>Fatal Hydrochloric Acid Poisoning in a Dog</b> <i>Yurii BOIKO, Marina SKRIPKA, Igor PANIKAR</i>
<b>12:20-12:30</b>	<b>Impact of Silver Nanoparticles on Root Growth in Different Crop Plants</b> <i>Simona Elena PISCULUNGEANU, Liliana Cristina SOARE, Nicoleta Anca IONESCU (ŞUȚAN), Diana Ionela POPESCU (STEGARUS), Oana Alexandra LUȚU</i>	<b>Hygienic Assessment of the Impact of Free-Range Cow Housing on Milk Quality and Safety</b> <i>Liudmyla TARASENKO, Valerii VOITSEKHIVSKYI</i>
<b>12:30-12:40</b>	<b>The Influence of Extraction Method on <i>Prunella vulgaris</i> L. Extract Phytotoxicity</b> <i>Constanța BUCĂLOIU, Liliana Cristina SOARE, Oana Alexandra LUȚU, Ionica DELIU, Radu Claudiu FIERĂSCU, Irina FIERĂSCU, Diana Ionela POPESCU (STEGARUS), Nicoleta Anca IONESCU (ŞUȚAN)</i>	<b>Phytophagous Peas in the Odessa region</b> <i>Anna KRYVENKO, Tetiana MARCHENKO, Irina TRANDAFIR</i>
<b>12:40-12:50</b>	<b>Concentration-Dependent Effects of <i>Asplenium scolopendrium</i> Aqueous Extracts on <i>Paramecium caudatum</i> Populations</b> <i>Daniela BĂRBUCEANU, Nicoleta Anca IONESCU (ŞUȚAN), Ionica DELIU, Liliana Cristina SOARE</i>	<b>Insecticidal Control of Autumn-Sown Pea Crops Against Aphids in the Forest-Steppe Zone of Ukraine</b> <i>Maiia DZHAM, Anna KRYVENKO, Usov RUSLAN</i>
<b>12:50-13:00</b>	<b><i>In vitro</i> Antioxidant Activity of <i>Dianthus caryophyllus</i> L. Ethanolic Extract</b> <i>Mounira MERGHEM, Farouk MADANI, Nawel MEROUANI, Wafa NOUIOUA, Karima LOUCIF, Rima ALLOUNI, Rafika LEBAZDA, Ismahane DERAFA</i>	<b>Assessment of Key Nutrients in Trabzon Wastewater Treatment Plant</b> <i>Tolga AKDEMİR</i>

Above sessions continue on the next page



## ONLINE ATTENDANCE (3<sup>rd</sup> DAY, 4<sup>th</sup> of September), POSTER PRESENTATIONS

	Virtual Hall-1	Virtual Hall-2
	<b>Session Chair:</b> Assoc. Prof. Dr. Nicoleta Anca IONESCU (ŞUȚAN)	<b>Session Chair:</b> Assoc. Prof. Dr. Daria BULYSHEVA
<b>13:00-13:10</b>	<b>DPPH Radical Scavenging and <math>\beta</math>-Carotene Bleaching Activities of <i>Mentha rotundifolia</i> Extracts</b> <i>Mounira MERGHEM, Farouk MADANI, Wafa NOUIOUA, Nawel MEROUANI, Rima ALLOUNI, Karima LOUCIF, Rafika LEBAZDA, Ismahane DERAFA</i>	<b>Comparative Evaluation of Various Rehabilitation Methods for Dogs with Locomotor System Innervation Disorders</b> <i>Volodymyr KUSHNIR, Tetyana ARSHYNOVA</i>
<b>13:10-13:20</b>	<b>The Ability of Some Saprotrophic Fungi to Degrade Synthetic Polymers in Terrestrial Ecosystems</b> <i>Florina Cristina MIHĂESCU, Alina PĂUNESCU, Nicoleta Anca ŞUȚAN</i>	<b>From Signals to Solutions: A Structured Analytics Framework for Quality Improvement in the Modular Furniture Industry</b> <i>Ömer Faruk ERGAN, Çağatay TAŞDEMİR</i>
<b>13:20-13:30</b>	<b>Hydromethanolic and Aqueous Extracts of <i>Globularia alypum</i> L. Show Antimicrobial Effect</b> <i>Ismahane DERAFA, Rima HAICHOURE, Soumia FATHI, Saliha DAHAMNA, Smain AMIRA, Mounira MERGHEM</i>	<b>Data Mining Techniques for Weld Defect Detection by Image Classification</b> <i>Asya ASENOVA-ROBINZONOVA, Lilyana KOLEVA, Elena KOLEVA</i>
<b>13:30-13:40</b>	<b><i>Oudneya africana</i> Aqueous Extract as Natural Nutritional Supplements or Antioxidant Additives for Food Industry</b> <i>Karima LOUCIF, Nour El Houda BELABAS, Chahra DOUBI, Sabrina DJERBOUA, Mounira MERGHEM, Saliha DAHAMNA, Seddik KHENNOUF</i>	<b>Analysis of Dynamic Changes in Marine Ecosystems in order to Protect Biodiversity</b> <i>Kostiantyn DYADYURA, Serhii UMYNSKYI, Serhii ZHYTKOV</i>
<b>13:40-13:50</b>	<b>Analgesic Activity of <i>Warionia saharae</i> Aqueous Extract</b> <i>Karima LOUCIF, Nour El Houda BELABAS, Sabrina DJERBOUA, Mounira MERGHEM, Yasmına DJITLI, Saliha DAHAMNA, Seddik KHENNOUF</i>	<b>Capability of Reproduction of Scots Pine Under Conditions of Chronic Technogenic Pollution of the Environment</b> <i>Svetlana MAKHNIOVA, Pavel MOHNACHEV</i>
<b>13:50-14:00</b>	<b>Fruiting Biology of <i>Crataegus pentagyna</i> Waldst. &amp; Kit. ex Willd. in the Conditions of the Republic of Moldova</b> <i>Irina SFECLĂ, Elena TOFAN-DOROFEEV</i>	<b>Enhancing Antioxidant Activity in Dairy Products: The Role of Autochthonous Lactic Acid Bacteria Strains and Honey</b> <i>Anatoli CARTASEV, Iulia NEICOVCENA, Maria-Marcela BARBAROS</i>

## ONLINE ATTENDANCE (3<sup>rd</sup> DAY, 4<sup>th</sup> of September), POSTER PRESENTATIONS

	Virtual Hall-1
	<b>Session Chair:</b> Assoc. Prof. Dr. Blagovesta MIDYUROVA
15:30-15:40	<b>Assessment of Heavy Metal Pollution Using Lichens in Northeast of Algeria</b> <i>Douibi CHAHRA, Djerboua SABRINA, Lousif KARIMA</i>
15:40-15:50	<b>Management and Valorization of Industrial Waste in Sétif Province</b> <i>Douibi CHAHRA, Djerboua SABRINA, Lousif KARIMA</i>
15:50-16:00	<b>First Record of <i>Exallonyx microcerus</i> (Hymenoptera: Proctotrupidae) in Mitidja, North of Algeria</b> <i>Yasmina DJITLI, Nesrine DAGHEFALI, Karima LOUCIF, Hassiba BERRAI, Samia DAOUDI-HACINI</i>
16:00-16:10	<b>The Impact of Zeolites for Eco-Friendly Farming, Sustainable Beekeeping and Animal Husbandry</b> <i>Antonio RIZAKOV, Petyo RIZAKOV, Blagovesta MIDYUROVA, Elena KOLEVA</i>
16:10-16:20	<b>Satellite Monitoring of the Marine Ecosystems of the Black and Azov Seas</b> <i>Mykhailo BROSHKOV, Kostiantyn DYADYURA, Yurii BOIKO</i>
16:20-16:30	<b>Phytochemical Characterization, Antioxidant Activity and Gastroprotective Effect of <i>Globularia alypum</i> L. Ethyl Acetate Extract</b> <i>Ismahane DERAFA, Rima HAICHOURE, Saliha DAHAMNA, Smain AMIRA, Mounira MERGHEM</i>
16:30-16:40	<b>Monitoring of Soil and Land Resources Using Remote Sensing Methods (on the Example of the Myrhorod District of the Poltava Region, Ukraine)</b> <i>Dmytro SOPOV, Victor SIDORENKO, Oksana MALASHCHUK, Viacheslav FOMENKO, Nadiia SOPOVA</i>
16:40-16:50	<b>Wetland Health and Environmental Indicators: The Sebket Bazer Case Study</b> <i>Djerboua SABRINA, Douibi CHAHRA, Loucif KARIMA</i>
16:50-17:00	<b>Biodiversity and Vegetation Structure of Sebket Bazer: A Ramsar Site in Northeastern Algeria</b> <i>Djerboua SABRINA, Douibi CHAHRA, Loucif KARIMA</i>
17:00-17:10	<b>Creation of Experimental Under-Canopy Forest Crops in Conditions of Aerotechnogenic Emissions from the Karabash Copper Smelter</b> <i>Pavel MOHNACHEV, Nadezhda POSPELOVA (KUZMINA)</i>
17:10-17:20	<b>Presentation of Forest Seed-Stand Populations in Setif Province, Algeria</b> <i>Rima HAICHOUR, Ismahane DERAFA, Mouna KHAZNADAR</i>