



5th INTERNATIONAL CONGRESS ON ENGINEERING AND LIFE SCIENCE

SCIENTIFIC PROGRAM

**All times stated in this program are in Pitești, Romania time (GMT+3).
Virtual participants should convert the times to their local time zones.**

September 10-12, 2024, Pitești, ROMANIA



PHYSICAL ATTENDANCE (DAY 1, September 10th)

REGISTRATION: 08:30 - 09:30

OPENING SESSION (**Hall-A**)

09:30-10:00	Opening Ceremony and Speeches
10:00-10:45	<u>Keynote Speech I:</u> Climate change, net zero, technology and ethics <i>Geoffrey John LEVERMORE</i>
10:45-11:30	<u>Keynote Speech II:</u> Getting life science moving to engineering; The progress of optimization + automation + IoT <i>Kenan PEKER</i>
11:30-12:15	<u>Keynote Speech III:</u> Autophagy and stress in plants <i>Alessio PAPINI</i>

Opening Session will be broadcast through Zoom (**Virtual Hall-1**) and will be available to online participants' attendance

19:30	Gala Dinner
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PHYSICAL ATTENDANCE (DAY 1, September 10th), ORAL PRESENTATIONS

	Hall-A	Hall-B
	Session Chair: Prof. Dr. Adrian CLENCI	Session Chair: Prof. Dr. Mahmut ELP
14:30-14:40	Gains to soil from the use of legume forage crops as green fertilizer <i>Hüseyin SARI</i>	Turkish salmon <i>Adem Yavuz SÖNMEZ, Yiğit TAŞTAN, Gökhan ARSLAN</i>
14:40-14:50	An overview on the hydrotreated vegetable oil: Production, specifications, performance in use <i>Maria OPREA, Rodica NICULESCU, Adrian CLENCI, Mihaela NĂSTASE</i>	The pearl of Munzur, "Red Spotted Trout" <i>Sinan ÖZCAN, Ebru İfakat ÖZCAN</i>
14:50-15:00	Investigation of the effectiveness of some essential oils alone and synergic combinations against Beta Hemolytic Streptococcus <i>Dilek YENİÇERİ, Binnur MERİÇLİ YAPICI</i>	Exotic fish species of Kastamonu province <i>Mahmut ELP, Ertuğrul ÇAVDAR</i>
15:00-15:10	Effect of reduced tillage system on sunflower yield <i>Taha KOÇ, Hüseyin SARI</i>	Assessing occupational health and safety risks in offshore aquaculture systems in Türkiye <i>Mustafa KARGA</i>
15:10-15:20	Discussion	Suitability for aquaculture in Uzunçayır Dam Lake (Tunceli, Türkiye) <i>Sinan ÖZCAN, Ebru İfakat ÖZCAN</i>
15:20-15:30		Abundance of marine microorganisms on the farmed eucheumatoid seaweeds (<i>Kappaphycus</i> spp.) <i>Albaris B. TAHILUDDIN, Ertugrul TERZI</i>
15:30-15:45		Discussion



PHYSICAL ATTENDANCE (DAY 2, September 11th), ORAL PRESENTATIONS

	Hall-A	Hall-B
	Session Chair: Assoc. Prof. Dr. Hacı İsmail KESİK	Session Chair: Prof. Dr. Mustafa Nuri DOLMAZ
09:30-09:40	Effects of water-based thermal insulation paint applied to Scots pine (<i>Pinus sylvestris</i> L.) wood wall panels on the thermal conductivity coefficient <i>Hacı İsmail KESİK, Duygu ÖZTÜRK</i>	Magnetic-tectonic investigation between Nevşehir-Kayseri-Niğde, central Türkiye <i>Mustafa Nuri DOLMAZ, Ezgi ERBEK KIRAN</i>
09:40-09:50	The effects of some stand characteristics on stand-level biomass allocation in Scots pine stands <i>Oytun Emre SAKICI, Döndü DEMİREL</i>	Magnetic-depth estimation and geophysical investigation of Cappadocia volcanic province, central Türkiye <i>Mustafa Nuri DOLMAZ, Ezgi ERBEK KIRAN</i>
09:50-10:00	Climate resilience modelling at OMU green university Kurupelit Campus <i>İlknur ZEREN ÇETİN</i>	Evaluation of climate parameters and biocomfort analysis in Mersin province <i>Mehmet ÇETİN</i>
10:00-10:10	Effects of cellulosic lacquer paint applied to furniture edge bandings on adhesion and fire resistance <i>Hacı İsmail KESİK, Ayşe Sena KUTLUDENİZ</i>	Identification of biocomfortable areas using the new summer index in Sinop <i>Mehmet ÇETİN</i>
10:10-10:20	Determining green spaces as a green university strategy based on their impact on air quality: OMU Kurupelit Campus <i>İlknur ZEREN ÇETİN</i>	Investigation of soil salinity and properties in the Meriç delta with GIS techniques <i>Gökben TOPAL, Hüseyin SARI</i>
10:20-10:45	Discussion	Discussion
10:45-11:00	Coffee Break	



PHYSICAL ATTENDANCE (DAY 2, September 11th), ORAL PRESENTATIONS

	Hall-A	Hall-B
	Session Chair: Prof. Dr. Monica Marilena ȚÂNȚU	Session Chair: Assoc. Prof. Dr. Bojan SIMOVSKI
11:00-11:10	Reconstruction methods in lip cancer – Case report <i>Ana Cătălina ȚÂNȚU, Constantin CIUCUREL, Elena Ioana ICONARU, George Mihail MAN, Daniel Corneliu DIACONESCU, Alina PĂUNESCU, Monica Marilena ȚÂNTU</i>	Impact of climatic parameters on settlement preferences <i>Mehmet ÇETİN</i>
11:10-11:20	Main EU Policy instruments to improve the sustainability of agri-food systems <i>Gheorghe Cristian POPESCU</i>	Introduced and invasive alien woody species in North Macedonia (GRIIS v1.3) <i>Bojan SIMOVSKI</i>
11:20-11:30	Employee acceptance and implementation of digital business platforms: A cross-country study <i>Isidora MILOŠEVIĆ, Anđelka STOJANOVIĆ</i>	Development of introduced European selection grape clones in the ATU Gagauzia, Republic of Moldova <i>Serghei CARA</i>
11:30-11:40	Mapping the second-level digital divide: A study of internet skills and usage among older adults in European countries <i>Anđelka STOJANOVIĆ, Sanela ARSIĆ, Isidora MILOŠEVIĆ</i>	Eigenfunction expansion of Sturm-Liouville operator with discontinuous coefficient under transmission conditions <i>Ozge AKCAY</i>
11:40-11:50	Discussion	Effect of Peat-Based Feed Additive on Performance of Laying Hens <i>Larisa CAISIN, Alla CARA</i>
11:50-12:00		Evaluating the impact of sustainable green campus initiatives on air quality at university campuses <i>İlknur ZEREN ÇETİN</i>
12:00-12:15		Discussion



PHYSICAL ATTENDANCE (DAY 2, September 11th), ORAL PRESENTATIONS

	Hall-A	Hall-B
	Session Chair: Prof. Dr. Haluk KORALAY	Session Chair: Assoc. Prof. Dr. Harun ARSLAN
14:00-14:10	Gd-doping induced structural and morphological modifications in hydrothermally grown ZnO nanorods <i>Turgay SEYDİOĞLU, Sedat KURNAZ, Özgür ÖZTÜRK, Faruk ERKEN, Ahmet Tolga TAŞÇI</i>	Feed alternatives for ornamental fish and risks <i>Harun ARSLAN</i>
14:10-14:20	Tuning the properties of hydrothermally grown ZnO nanorods through nickel doping: A study of structural, morphological, and optical modifications <i>Özgür ÖZTÜRK, Turgay SEYDİOĞLU, Sedat KURNAZ, Faruk ERKEN, Ahmet Tolga TAŞÇI</i>	Recent progress in CRISPR-Cas9 in aquatic model organisms <i>Mehtap BAYIR, Serpil TURHAN, Burcu Naz UZUN, Abdulkadir BAYIR, Gökhan ARSLAN</i>
14:20-14:30	Investigation of some physical properties of MOS type ZnO based nanorods diodes <i>Ahmet Tolga TAŞÇI, Merve KARADENİZ, Turgay SEYDİOĞLU, Sedat KURNAZ, Osman ÇİÇEK</i>	Computational study of the FKBP prolyl isomerase 3 gene in fugu (<i>Takifugu rubripes</i>): Understanding molecular mechanisms and functional consequences <i>Mehtap BAYIR, Burcu Naz UZUN, Serpil TURHAN, Abdulkadir BAYIR</i>
14:30-14:40	Online dead time compensator for PMSM based on harmonic injection <i>Faruk ERKEN, Osman ÇİÇEK</i>	Molecular cloning and characterization of CRABP (cellular retinoic acid binding protein) gene in trout (<i>Salmo trutta</i>) in trout liver tissue and determination <i>Harun ARSLAN, Emre SEFA</i>
14:40-14:50	The effect of siliconizing process on the wear resistance of Inconel 738 <i>Azmi ERDOĞAN, Tuba YENER</i>	The use of <i>Daphnia magna</i> to evaluate the toxic effects of CuO and ZnO nanoparticles <i>Feyza İÇOĞLU AKSAKAL</i>
14:50-15:15	Discussion	Discussion
15:15-15:30	Coffee Break	



PHYSICAL ATTENDANCE (DAY 2, September 11th), ORAL PRESENTATIONS

	Hall-A	Hall-B
	Session Chair: Assoc. Prof. Dr. Raziye IŞIK KALPAR	Session Chair: Assoc. Prof. Dr. Nicoleta Anca ŞUŢAN
15:30-15:40	The function of cytokines in fish immunity <i>Osman Neziĥ KENANOĖLU, Soner BİLEN</i>	Cost-effective and time-efficient biosynthesis of bioactive nanoparticles using crude plant extracts: Unveiling biological activities <i>Nicoleta Anca ŞUTAN, Diana Ionela STEGARUS POPESCU, Liliana Cristina SOARE, Alina PĂUNESCU, Ionica DELIU, Georgiana CIRSTEA, Denisa Stefania VILCOCI, Speranța AVRAM</i>
15:40-15:50	Genotoxicity of glyphosate on aquatic organisms: A review <i>YiĖit TAŞTAN, Adem Yavuz SÖNMEZ</i>	Comparison of calculation methods of criterion weights thanks to intuitionistic fuzzy sets <i>Feride TUĖRUL</i>
15:50-16:00	A review on the genotoxic potential of antibiotics on aquatic organisms <i>Nihan AKINCI KENANOĖLU, Ahmet Ali BERBER</i>	Enhancing k-means clustering performance with genetic algorithms: A comparative analysis <i>Burak ARSLAN, Rabia KORKMAZ TAN</i>
16:00-16:10	Recent advances in genome editing in Nile tilapia (<i>Oreochromis niloticus</i>) <i>Emel ÖZCAN GÖKÇEK, Raziye IŞIK KALPAR</i>	Bibliometric analysis of GWAS technologies in livestock <i>Zeynep SÖNMEZ</i>
16:10-16:20	CRISPR-Cas9 applications in cattle: Advancing gene editing for improved traits and disease resistance <i>Mustafa Can YILMAZ, Raziye IŞIK KALPAR</i>	The effect of <i>Pantoea agglomerans</i> on the growth and Macro-micro element content of <i>Begonia semperflorens</i> <i>Merve ŞENOL KOTAN</i>
16:20-16:45	Discussion	Discussion



PHYSICAL ATTENDANCE, POSTER PRESENTATIONS

Posters should be hung to the designated area at **Poster Hall** on September 10th (1st day) and displayed by the presenting author until September 11th 17:00.

Arc-melting fabrication of 45S5 bioactive glasses <i>Ayten SEÇKİN, Serap SAFRAN, Haluk KORALAY, Mehmet Ali AKSAN, Gökhan KIRAT</i>
Electrical and morphological investigation of Schottky devices from Monolayer and a double layer oxide interface <i>Ayten SEÇKİN, Pinar ORUÇ, Haluk KORALAY, Şükrü ÇAVDAR, Nihat TUĞLUOĞLU</i>
New techniques and applications for erosion prevention <i>Deniz BASTUĞ, Hüseyin SARI</i>
Increase soil organic matter (SOM) and reduce carbon footprint <i>Tuğrul Turan SARI, Hüseyin SARI</i>
Water Holding Capacity and Water Movement of Soils <i>Sadık ÖZDEMİR, Hüseyin SARI, Fikri Zeki KESKİN</i>
The impact of anthropozoogenic activity on grasslands in the sub-mountain zone. Case study: Sasului Valley-Argeş County, Romania <i>Monica Angela NEBLEA, Mădălina Cristina MARIAN, Cristiana Laura IORDACHE</i>
Impact of silver nanoparticles on polyphenolic content and proline accumulation in <i>Cucumis sativus</i> L. seedlings <i>Simona Elena PISCULUNGEANU, Liliana Cristina SOARE, Nicoleta Anca ŞUŢAN, Oana Alexandra LUŢU</i>
Therapeutic potential of the self-heal herb <i>Prunella vulgaris</i> L. <i>Constanța BUCĂLOIU, Liliana Cristina SOARE, Oana Alexandra LUŢU, Ionica DELIU, Nicoleta Anca ŞUŢAN</i>
Effects of solid matrix priming on spinach seed vigor <i>Burcu Begüm KENANOĞLU</i>
The effects of various moringa extracts on spinach seed performance in different growing media <i>Burcu Begüm KENANOĞLU</i>
The first record of <i>Ablepharus kitaibelii</i> (Bibron and Bory de Saint-Vincent, 1833) in the North of Olt County <i>Maria Denisa CONETE</i>
Profibrogenic factors and their involvement in the development of hepatic fibrosis <i>Alina DUMITRACHE PĂUNESCU, Nicoleta Anca ŞUŢAN, Liliana Cristina SOARE, Monica Marinela ȚĂNȚU, Ana ȚĂNȚU, Cristina Maria PONEPAL, Gheorghita BRÎNŢEA, Monica Ileana BANIȚĂ</i>
Heavy metal stress in plants: Effects and ways to alleviate <i>Monica POPESCU</i>



ONLINE ATTENDANCE (DAY 1, September 10th), ORAL PRESENTATIONS
GENERAL SESSION (Virtual Hall-1)

	Session Chair: Prof. Dr. Muhammed ATAMANALP
14:00-14:10	What is happening in the micro world of plastics in Türkiye? <i><u>Muhammed ATAMANALP</u></i>
14:10-14:20	Individual plastic footprint and plastic waste awareness: The case of Türkiye <i>Vildan Zülal SÖNMEZ, Ezgi AKAR, Molham HADRİ, Fatma Zehra AYDIN, Ceyhun AKARSU, <u>Nüket SİVRİ</u></i>
14:20-14:30	From tiny particles to big problems: The story of microplastics <i><u>Hamda AZMAT</u></i>
14:30-14:40	Macro- and microplastic contamination in the Sinop coast of the Black Sea <i><u>Levent BAT</u>, <u>Ayşah ÖZTEKİN</u></i>
14:40-14:50	Microplastics in the Turkish marine environment: Surface water, sediment and biota <i><u>Kenan GEDİK</u></i>
14:50-15:15	Discussion



ONLINE ATTENDANCE (DAY 1, September 10th), ORAL PRESENTATIONS

	Virtual Hall-1	Virtual Hall-2
	Session Chair: Prof. Dr. Said LAARIBYA	Session Chair: Prof. Dr. Levent BAT
15:30-15:40	Determinants of the distribution potential of endangered endemic forest species case study – Morocco <i>Said LAARIBYA</i>	Small-scale fisheries in Sanga-Sanga, Bongao, Tawi-Tawi, Philippines <i>Adzmie SABRE, Angelica BERMIL, Jurmin SARRI, Maria Liza TORING-FARQUERABAO</i>
15:40-15:50	Is clear cutting an ecologically correct preference in Turkish red pine (<i>Pinus brutia</i> Ten.)? <i>Ercan OKTAN, Neslihan ATAR</i>	Effects of dietary microplastics inclusion on the blood profile and stress response of Nile tilapia (<i>Oreochromis niloticus</i> Linnaeus, 1758) <i>Wahaymin JAMIL, Yashier JUMAH, Jaro AJIK, Gerly-Ayn TUPAS, Rizal Jhunn ROBLES, Jurma TIKMASAN</i>
15:50-16:00	Corno-<i>Quercetum petraeae</i> Máthé et Kovács 1962 association (<i>Quercion pubescenti-petraeae</i> Br.-Bl. 1932) in the “Dobrușa” landscape reserve in the Republic of Moldova <i>Victor SFECLĂ</i>	Comparison of optimization algorithms for cost and benefit analysis in water loss management <i>Salih YILMAZ, Mahmut FIRAT, Abdullah ATEŞ</i>
16:00-16:10	The use of forest products as a renewable energy source: Biomass energy potential from forest residues <i>Ercan OKTAN, Öznur ÖZKAN</i>	Cost and benefit analysis for leakage detection and reduction practices with the regional correlator method <i>Salih YILMAZ, Mahmut FIRAT</i>
16:10-16:20	Ethnobotanical and floristic study in the Maamora Forest, Morocco <i>Assmaa ALAOUJ</i>	Assessing the economic potential of sea urchin roe trade in Tawi-Tawi, Philippines during Ramadan <i>Benzali S. ISPAL, Maria Liza B. TORING-FARQUERABAO, Jaro O. AJIK, Rizal Jhunn F. ROBLES</i>
16:20-16:30	Variation in bark thickness of <i>Pinus sylvestris</i> L. in Kastamonu region of Türkiye <i>Fadime SAĞLAM, Oytun Emre SAKICI</i>	Small-scale fishery operation of fish corral in Sibutu, Tawi-Tawi, Southern Philippines <i>Shada-Wati H. KISSAE, Khamila J. DAHAM, Jaro O. AJIK, Marilyn Q. AMLANI, Albaris B. TAHILUDDIN, Maria Liza B. TORING-FARQUERABAO</i>
16:30-16:45	Discussion	



ONLINE ATTENDANCE (DAY 1, September 10th), POSTER PRESENTATIONS

	Virtual Hall-1	Virtual Hall-2
	Session Chair: Assoc. Prof. Dr. Daria BULYSHEVA	Session Chair: Assoc. Prof. Dr. Ali Eslem KADAK
17:00-17:05	Economic efficiency of the production of complete ration compound feed using protein and vitamin supplements for broiler chickens aged 6-8 weeks <i>Ihor RIZNYCHUK, Zoia YEMETS, Ihor NIKOLENKO, Olena KISHLALY, Kristina MAZHYLOVSKA, Anastasia HARBAR</i>	Antibacterial efficacy of <i>Pistacia lentiscus</i> extracts <i>Mohamed KHIARI, Zine KECHRID</i>
17:05-17:10	Yield and harvesting moisture of grain of corn hybrids at different sowing dates <i>Tatiana MARCHENKO, Anna KRYVENKO, V. ZORUNKO, V. OREKHIVSKYI</i>	Active principles contained in the species <i>Prunella vulgaris</i> L. <i>Bucăloiu CONSTANTA</i>
17:10-17:15	Fungicidal Control of <i>Botritis cinerea</i> on strawberry plantations in the forest-steppe zone of Ukraine <i>Maya DZHAM, Iryna ISHCENKO, Anna KRYVENKO</i>	Methods of drying and extraction of biologically active compounds from plants <i>Bucăloiu CONSTANTA</i>
17:15-17:20	Increasing the resistance of grape plants under the influence of growth stimulants <i>Iryna ISHCENKO, Yurii SAVCHUK</i>	Green algae-bioindicators of the river Ialomița <i>Bucăloiu IONELA</i>
17:20-17:25	Agrobiological characteristics and technological features of clones of technical grape varieties identified at the National Science Center «V.Ye. Tairov Institute of Viticulture and Winemaking» <i>Yurii SAVCHUK, M. FEDORENKO, O. BUGRO</i>	Analysis of the physico-chemical indicators of the water of the Ialomița River <i>Bucăloiu IONELA</i>
17:25-17:30	The Allelopathic effect of some organic husks and coffee waste on germination of <i>Lolium perenne</i> L. and <i>Agrostemma githago</i> L. <i>Derya ÖGÜT YAVUZ</i>	Determination of chemical composition and biological activity of flaxseed (<i>Linum usitatissimum</i>) essential oil <i>Mohamed Omar Abdalla SALEM, Masoud A. S. LAKWANI</i>



ONLINE ATTENDANCE (DAY 1, September 10th), POSTER PRESENTATIONS

	Virtual Hall-1	Virtual Hall-2
	Session Chair: Assoc. Prof. Dr. Daria BULYSHEVA	Session Chair: Assoc. Prof. Dr. Ali Eslem KADAK
17:30-17:35	Determination of awareness levels of vineyard producers about weeds and weed control: Alaşehir (Manisa) case <i>Derya ÖĞÜT YAVUZ, Aykan ÇAKMAK</i>	Virtual laboratory in biology education: New e-learning tool <i>Mohamed Omar Abdalla SALEM, Masoud A. S. LAKWANI</i>
17:35-17:40	Influence of agrobiological characteristics of potato varieties on harvest quality indicators <i>Maya DZHAM, Yulia KONONENKO, Anna KRYVENKO</i>	Behavioral activity of cows under conditions of year-round untethered box housing and temperature stress <i>Olena BEZALTYCHNA, Alla KYTAIEVA, Tetiana PUSHKAR, Valentyna YASKO, Yevheniia HURKO</i>
17:40-17:45	Yield of new varieties of pea under the conditions of the steppe area Ukraine <i>V. I. SICHKAR, Anna KRYVENKO, Ruslan SOLOMONOV</i>	Technological properties of skin and pelt qualities of Karakul lambs <i>Alla KYTAIEVA, Olena BEZALTYCHNA, Ihor SLIUSARENKO, Vira MAMEDOVA</i>
17:45-17:50	The effects of turmeric powder (<i>Curcuma longa</i>) supplementation into broiler diet on color parameters and sensory evaluation <i>Hilal ÜRÜŞAN ALTUN, Canan BÖLÜKBAŞI</i>	Technological processes of breeding and intensity of growth of the Karakul Lambs <i>Alla KYTAIEVA, Olena BEZALTYCHNA, Ihor SLIUSARENKO, Alona NOVICHKOVA</i>
17:50-17:55	Comparison of the cost of heating indoor structures with different types of biofuel <i>Liudmyla POPOVA, S. SAKARA</i>	Production of environmentally safe beekeeping products under conditions of the southern region of Ukraine <i>Olena BEZALTYCHNA, Alla KYTAIEVA</i>
17:55-18:00	Efficiency of use of evolution graminicide in the sunflower protection system <i>Oleg KRAINOV, D. A. STRATIEVSKIY</i>	Effectiveness of using chlorella microalgae suspension in rations of lactating goats <i>Alla KYTAIEVA, Ihor SLIUSARENKO, Viktoriia SLIUSARENKO</i>



ONLINE ATTENDANCE (DAY 1, September 10th), POSTER PRESENTATIONS

	Virtual Hall-1	Virtual Hall-2
	Session Chair: Assoc. Prof. Dr. Daria BULYSHEVA	Session Chair: Assoc. Prof. Dr. Ali Eslem KADAK
18:00-18:05	Post-harvest sowing of grain crops in the system of intensive farming <i>Oleksandr RUDIK, L. SERGEEV, V. CHUHAN</i>	Stimulating students for learning development through research <i>Mădălina-Cristina MARIAN, Benedict OPRESCU, Monica Angela NEBLEA</i>
18:05-18:10	Oil flax in the farming system of the steppe zone <i>Oleksandr RUDIK, I. DYADKO, M. TOPAL</i>	Application of statistical methods for aquatic ecosystem assessment <i>Diana SYULEKCHIEVA, Stanislav POPOV, Blagovesta MIDYUROVA, Aleksandar DIMITROV</i>
18:10-18:15	Restoration of predator biodiversity in strawberry fields through the use of <i>Lobularia maritima</i> in Dnipro, Ukraine <i>Andrii DOKHTORUK</i>	Analysis of controlled cutting and regeneration, sustainable strategies for forest conservation <i>Mădălina-Cristina MARIAN, Radu DUMITRACHE, Monica Angela NEBLEA, Elena Gabriela GROSU</i>
18:15-18:20		Identification of some patterns of accumulation of elements in assimilation organs of Scots pine <i>Pinus sylvestris</i> L. and silver birch <i>Betula pendula</i> Roth. and identification of some patterns in zones of aerotechnogenic magnesite pollution in the southern Urals of Russia <i>Nadezhda POSPELOVA KUZMINA, Sergey MENSHIKOV, Pavel MOHNACHEV</i>

ONLINE ATTENDANCE (DAY 2, September 11th), ORAL PRESENTATIONS

	Virtual Hall-1	Virtual Hall-2
	Session Chair: Prof. Dr. Kenan GEDİK	Session Chair: Assoc. Prof. Dr. Soner BİLEN
09:30-09:40	Growth performance and survival rate of mangrove whelk (<i>Terebralia sulcata</i>) fed with different natural diets <i>Ruhaiba W. DULLA, Mohammad Mar-One A. HAMSAH, Wahaymin M. JAMIL, Melodina D. HAIROL, Rizal Jhunn F. ROBLES, Marhamin H. JUMSALI</i>	Catch per unit effort and length-weight relationship of target fish species in fish corral fishing operations in Sibutu, Tawi-Tawi, Southern Philippines <i>Shada-Wati H. KISSAE, Khamila J. DAHAM, Jaro O. AJIK, Marilyn Q. AMLANI, Albaris B. TAHILUDDIN, Maria Liza B. TORING-FARQUERABAO</i>
09:40-09:50	Effects of hermit crab meal as an alternative to fish meal on growth, survival, and feed utilization of tilapia (<i>Oreochromis niloticus</i>, Linnaeus, 1758) <i>Al-Nasrif H. KISSAE, Rizal Jhunn F. ROBLES</i>	Artisanal fishery of bigfin reef squid <i>Sepioteuthis lessoniana</i> landed in Bongao wet market, Bongao, Tawi-Tawi, Philippines <i>Taib T. ALKA, Emely M. TALAID, Jurmin H. SARRI, Maria Liza B. TORING-FARQUERABAO, Rizal Jhunn F. ROBLES</i>
09:50-10:00	Reproduction traits of brook trout (<i>Salvelinus fontinalis</i>) and effects of two different commercial feeds on the growth of fry <i>Alparslan IŞIK, Esat Mahmut KOCAMAN, Fatih KORKMAZ</i>	The promising news for the endangered species <i>Pinna nobilis</i> Linnaeus, 1758 in the Çanakkale Strait and the Marmara Sea (Türkiye) <i>Sefa ACARLI, Deniz ACARLI, Semih KALE</i>
10:00-10:10	Effects of different natural diets on the growth, serum protein, and survival of blue swimming crab <i>Portunus pelagicus</i> (Linnaeus, 1758) <i>Suhana A. ABDURAUP, Yasher Grei O. ABOGADIE, Ruma H. SAID, Yashier U. JUMAH, Melodina D. HAIROL, Wahaymin M. JAMIL</i>	Determination of changes in the water surface area of Ayvacık Dam (Çanakkale, Türkiye) using remote sensing and Geographic Information System <i>Semih KALE, Selçuk BERBER, Deniz ACARLI</i>
10:10-10:20	Evaluating growth and survival of <i>Mugil cephalus</i> fry with telescope snail meal inclusion in formulated diets <i>Dolly Claire V. IBNO, Rizal Jhunn F. ROBLES</i>	The small-scale tuna fishery in Leyte, Eastern Visayas, Philippines <i>Christian REDUCTO, Rizalyn PICOY-GONZALES</i>
10:20-10:30	Effect of different implantation methods in freshwater mussel, <i>Lamellidens marginalis</i> with respect to stress parameters, immune parameters, and hematological parameters <i>Sweta PRADHAN, Suman MANNA, Gouranga BISWAS, Leesa PRIYADARSHANI, Tapas Kumar GHOSHAL</i>	A comparative study on the species composition and catch efficiency of two different designs of fish pots <i>Fadzri U. JUHURAL, Rizal Jhunn F. ROBLES, Maria Liza B. TORING-FARQUERABAO, Jurmin H. SARRI, Khadiza H. IMLAN</i>
10:30-10:45	Discussion	Discussion



ONLINE ATTENDANCE (DAY 2, September 11th), ORAL PRESENTATIONS

	Virtual Hall-1	Virtual Hall-2
	Session Chair: Prof. Dr. Erkan CAN	Session Chair: Prof. Dr. Hamda AZMAT
11:00-11:10	Hook and line fishery in coastal areas of Datu Odin Sinsuat, Maguindanao, BARMM, Philippines <u>Jonald BORNALES</u>	Effects of co-exposure to simple and mixed treatments involving polypropylene and ketoprofen on zebrafish behavior <u>Ionut-Alexandru CHELARU, Dorel URECHE, Alin Stelian CIOBÎĂ, Mircea Nicușor NICOARĂ</u>
11:10-11:20	Abundance and Characteristics of microplastics in commercially sold fishes from General Santos City Fish Port Complex, Philippines <u>Allan Jr. AGAO-AGAO, Karen ALIGANZA, Allan AGAO-AGAO, Ana Margarita AGAO-AGAO, Jonald BORNALES, Keriman YÜRÜTEN ÖZDEMİR</u>	Toxicity of cigarette butts on <i>Trichopsis vittata</i> (Cuvier, 1831) <u>Suman MANNA, Sayan MAJUMDAR, Sweta PRADHAN, Tapas Kumar GHOSHAL</u>
11:20-11:30	Artificial neural networks modelling for nitrate prediction of surface water of Gökırmak River (Türkiye) <u>Semih KALE, Adem Yavuz SÖNMEZ, Rahmi Can ÖZDEMİR, Yiğit TAŞTAN, Ali Esem KADAK</u>	Evaluation of cyto-genotoxicity and histological alterations in arsenic exposed <i>Labeo rohita</i> and its mitigation with <i>Moringa oleifera</i> leaf extract <u>Hamda AZMAT, Fakhira KHALID</u>
11:30-11:40	Gonadal Somatic Index and length-weight relationship of mackerel scad <i>Decapterus macarellus</i> landed in Bongao Wet Market, Tawi-Tawi, Philippines <u>Jamri L. JUL, Jurmin H. SARRI, Maria Liza B. TORING-FARQUEDABAO, Rizal Jhunn F. ROBLES</u>	Exploring the effect of fertilizers on the growth of red seaweed <i>Kappaphycus alvarezii</i> farmed in Simunul, Tawi-Tawi <u>Muhammad Al-Masil J. MAUJUD, Rizal Jhunn F. ROBLES</u>
11:40-11:50	Nesting behaviors and competencies of aquatic macroinvertebrates <u>Mehmet BEKTAS</u>	Effects of seagrass wrack extract as biofertilizers on the growth, ice-ice disease prevalence, and carrageenan quality of eucheumatoid seaweed <i>Kappaphycus striatus</i> <u>Albaris B. TAHILUDDIN, Ertugrul TERZI</u>
11:50-12:00	Investigate use of insect larvae in food rations of goldfish and chickens after experiments of small-scale insect farms <u>Mehmet BEKTAS, Olcay GÜLER, İremsu TÖNGEL, Çağla DEMİREL, Büşra DAL</u>	Effect of nutrient enrichments on the survival rate and disease occurrence of seaweed <i>Eucheuma denticulatum</i> in micro-propagule indoor culture <u>Noriam L. JALAJDI, Jherry Bonn D. HAMISAIN, Alhaisam S. NUR-ALIH, Rizal Jhunn F. ROBLES</u>
12:00-12:15	Discussion	Discussion



ONLINE ATTENDANCE (DAY 2, September 11th), ORAL PRESENTATIONS

	Virtual Hall-1	Virtual Hall-2
	Session Chair: Prof. Dr. Stepan VARBAN	Session Chair: Dr. Gouranga BISWAS
13:30-13:40	A study of the lactation potential of jersey cows in the conditions of the Budzhak steppe <i>Stepan VARBAN, Alla CARA, Andrey SARANDI</i>	Effect of Chitosan on the Color Profile of Rainbow Trout (<i>Oncorhynchus mykiss</i>) Fillets Stored at the Refrigerator <i>Hazal BAŞAR YILMAZ, Ali Eslem KADAK</i>
13:40-13:50	Physiological characteristics of the Bianca variety when grown on slopes <i>Antonina DERENDOVSKAIA, Ana GRIBCOVA</i>	A Study on the Shell Structure and Chemical Composition of <i>Flexopecten glaber</i> (Linnaeus, 1758) Collected from Bandırma Bay, the Sea of Marmara <i>Harun YILDIZ, Bayram KIZILKAYA</i>
13:50-14:00	Impact of oenological tannin addition during fermentation-maceration process on the phenolic complex at the production of dry red from Copceac and Feteasca Neagră grape varieties <i>Boris MORARI, Nicole TARAN, Silvia NEMŢEANU, Vasile SANDU, Pavel GLAVAN</i>	Monthly Variations in Mineral Contents of <i>Mytilus galloprovincialis</i> Lamarck, 1819 Collected on the Kefken Coast, Western Black Sea (Türkiye) <i>Harun YILDIZ, Bayram KIZILKAYA</i>
14:00-14:10	The influence of indigenous yeast strains for the production of dry red wines on the concentration of phenolic substances and color indices <i>Olga SOLDATENCO, Nicolae TARAN, Victoria ADAJUC</i>	The Flavonoid Compound, Quercetin Promotes Growth and Captive Maturation in Highfin Barb, <i>Oreochromis crenuoides</i> <i>Aarya PRIYA, Gouranga BISWAS, Sweta PRADHAN, Dilip Kumar SINGH, Paramita BANERJEE SAWANT</i>
14:10-14:20	Contribution of low nitrogen to cabbage seedling growth in water deficit <i>Melek EKINCI, Ertan YILDIRIM, Furkan TABAR, Selda ORS, Metin TURAN</i>	Evaluation of Fermented Banana Peel on the Survival Rate and Growth Performance of Juvenile Whiteleg Shrimp (<i>Litopenaeus vannamei</i>) in Pond Culture <i>Aminashedratyn I. SANSAWI, Rizal Jhunn F. ROBLES, Gerly-Ayn J. TUPAS</i>
14:20-14:30	Plant growth stimulators-enriched surfactant improve growth of lettuce seedlings <i>Ertan YILDIRIM, Melek EKINCI, Selda ORS, Metin TURAN</i>	Assessing Fish By-Product as a Fish Meal Replacement in Tilapia Fry Diets <i>Raida K. HASSAN, Rizal Jhunn F. ROBLES</i>
14:30-14:45	Discussion	Discussion

ONLINE ATTENDANCE (DAY 2, September 11th), ORAL PRESENTATIONS

	Virtual Hall-1	Virtual Hall-2
	Session Chair: Assoc. Prof. Dr. Pinar OĞUZHAN YILDIZ	Session Chair: Prof. Dr. Brian AUSTIN
15:00-15:10	Investigating gastropod and bivalve market dynamics during Ramadan in Tawi Tawi, Philippines <i>Jurmin H. SARRI, <u>Merilyn I. LAUHARI</u>, Arwina N. SARIH, Alman S. SADDAE</i>	Impact of AI on publishing: Current status and future focus <i>Brian AUSTIN, Erkan CAN</i>
15:10-15:20	Comparative study on the sensory quality attributes of various seaweed (<i>Kappaphycus alvarezii</i>) chip formulations <i>Mariza T. MADNURI, <u>Merilyn Q. AMLANI</u>, Marhamin H. JUMSALI, Melodina D. HAIROL</i>	An analysis of the education and gender influencing the information society indicators in the European Union countries <i>Iuliana Mihaela LAZAR, Ana Cătălina PĂUN, Marius STAMATE, Camelia STAMATE</i>
15:20-15:30	Assessing the viability of chicken manure as a nutrient source for <i>Nannochloropsis oculata</i>: A comparative study with conventional media <i>Gerly-Ayn TUPAS, Noriam JALAJDI, Rosemely KALIM, Gerwin TUPAS</i>	Digital skills across the European Union: Progress and challenges <i>Iuliana Mihaela LAZAR, Ana Cătălina PĂUN, Marius STAMATE, Camelia STAMATE</i>
15:30-15:40	Seafood allergy <i>Pinar OĞUZHAN YILDIZ, Gökhan ARSLAN</i>	A comparative performance analysis of LSTM autoencoder and TimeGPT models in time series anomaly detection <i>Hasan DEMİR, Kürşat Mustafa KARAOĞLAN</i>
15:40-15:50	Spirulina <i>Gökhan ARSLAN, Pinar OĞUZHAN YILDIZ</i>	Physiological adaptability of grapevines to external growing conditions <i>Mihail RAPCEA, Serghei CARA, Serghei CHISLI</i>
15:50-16:00	Food and feeding habits of freshwater fishes in Lake Wood, Zamboanga del Sur, Philippines <i>Floriefe GONZAGA-TORINO, Alejandro Jr. GONZAGA, Floriele GONZAGA, Albaris TAHILUDDIN, Fiona PEDROSO</i>	Investigation of the effect of electrode type on microstructure and mechanical properties in the welding process of Miilux 500 protection armor steels with shielded metal arc welding method <i>Hakan ADA, <u>Muhammed Ahmet ÇOBANOĞLU</u></i>
16:00-16:10	Effects of some nanoparticles applied at different doses on seedling development in sugar beet (<i>Beta vulgaris</i> L) <i>Firat SEFAOĞLU, Dilara KAYNAR, Gamze Betül ÜNAL</i>	Identification of critical factors for risk assessment studies in pharmaceutical warehouses <i>Melike ERDOĞAN</i>
16:10-16:25	Discussion	Discussion



ONLINE ATTENDANCE (DAY 2, September 11th), ORAL PRESENTATIONS

	Virtual Hall-1	Virtual Hall-2
	Session Chair: Assist. Prof. Dr. Merve KALAYCI KADAK	Session Chair: Assist. Prof. Dr. Hakan ADA
16:30-16:40	Characterization of oven-dried sea grapes <i>Caulerpa lentillifera</i> Stolon <i>Aisa Mae CAMSAIN, Jurma TIKMASAN, Normina ABUBAKAR, Rizal Jhunn ROBLES</i>	Numerical investigation of the effect of cross-member locations and connection geometries on torsional behavior of a light commercial truck chassis <i>Onur ÇOLAK, Mehmet Murat TOPAÇ, Kübra POLAT</i>
16:40-16:50	Aerosol dynamics in the human respiratory system: A literature review <i>Hacer ÜÇÜNCÜ, Doğan ÇİLOĞLU</i>	Comparative analysis of the effect of changes in machine equipment characteristics on the temperature distribution on the machine and the cooking of soybeans during extrusion in full-fat soybean extruders <i>Biröl YUVALIOĞULLARI, Eser DÖNMEZ, Ali KOYUNCU, İbrahim Ethem POLAT</i>
16:50-17:00	Factors influencing the conservation of trees in urban green space in Timako Hill, Kalanganan II, Cotabato City, Bangsamoro Autonomous Region in Muslim Mindanao (BARMM), Philippines <i>Gindol Rey LIMBARO, Marvin BATIANCELA</i>	Improving the sievability of high valued zinc borate in centrifugal screener by mechanical methods <i>Biröl YUVALIOĞULLARI, Eser DÖNMEZ, Ali KOYUNCU, İbrahim Ethem POLAT</i>
17:00-17:10	Semiconducting textiles via low-temperature atomic layer deposition <i>Fatih BAYANSAL, Steven ALLABY, Habeeb MOUSA, Heba SALEH, Helena SILVA, Necmi BIYIKLI</i>	Microstructure studies of aluminum alloys produced by extrusion method <i>Hakan ADA, Özden Alperen ÇAL</i>
17:10-17:20	Evaluation of indoor fungal contamination of traditional public baths in Algeria <i>Amira Rayene DIBI, Leyla BENAMMAR, Hassane BENSEGHIR, Djamila HEZIL, Sana AOUACHRIA</i>	Mass reduction study of a high pressure die casting aluminum alloy engine part <i>Devrim BİLDİRİCİ, Mehmet Murat TOPAÇ, Kübra POLAT, Tolga ZAVRAK, Yusuf ARMAN</i>
17:20-17:30	Low Impact Development (LID) on campus: A case study of the University of Connecticut's Storrs Campus <i>Merve KALAYCI KADAK, Mariana B. A. FRAGOMENI</i>	Hybrid magnetic quantum dot-carbon nanotube nanostructures <i>Derya DİNCYUREK EKİCİ, Evren MUTLUGUN</i>
17:30-17:45	Discussion	Discussion