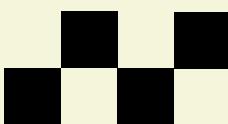


April 28-30, 2023

INTERNATIONAL CONFERENCE ON GLOBAL PRACTICE OF MULTIDISCIPLINARY SCIENTIFIC STUDIES-IV



EDITORS



Dr. Mehmet Fırat BARAN
Dr. Seyithan SEYDOŞOĞLU
Dr. Esra BİLİCİ

Turkish Republic of Northern Cyprus

**International Conference on
Global Practice of Multidisciplinary Scientific Studies-IV**

DATE – PLACE
April 28-30, 2023
Turkish Republic of Northern Cyprus

**CONFERENCE
PROCEEDINGS BOOK**

EDITORS

Dr. Mehmet Fırat BARAN

Dr. Seyithan SEYDOSOGLU

Dr. Esra BILICI

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INDONESIA)
- Dr. İsmet Esenyal (Girne American University, School of Tourism and Hospitality,
CYPRUS)
- Dr. Jam Nazeer Ahmad University of Agriculture, Faculty of Agriculture, Department of
Entomology, Faisalabad-PAKISTAN)
- Dr. Jasmin Latoviç (Southern Federal Üniversitesi, RUSSIA)
- Dr. Khalid Hussain (University of Agriculture, Faculty of Agriculture, Department of
Agronomy, Faisalabad-PAKISTAN)

Ph.D. Kusumiyati KUSUMIYATI, SP, M Agr. Sc., (Agronomy Department, Faculty of Agriculture, Universitas Padjadjaran Jl. Raya Bandung-Sumedang km 21. Jatinangor. West Java, INDONESIA)

Dr. Mazhar Rafique (University of Haripur, Faculty of Agriculture Sciences, Department of Soil & Climate Sciences-PAKİSTAN)

Dr. Medeuova Galiya (Kazakh National Women's Pedagogical University, KAZAKHISTAN)

Dr. Md. Iqbal HOSSAIN (Bangladesh University, BANGLADESH)

Dr. Muhammad Arshad (University of Agriculture, Faculty of Agriculture, Department of Entomology, Faisalabad-PAKİSTAN)

Dr. Muhammad Shahbaz Naeem (University of Agriculture, Faculty of Agriculture, Department of Agronomy, Faisalabad-PAKİSTAN)

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Dr. Mushtaque Ahmed Jatoi, (University of Zagreb, Department of Pomology, Zagreb, Croatia, Beijing, CHINA)

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IV. INTERNATIONAL CONFERENCE ON GLOBAL PRACTICE OF MULTIDISCIPLINARY SCIENTIFIC STUDIES

April 28-30, 2023 / Turkish Republic of Northern Cyprus

CONFERENCE PROGRAM



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- ❖ To be able to attend a meeting online, login via <https://zoom.us/join> site, enter ID "Meeting ID or Personal Link Name" and solidify the session.
- ❖ 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.
- ❖ The participant must be connected to the session 5 minutes before the presentation time.
- ❖ All congress participants can connect live and listen to all sessions.
- ❖ Moderator is responsible for the presentation and scientific discussion (question-answer) section of the session.

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- ◆ Make sure your computer has a microphone and is working.
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- ◆ Requests such as change of place and time will not be taken into consideration in the congress program.

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CONGRESS LANGUAGES: English and All Turkish Dialects

28.04.2023 | SESSION-1



Kyrenia Time: 09:00-11:00



In Person Participation - The Olive Tree Hotel, Kyrenia

HEAD OF SESSION: Prof. Dr. Derya Yücel

Authors	Affiliation	Presentation title
Betül Kolay	GAP International Agricultural Research and Training Center	Direct Sowing in Wheat After Second Crop Maize Harvesting
Melekber Sülüsoğlu Durul Hülya Ünver	Kocaeli University	New Trends in Strawberry Tree Breeding
Derya Yücel Irfan Erdemci Celal Yücel Medeni Yaşar Murat Koç	Şırnak University	Evaluation of Agricultural Characteristics of Chickpea Genotypes in Diyarbakir Ecological Conditions
Derya Yücel Irfan Erdemci Celal Yücel Medeni Yaşar Murat Koç	Şırnak University	Determination Of Some Technological Characteristics of Chickpea Genotypes Under Ecological Conditions of Diyarbakir
Zeynep Dumanoğlu Kağan Kökten Selim Özdemir	Bingol University	Determination of Some Physical Properties of Peas (<i>Pisum sativum L.</i>) Evaluated as Dry Food
Celal Yücel Cemal Deniz Derya Yücel İbrahim Halil Çetiner Celile Aylin Oluk	Şırnak University	Determination of Forage Quality and Its Related Characteristics of Some Pearl Millet Populations Under Gap Conditions
Celal Yücel Cemal Deniz Mustafa Apaydın Derya Yücel Rüştü Hatipoğlu	Şırnak University	Determination of Forage Yield and Its Related Characteristics of Some Pearl Millet Populations Under Gap Conditions
Gökhan Baktemur Ecem Kara Tolga Karaköy Yeter Çilesiz Faheem Shahzad Baloch Zemran Mustafa Betül Yücel Muhammad Tanveer Altaf Hatira Taşkin Nihal Denli Davut Keleş	Sivas University of Science and Technology	Propagation Of Garlic Genotypes Grown in Turkey by Shoot Tip Culture
Yusuf Uzun Şeyda Çavuşoğlu Nurettin Yılmaz Sedat Kesici Ismail Acar Mustafa Emre Akçay Cemil Sadullahoğlu	Van Yuzuncu Yıl University	Doğal Mantar Türlerinde Antioksidan Kapasitesinin Mars Algoritması İle Tahmini
Meltem Uçar Yakup Kara Sevgi Kolaylı	European University of Lefke	Antioxidant Properties and Phenolic Components in The Leaf of Izabella Grape (<i>Vitis labrusca L.</i>)
Kader Aydın Mehmet Fırat Baran	Siirt University	Aronya yetiştirciliğinde uygulanan mekanizasyon

(All speakers required to be connected to the session 10 min before the session starts)

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

28.04.2023 | SESSION-2



Kyrenia Time: 11:30-13:30



In Person Participation - The Olive Tree Hotel, Kyrenia

HEAD OF SESSION: Prof. Dr. Halil Ibrahim Oguz

Authors	Affiliation	Presentation title
Meliha Feryal Sarikaya Muhammed Tatar İlker Yüce Ecem Kara Yeter Çilesiz Muhammad Azhar Nadeem Ömer Sözen Gökhan Baktemur Tolga Karaköy	Sivas University of Science and Technology	Ipbs-Retrotransposons Variations: The Evaluation of Genetic Diversity and Population Structure in International Sugar Beet Germplasm
Erdal Çaçan Kağan Kökten	Bingol University	Microelement Contents of Alfalfa (<i>Medicago sativa</i> L.) Populations Cultivated in The Eastern Anatolian Region of Turkey
Erdal Çaçan Kağan Kökten	Bingol University	Microelement Contents of Some Alfalfa (<i>Medicago sativa</i> L.) Cultivars
Siddik Keskin Nurhan Keskin Birhan Kunter	Van Yuzuncu Yıl University	Ankara-Kalecik Ekolojisinde Narince Üzüm Çeşidi için Sıcaklık ile Verim Arasındaki İlişkinin Modellemesi
Suna Akkol Ashi Akilli	Van Yüzüncü Yıl University	Comparative Analysis of Lactation Curve Models in Holstein Friesian Cows
Ali Öztürk Recep Kara A. Fatih Fidan	Afyon Kocatepe University	Investigation of Heavy Metal Contamination and Microbiological Quality of Massage Oils Sold in Turkey
Halil Ibrahim Oğuz Fırat Ege Karaat Mehmet İlhan Odabaşıoğlu İlbilge Oğuz	Adiyaman University	Early Season Grown of Mulberry (<i>Morus</i> spp.) Cultivation in The Mediterranean Region
İlbilge Oğuz Ebru Kafkas	Cukurova University	A Study on The Biochemical Contents and Human Health Benefits of Raspberry (<i>Rubus idaeus</i> L.) Fruits
İlbilge Oğuz Ebru Kafkas	Cukurova University	A Review on Determination of Physical and Biochemical Contents of Some Aronia (<i>Aronia</i> spp.) Berry Fruit Species
Salih Sezer Gülşah Akgül Esra Bilici	Uşak University	Rapid Etiological Diagnosis of Neonatal Calf Diarrhea with Immunochromatographic Test Kits in Esme District of Usak
Bülent Çakır İlker Inal Celal Yücel Derya Yücel Rüştü Hatipoğlu Hakan Özkan	Eastern Mediterranean Agricultural Research Institute	Determination of The Relations Between Forage Yield and Some Agricultural Characteristics in Pearl Millet Populations by Correlation and Path Analysis
Esra Çakır Hakan Özkan	Cukurova University	Evaluation of Yellow Rust (<i>Puccinia striiformis</i> f. sp. <i>tritici</i>) Disease in Durum Wheat (<i>Triticum durum</i> L.) Genotypes by Biplot Method in Cukurova Conditions

(All speakers required to be connected to the session 10 min before the session starts)

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28.04.2023 | SESSION-3



Kyrenia Time: 14:30-16:30



In Person Participation - The Olive Tree Hotel, Kyrenia

HEAD OF SESSION: Prof. Dr. Cetin Karademir

Authors	Affiliation	Presentation title
Gülşah Koyuncu Emine Karademir	Siirt University	The Effect of Different Applications of Calcium on Yield and Fiber Quality Characteristics in Cotton
Mehmet Kılıç Emine Karademir	Siirt University	The Effect of Different Foliar Fertilizer Applications on Cotton Yield and Fiber Quality Properties
Nurullah Tektaş Cetin Karademir	Siirt University	Determination The Effectiveness of Defoliation on Cotton (<i>Gossypium hirsutum L.</i>) At Different Development Periods
Hevin Kutat Cetin Karademir	Siirt University	Determination Effects of Sulfur Application on Yield and Fiber Quality Criteria in Cotton
Cihan Demir Osman Gökdoğan	Kırıkkale University	Kırklareli İli Ceviz Atıklarının Biyokütlesi ve Enerji Potansiyeli
Gülcen Üren Mehmet Fırat Baran	Siirt University	Analysis of Some Energy Values of Grain Stem Wastes Grown In Şırnak Province
Mehmet Fırat Baran Ekrem Kadak	Siirt University	Input Usage and Gross Profit Analysis in Pomegranate Production: Siirt Province Example
Melekber Sülüsoğlu Durul Mehmet Polat	Kocaeli University	An Overview of Japanese Quince (<i>Chaenomeles japonica</i>)
Alamettin Bayav Bahri Karlı Bektaş Kadakoğlu	Isparta University of Applied Sciences	Development of Foreign Trade in Medicinal and Aromatic Plants in Türkiye
Alamettin Bayav Bahri Karlı Orhan Gündüz	Isparta University of Applied Sciences	Apple Production and Foreign Trade in The World and Türkiye
Alamettin Bayav Mevlüt Gül Orhan Gündüz	Isparta University of Applied Sciences	Changes in Red Meat Prices and Marketing Margin in Türkiye
Ali Kipel Cüneyt Yurt Hamit Yılmaz Yıldırım Adığüzel Zehra Sude Sarı Mehmet Fatih Akay	Cukurova University	Time Series Based Financial Forecasting Models
İlker İnal Bülent Çakır Celal Yücel Celile Aylin Oluk Abdullah Çıl Atalay Ergül	Eastern Mediterranean Agricultural Research Institute	Determining The Relations Between Some Feed Quality Parameters in Pearl Millet Populations by Correlation and Path Analysis

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28.04.2023 | SESSION-4



Kyrenia Time: 17:30-19:30



In Person Participation - The Olive Tree Hotel, Kyrenia

HEAD OF SESSION: Assoc. Prof. Dr. Nezahat Hamiden Karaca

Authors	Affiliation	Presentation title
Kürşad Sayın Abdullah Karaman	Selcuk University	Natural Heritage Asthma Cave and Tourism Potential
Alper Ateş Islam Islamzade	Near East University	Refugees and Tourism
Alper Ateş Özlem Dağdelen	Near East University	Tourism Sector in The Process of Adaptation to The European Green Deal
Nursel Aşan Baydemir Şükrü Tüzmen	Kırıkkale University	Distribution and The Conservation Status of Egyptian Fruit Bat in Cyprus
Duygu Toygür Eroğlu Umut Eroğlu	Bursa Uludağ University	Differences in Adaptive Behavior Levels of Salespeople in Automotive Dealers According to Their Demographic Characteristics
Kürşad Sayın Abdullah Karaman	Selcuk University	Evaluation Of Kitchen Chefs' Perspectives to Menu Planning in Restaurants in Mersin
Mehmet Biçici	Gaziantep University	Türk Siyasal Hayatında Hürriyet Partisi
Nebile Dayılar Nezahat Hamiden Karaca	Afyon Kocatepe University	Can Emotion Regulation Skills in Preschool Period Be Supported with Motor Creativity Activities?
Ayşegül Karakaya Nuray Kurtdede Fidan	Afyon Kocatepe University	A Qualitative Study on Raising Sustainable Environmental Awareness in Life Science Course
Nezahat Hamiden Karaca Halil Uzun Mehmet Oğuz Göle Rasim Aydoğus	Afyon Kocatepe University	Teachers' Perceptions of Risky Play and Children's Motor Creativity Skills
Meryem Öksüzoglu	Akdeniz Karpaz University	Hitorical Process of Inspection in Cyprus Turkish Education
Aytaç Demiray H. Arif Tunçez	Selcuk University	A Research on Jevons Paradox in Developing Countries
Eda İlhan	Bursa Uludağ University	Understanding The Effects of Inflation on Consumer Behavior
Gizem Öksüzoglu	Final International University	Memories of Social Identity: Time and Space
Nedime Karasel Eylem Menteşoğulları Sevket Şafakoğulları	Uluslararası Kıbrıs University	Comparative Analysis of Research Published in The Last Five Years In The Field of Educational Audit In Trnc
Alim Malta Mete Ünal Girgen	Girne Final University	Gastronomide Yeni Trendler: Konsept Restoranlar Üzerine Bir Literatür Çalışması
Ilkcan Cilasın Mete Ünal Girgen	Girne Final University	Gastronomide Yeni Trendler: Kuzey Kıbrıs Slow Food Akımı Örneği

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28.04.2023 | SESSION-5**Kyrenia Time: 21:00-23:00****In Person Participation - The Olive Tree Hotel, Kyrenia****HEAD OF SESSION: Prof. Dr. Nuray Kurtdede Fidan**

Authors	Affiliation	Presentation title
Mehmet Metin Yeliz Erath Şirin	Cukurova University	The Effect of Athlete Leadership on Team Cohesion in Team Sports
Tuğçe Metin İbrahim Arslan	Cukurova University	An Assessment from A Green Economy Perspective; Kahramanmaraş-Centered Earthquakes
H. Arif Tunçez Aytaç Demiray	Selcuk University	According to Turkish Accounting Standards, The Cash Flow Statement and The Methods Used in The Analysis of The Cash Flow Statement
Nuray Kurtdede Fidan Ayşe Aydin Birol Karabulut	Afyon Kocatepe University	Social Studies Course in Distance Education According to Primary School Students
Dicle Özavci	Siirt University	Cas From Past to Present
H. Arif Tunçez Aytaç Demiray	Selcuk University	Logistics Costs and Accounting Transactions
Aytaç Demiray H. Arif Tunçez	Selcuk University	The Informal Economy and Its Effects on The Turkish Economy
Şemsi Yazıcı Demet Yavuz	Ege University	Effect of Cement/aggregate Ratio on Mechanical and Hydraulic Properties of Pervious Concrete
Gökhan Başman Erdogan Karip Tuğçe Özcan Mehmet Serkan Yılmaz Cengiz Yaşın	Eti Krom	Enrichment of Fine-Grain Chrome Ore with Multi Gravity Separator, Pilot Scale Yield Analysis
Arkin Akalin Hasan Acar	Girne American University	Early Usg and Doppler Findings in Children of Mothers with Hashimoto's Disease
Volkan ÇetintAŞ Mehmet Emin Sönmez	Gaziantep University	Golan Tepelerinin Mevcut Durumu ve Geleceği
Özlem Firtina Filiz Pars Uçağı	Gazi University	A Comparative Analysis of Martin Walser's Narrative "Ein Fliehendes Pferd" and Its Theatrical Adaptation
Şahin Ay	Siirt University	Violation Of Tax Privacy and Consequences
Şahin Ay	Siirt University	An Assessment On The European Union And Turkey's Financial Cooperation
Selim Akyulaf	University of Limerick	Turkish Cypriots' Social Identity Processes and Categorisation
Nihayet Koçyiğit	Batman University	Her Çağın Malzemesi Akıllı Polimerler ve Uygulama Alanları

(All speakers required to be connected to the session 10 min before the session starts)

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

28.04.2023 | SESSION-1 | HALL-1



Kyrenia Time: 09:00-11:00



Ankara Time: 09:00-11:00



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Assoc. Prof. Dr. Korkmaz Bellitürk

Authors	Affiliation	Presentation title
Sebiba Erol Emine Budaklı Çarpıcı Barış Bülent Aşık	Bursa Uludağ University	The Effects of Sowing Date and Harvest Stages on Silage Quality in Quinoa (<i>Chenopodium quinoa</i> Willd.)
Zohaib Hassan Sain	Superior University	Students Assessment of Online Education during the Covid-19 Epidemic
Meltem Türkeri	Eastern Mediterranean Agricultural Research Institute	Breeding Research on Dried Pea Suitable for Mediterranean Climate
Pushkar Pandey Renu Kundu	Indian Institute of Technology	UX study on Handheld Augmented Reality Games by Applying Spradley's Nine Dimensions Design Principle
Korkmaz Bellitürk	Tekirdağ Namık Kemal University	Determination of Plant Nutrition Capacities of Agricultural Areas by Soil Analysis: The Case of Ipsala District of Edirne Province
Pushkar Pandey	Indian Institute of Technology	Applying UX Principles to find Pre-Patterns in Handheld Augmented Reality Games
Korkmaz Bellitürk	Tekirdağ Namık Kemal University	Productivity Parameters Decreased Over Time in Agricultural Soils: Soil Organic Matter and The Case of Süleymanpaşa District of Tekirdağ Province
Khanifah Auliana Sultan Mubarok	Halal Center of UIN	Halal Behavior in Media Technology System
Korkmaz Bellitürk	Tekirdağ Namık Kemal University	Productivity Parameters Destroyed Over Time in Agricultural Soils: Soil Reaction (Ph) and The Case of Keşan District of Edirne Province
Balasubramani G L Rinky Rajput Manish Gupta Pradeep Dahiya Jitendra K Thakur Rakesh Bhatnagar Abhinav Grover	Jawaharlal Nehru University	Structure-based Drug Repurposing to Inhibit the DNA Gyrase of <i>Mycobacterium tuberculosis</i>
Sabiq Muhammad Zaki Hendri Hermawan Adinugraha	UIN K.H. Abdurrahman Wahid Pekalongan	The Role of Traditional Markets in Community Economic Growth

(All speakers required to be connected to the session 10 min before the session starts)

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28.04.2023 | SESSION-1 | HALL-2



Kyrenia Time: 09:00-11:00



Ankara Time: 09:00-11:00



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Prof. Dr. Aydin ADİLOĞLU

Authors	Affiliation	Presentation title
Harun Hurma Korkmaz Bellitürk İsmet Başer Alpay Balkan	Tekirdağ Namık Kemal University	Economic and Environmental Evaluation of Sustainable Durum Wheat Production
Gheorghe Giurgiu Manole Cojocaru	Titu Maiorescu University	Natural Modulation of The Gut Microbiota in Dogs with Spinal Cord Injury
Bağrı Çolakoğlu Harun Hurma	Tekirdağ Namık Kemal University	Evaluation of Producer Awareness on The Potential Uses of Agricultural Wastes
Mahmood Ahmed	University of Education	Investigation of Minerals in Fruit Peels Powder: Ultrasound Assisted Extraction Followed by Flame Atomic Absorption Spectrometry
Aydın Adiloğlu Serdar Kadakal	Tekirdağ Namık Kemal University	Investigation of Suitable Extraction Methods for Determining the Available Sulphur Contents of Trakya Region Soils Which Growing Canola (<i>Brasicca napus oleifera</i> spp)
Sevinç Khasayeva Saida Siracova Fidan Gurbanova	Azerbaycan Devlet Ekonomi University	Health Problems Caused by Urbanization and Solutions
Aydın Adiloğlu Tuncay Sarı	Tekirdağ Namık Kemal University	An Investigation of Some Heavy Metal Pollution Along the Tem Motorway Agricultural Areas in Edirne
P. Manoj Kumar J. Sravani	Department of Civil Engineering	Analysis and Design of Residential Building on Wind Load Analysis
Esra Cura Sevin Teoman Duran Meryem İpek Ahmet İpek	Bursa Uludağ University	Farklı Ön Uygulamaların Sarımsak (<i>Allium sativum</i> L.) Tohumlarında Dormansının Kırılması Üzerine Etkileri
Nurhan Keskin	Van Yuzuncu Yıl University	Effective and Economical Biostimulant in Proper with the Vision of Sustainable Viticulture: Seaweed Extract
Dinda Safira Hendri Hermawan Adinugraha	UIN K.H. Abdurrahman Wahid Pekalongan	Self-Awareness of the Khamr Effects

(All speakers required to be connected to the session 10 min before the session starts)

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28.04.2023 | SESSION-1 | HALL-3



Kyrenia Time: 09:00-11:00



Ankara Time: 09:00-11:00



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Assoc. Prof. Dr. Hatun Barut

Authors	Affiliation	Presentation title
İlker Yüce Yeter Çilesiz Tolga Karaköy	Sivas University of Science and Technology	Evaluation of The Performances of Some Common Vetch Genotypes Under Sivas Ecological Conditions
İlker Yüce Yeter Çilesiz Tolga Karaköy	Sivas University of Science and Technology	Evaluation of Some Hungarian Vetch (<i>Vicia pannonica</i> Crantz.) Genotypes in Terms of Agro-Morphological Traits Under Sivas Ecological Conditions
Ezelhan Şelem Murat Tunçtürk Hüseyin Eroğlu Rüveyde Tunçtürk Lütfi Nohutçu	Van Yuzuncu Yıl University	Morpho-Anatomical Observations on <i>Colchicum Szovitsii</i> Fisch. Et Mey. and <i>Colchicum kurdicum</i> (BORNM.) Stef. In Van Region
Artini Fatikhatu Yaa Siinta Hendri Hermawan Adinugraha	UIN K.H. Abdurrahman Wahid Pekalongan	Pengaruh Pengelolaan Sistem Akuntansi Keuangan Daerah Terhadap Kualitas Laporan Keuangan Kabupaten Pekalongan
Lütfi Nohutçu Rüveyde Tunçtürk Ezelhan Şelem Murat Tunçtürk	Van Yuzuncu Yıl University	Determination of The Effect of Salt Stress on Plant Growth and Color Values in Fenugreek (<i>Trigonella foenum graecum</i> L.) Grown in Medium Containing Different Levels of Vermicompost
Fatma Azzahra Puspita Sari Hendri Hermawan Adinugraha	UIN K.H. Abdurrahman Wahid Pekalongan	Introduction of Financial Accounting Standards to Sma/Smk Students In Batang District
Sabita Khadiqoh Hendri Hermawan Adinugraha	UIN K.H. Abdurrahman Wahid Pekalongan	An Overview of E-Wallet
Suci Rahmawati Hendri Hermawan Adinugraha Happy Sista Devy	UIN K.H. Abdurrahman Wahid Pekalongan	Characteristics of the Islamic Economy
Hatun Barut Sait Aykanat Rukiye Kara Hakan Yilmaz Halil Aytop Selim Eker	Eastern Mediterranean Agricultural Research Institute	Determination of Optimum Nitrogen Requirements of Some Bread Wheat Varieties in Kahramanmaraş Conditions
Siska Yuliana Hendri Hermawan Adinugraha	UIN K.H. Abdurrahman Wahid Pekalongan	Tax Function for The State
Chaoui Ayoub	Ibn Zohr University	Efficient Valorization of Poultry By-Products via Methane Production Optimization

(All speakers required to be connected to the session 10 min before the session starts)

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28.04.2023 | SESSION-1 | HALL-4



Kyrenia Time: 09:00-11:00



Ankara Time: 09:00-11:00



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Assoc. Prof. Dr. Behlül Sevim

Authors	Affiliation	Presentation title
Muhammed Tatar Meliha Feryal Sarikaya Tolga Karaköy	Sivas University of Science and Technology	Evaluation of the Performances of Some Prune Genotypes Under Sivas Ecological Conditions
Michelle Prajna Prameswari Hendri Hermawan Adinugraha	UIN K.H. Abdurrahman Wahid Pekalongan	Pillars And Terms of Sale and Purchase
Meliha Feryal Sarikaya Muhammed Tatar Tolga Karaköy	Sivas University of Science and Technology	Evaluation of Agro-Morphological Performance of Some Field Pea (<i>Pisum arvense</i> L.) Genotypes Under Sivas Ecological Conditions
Ajeng Nafilatun Nikmah Hendri Hermawan Adinugraha Ade Gunawan Ria Anisatus Sholihah	UIN K.H. Abdurrahman Wahid Pekalongan	Micro Small Medium Enterprises (Msmes) Perception on The Importance of Financial Reports
Duygu Udum Deniz Ekin Yıldırım	Bursa Uludağ University	Measurement of Nesfatin-1 Hormone in Breast Milk of Lactational Sheep
Nilay Güл Suzan Yalçın	Selçuk University	Health Benefits of Thyme Essential Oil
Behlül Sevim Tugay Ayaşan	Aksaray University	Moringa Oleifera'nın Yumurta Tavuklarının Beslenmesinde Kullanılması
Nailun Naja Hendri Hermawan Adinugraha	UIN K.H. Abdurrahman Wahid Pekalongan	Effective Time Management Strategies for College Students
Mehmet Zahit Yeken	Bolu Abant Izzet Baysal University	The Effect of Trinexpac-Ethyl on Plant Height, Yield and Some Agricultural Traits of Winter Bread Wheat (<i>Triticum aestivum</i> L.)
Anggun Herawati Hendri Hermawan Adinugraha	UIN K.H. Abdurrahman Wahid Pekalongan	The Decision to Marry Without Having Children (Childfree) From Human Rights Perspective (Women's Reproductive Rights)
Nazhifah Meydyna Silva Hendri Hermawan Adinugraha Tamamudin	UIN K.H. Abdurrahman Wahid Pekalongan	The Latest Developments in The Islamic Economy in Indonesia

(All speakers required to be connected to the session 10 min before the session starts)

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28.04.2023 | SESSION-1 | HALL-5



Kyrenia Time: 09:00-11:00



Ankara Time: 09:00-11:00



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Assist. Prof. Dr. Cemil Sadullahoglu

Authors	Affiliation	Presentation title
Songül Yumuşak Büşra Altinel	Selcuk University	Improper Use of Emergency Services
Sulis Setiyaningrum Hendri Hermawan Adinugraha	UIN K.H. Abdurrahman Wahid Pekalongan	Ethic And Moral Problems in The Present
Ihedigbo, Kingsley Sunday Olughu, Christopher Egwu Bello, Abdulkabir Opeyemi	Federal University of Technology Minna	Influence of Welfare Packages on Construction Workers Productivity in Nigeria: A Review
Yusril Bariki Hendri Hermawan Adinugraha Susmînîngsîh Ali Muhtarom	UIN K.H. Abdurrahman Wahid Pekalongan	Production Factors in The Development of The Islamic Economy in Indonesia
Tülin Yıldız Cagla Avcu	Tekirdag Namık Kemal Univesity	The Effect of Team Communication on Patient Safety in The Operating Rooms: Systematic Review
Fatma Azzahra Puspita Sari Hendri Hermawan Adinugraha	UIN K.H. Abdurrahman Wahid Pekalongan	The Importance of Vocational Competence Certification for Students For The Needs of Future Life
Elif Önsoz Kansu Büyükaşar Leyla Bahar Badel Arslan Gamze Ayar	Mersin University	Possible Regenerative Effect of Bone Marrow Mesenchymal Stem Cell-Derived Exosomes in Oleic Acid-Induced Lung Injury in Rats
Tsania Umairo Hendri Hermawan Adinugraha	UIN K.H. Abdurrahman Wahid Pekalongan	The Role of Financial Literacy in Financial Management
Gamze Korkmaz Gülseren Keskin Fenti Febriani Hendri Hermawan Adinugraha	Ege University UIN K.H. Abdurrahman Wahid Pekalongan	Cinsel İstismar Mağdurlarında Travmatik Hafiza Açısından Değerlendirme The Importance of Private Finance Management
Adhi Riza Aulia Hendri Hermawan Adinugraha	UIN K.H. Abdurrahman Wahid Pekalongan	Pentingnya Bahasa Indonesia Yang Baik Dan Benar

(All speakers required to be connected to the session 10 min before the session starts)

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28.04.2023 | SESSION-1 | HALL-6



Kyrenia Time: 09:00-11:00



Ankara Time: 09:00-11:00



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Assist. Prof. Dr. Cihan DEMİR

Authors	Affiliation	Presentation title
Burcu Demirbağ Ebru Ballı Hakan Ünver Deniz Kibar Evren Değirmenci Mustafa Kemal Yılmaz	Mersin University	Investigation of the Anti-Cancer Effects of Photodynamic Therapy by Using the Schiff-Base Ligand Complex As Photosensitizers on Human Breast Cancer Cell Line
Wulan Oktaviani Hendri Hermawan Adinugraha	UIN K.H. Abdurrahman Wahid Pekalongan	The Role of Parents in Overcoming Teen Fanaticism Towards Online Games
Haşim Bağıcı	Aksaray University	Determining the Significance Level of Activity (Turnover) Ratios in the Human Health and Social Services Industry: An Empirical Analysis with the Copeland Method Based on Sd – Critic and Lopcow
Wulan Oktaviani Hendri Hermawan Adinugraha	UIN K.H. Abdurrahman Wahid Pekalongan	Factors Triggering Teen Fanaticism Towards Online Games
Alime Selçuk Tosun Elif Nisa Kara	Selcuk University	Investigation of Intervention Programs Applied for Frailty in Older Adults
Dwi Mutiara Hendri Hermawan Adinugraha	UIN K.H. Abdurrahman Wahid Pekalongan	The Influence of Social Media on Business Activities
Ayşen Tezel	Gendarmerie and Coast Guard Academy	Will Snps Replace Strs in Forensic Identification
Osamah Ihsan Ali	University of Pannonia	Advances of TiCN CVD Coatings for Enhanced Cutting Tool Performance
Kerim Kaan Gökstün Betül Ulu	Malatya Turgut Ozal University	Is Depression Effective on Eating Attitudes and Behaviors? A Cross-Sectional Research
Stephen Ofori Yeboah Fatma Köprülü Behçet Öznacar	Near East University	Improving The Academic Performance of Students
Hendri Hermawan Adinugraha Susminingsih Husein Ali Muhtarom	UIN K.H. Abdurrahman Wahid Pekalongan	Bank Muamalat Indonesia Information Saifudin

(All speakers required to be connected to the session 10 min before the session starts)

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28.04.2023 | SESSION-2 | HALL-1



Kyrenia Time: 11:30-13:30



Ankara Time: 11:30-13:30



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Assist. Prof. Dr. Sevilay Güл

Authors	Affiliation	Presentation title
Rukiye Gezer	Siirt University	Post Harvest Treatments for Cut Flowers
Mala Khatuniswah	UIN K.H. Abdurrahman Wahid Pekalongan	E-Commerce Practices in Indonesia in A Sharia Economic Review Implementation Tolerated Happily
Sevilay Güл Levent Coşkuntuna	Tekirdag Namik Kemal University	In Vitro Techniques for Prediction of Nutritional Quality of Ruminant Feeds
Khairun NISA	UIN K.H. Abdurrahman Wahid Pekalongan	The Urgency of Education and Research Technology in Launching an Independent Curriculum
Aynur Bilmez Özçinar	Siirt University	Expressing Genes of Canola (<i>Brassica napus L.</i>): A Review
Salah Belaidi Yassmine Chennai	Mohamed Khaidhar University	Electronic and Structural Properties of Novel Series of Heterocyclic of Coumarin and Quantitative Structure Activity Relationship (QSAR) Studies and Golbraikh and Tropsha's Criteria of Validation
Tolga Ahmet Kalayci Kaan Pekel Öztürk Saraçoğlu Zehra Sude Sari Mehmet Fatih Akay	Cukurova University	Development of A Machine Learning-Based Seller Ranking Algorithm for E-Commerce Marketplaces
Artini Fatikhatus Yaa Siinta Hendri Hermawan Adinugraha	UIN K.H. Abdurrahman Wahid Pekalongan	Pengaruh Pengelolaan Sistem Akuntansi Keuangan Daerah Terhadap Kualitas Laporan Keuangan Kabupaten Pekalongan
Djellouli Amir Berredjem Yamina Hattab Zhour Khechai Mohamed Barbari Fateh Azri Naima Sara Ncibi	Université mohammed chérif mesaadia de Souk-Ahras	Removing Aqueous Waste with Cost-Effective Bioadsorbents
Afidah Rozi Anti Hendri Hermawan Adinugraha Ali Muhtarom Susminingsih	UIN K.H. Abdurrahman Wahid Pekalongan	Islamic Economic Review About E-Money
J. Sravani P. Manoj Kumar C. Bala Sai	Department of Civil Engineering	Experimental Study on Partial Replacement of Cement with Ggbns In Concrete

(All speakers required to be connected to the session 10 min before the session starts)

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28.04.2023 | SESSION-2 | HALL-2



Kyrenia Time: 11:30-13:30



Ankara Time: 11:30-13:30



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Assist. Prof. Dr. Yusuf Dilay

Authors	Affiliation	Presentation title
Tuba Beşen	West Mediterrenian Agricultural Research Institute	Portakal Üreticilerinin Su Kaynaklarının Değerlendirilmesi Üzerine İnceleme
C. Bala Sai P. Manoj Kumar J. Sravani	Department of Civil Engineering	Study on Mechanical Properties of Concrete by Partial Replacement of Aggregates with Ceramic Waste
Ayberk Subaş	Ondokuz Mayıs University	Gebe Bir Köpekte Kronik Diyafram Fıtığının Tedavisi
Andreea Irina Barzic Maria Teresa Buscaglia Lavinia Petronela Curecheriu Raluca Marinica Albu Iuliana Stoica	“Petru Poni” Institute of Macromolecular Chemistry, Iasi, Romania	Assessment of the Dielectric Properties of Barium titanate/polymer Composites: Effects of the Polymer Matrix Structure
H. Deniz Şireli Ali Murat Tatar Murat Turan Gökhan Gelir	Dicle University	Büyükbaş İşletmelerinde Hayvan Refahına Bağlı Buzağı Kayıpları
Simona Luminita Nica Constantin Gaina Raluca Marinica Albu Iuliana Stoica Andreea Irina Barzic	“Petru Poni” Institute of Macromolecular Chemistry	Absorption Edges and Morphology of Reinforced Polyvinyl Alcohol with Variable Amounts of Pristine/Modified Carbon-Based Filler
Murat Turan H. Deniz Şireli Ali Murat Tatar Fırat Bülbüller	Dicle University	Büyükbaş ve Küçükbaş işletmelerinde Biyogüvenlik Uygulamalarının Önemi
Moses Adeolu AGOI Oluwanifemi Opeyemi AGOI	Lagos State University of Education	The Implicit Effect of Cyber Crimes and Its Explicit Implication on Modern Society
Ali Murat Tatar Murat Turan H. Deniz Şireli	Dicle University	Sığircılık İşletmelerinde Buzağı ve Düvelerde Isı Stresi
Ayberk Subaş	Ondokuz Mayıs University	Sol Antebrachiumda Osteosarcoma Meydana Gelen Bir Köpekte Tümörlü Dokunun Osteotomi Yöntemi ile Uzaklaştırılması
Yaser Rahmaty Mansora Pooya	Kirsehir Ahi Evran University	The Relationship Between Human Rights, and Economic Rights with Foreign Investment

(All speakers required to be connected to the session 10 min before the session starts)

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28.04.2023 | SESSION-2 | HALL-3



Kyrenia Time: 11:30-13:30



Ankara Time: 11:30-13:30



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Assoc. Prof. Dr. Ali Beyhan Uçak

Authors	Affiliation	Presentation title
Gözde Kılıç Sakine Yalçın	Amasya University	The Effect of Fermentation Process on Garlic (<i>Allium sativum</i>) Composition and The Use of Raw and Fermented Garlic in Poultry Nutrition
Raluca Marinica Albu Iuliana Stoica Andreea Irina Barzic	“Petru Poni” Institute of Macromolecular Chemistry	Evaluation of the Dielectric Performance of a Modified Cellulose Matrix Containing Different Metal-Based Fillers
Ali Beyhan Uçak	Siirt University	Determination of Plant Water Consumption of Dry Beans in Semi-Arid Climate Conditions with Two Different Methods
Abel Maharramov Afaq Abdullayeva Gulnar Atakishiyeva Nigar Ahmedova Irada Shikhaliev Namiq Shikhaliev	Baku State University	4-Azido-2-(4-İkamelifenil)-5-(3-Nitrofenil)-2h-1,2,3-Triazollerin Sentezi
Ali Beyhan Uçak	Siirt University	Direct Determination of Plant Water Consumption of Pumpkin Plant
Abel Maharramov Ayten Qajar Gulnar Atakishiyeva Gulnara Babayeva Namiq Shikhaliev	Baku State University	(E)-1-(1-(4-(Tert-Bütil)Fenil)-2,2-Diklorvinil)-2-(P-İkameli) Diazenlerin Sentezi
Elif Tuğçe Samsunlu Ö. Faruk Lenger	Afyon Kocatepe University	Apoptotic Effect of Cynarin on Cancer Cells
Abel Maharramov Shafiga Ibrahimova Gulnar Atakishiyeva Ayten Niyazova Namiq Shikhaliev	Baku State University	Metil (E)-4-(2,2-Diklor-1-(Fenildiazenil) Vinil) Benzoat Türevlerinin Sentezi
Pınar Cubukcu	Eastern Mediterranean Agricultural Research Institute	Evaluation of Soybean Breeding Lines for Cultivar Development in Mediterranean Region As A Main Crop Conditions
Misir Bayramov Anar Abdullayev	Department of Human Anatomy and Medical Terminology of Azerbaijan Medical University	Histochemical Analysis of The Sympathetic Nervous Structures in the Wall of the Internal Iliac Arteries
Lamara Kadagidze Beka Tchankotadze	Grigol Robakidze University	Personalized Tourism Recommendations for Visitors to Georgia Using Hybrid Clustering

(All speakers required to be connected to the session 10 min before the session starts)

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

28.04.2023 | SESSION-2 | HALL-4



Kyrenia Time: 11:30-13:30



Ankara Time: 11:30-13:30



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Prof. Dr. Süleyman Kozat

Authors	Affiliation	Presentation title
Hatice Baş Hülya Doğan	Yozgat Bozok University	Investigation of Antibacterial Activity of <i>Capsicum annuum</i> L. Extract on Escherichia coli and <i>Staphylococcus aureus</i>
B. Rohini T Raghavendra Chodavarapu Giridhar Kumar	Rajeev Gandhi Memorial College of Engineering and Technology	Study on Use Waste Plastic Bottles in Concrete Mix as Partial Replacement of Coarse Aggregate
Hatice Baş Hülya Doğan	Yozgat Bozok University	Fumigant Toxicity of Essential Oil of <i>Capsicum annuum</i> L. (Solanaceae) to <i>Tenebrio molitor</i> L., 1758 (Coleoptera: Tenebrionidae)
Binyam Zigta	Wachemo University	The Influence of Thermal Radiation and Chemical Reaction on MHD Micropolar Fluid in The Presence of Heat Generation/ Absorption
Süleyman Kozat	Van Yüzüncü Yıl University	Köpeklerde ve Kedilerde Hemotoraks
Tsegmid Namsraijav Malovichko Lyubov Vasilievna Tsoggerel Baldandugar Khiliinchuluun Soninbaatar Gavrilov Alexander Igorevich	Senior Lecturer Mongolian Agricultural University	Avifauna of the Province (Aimak) Dornogov In Mongolia
Süleyman Kozat	Van Yüzüncü Yıl University	Hayvan Sağlığında Selenyum Önemi
Nguyen Huy Hoang	Tra Vinh University	Compare the Provisions of the Civil Code of Vietnam 2015 and the Civil Code of Vietnam 2005 on Fake Civil Transactions
Süleyman Kozat	Van Yüzüncü Yıl University	Prevention Strategies for Calf Loss in Perinatal and Neonatal Period
Nguyen Huy Hoang	Tra Vinh University	Grounds For Invalidity of Fake Civil Transactions Under Vietnamese Law
Iuliana Stoica Ion Sava Raluca Marinica Albu Andreea Irina Barzic	“Petru Poni” Institute of Macromolecular Chemistry	Involvement of Polyimide Structure on the Optical Properties of the Corresponding Azochromophore Systems
Sabina Lachowicz-Wiśniewska Ireneusz Kapusta Michał Świeca	Calisia University	Polyphenol Powders of White Grape – The Potential Bioaccessibility and Bioavailability of Polyphenolic Compounds and Biological Activities

(All speakers required to be connected to the session 10 min before the session starts)

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

28.04.2023 | SESSION-2 | HALL-5



Kyrenia Time: 11:30-13:30



Ankara Time: 11:30-13:30



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Assist. Prof. Dr. Arzu Coşkuntuna

Authors	Affiliation	Presentation title
Valeh Ismailov Niftali Yusubov Iskender Mammedov Nurlana Sadihova	Baku State University	Some Transformations of Ethyl Cyanoacetate
Vatan Aşkin Arzu Coşkuntuna	Tekirdag Namik Kemal University	Destructive Fungal Diseases of Turfgrass
Baiju Thomas	Ramakrishna Mission Vivekananda Educational and Research Institute	Promoting a Study on the Importance of Maintaining Adequate Nutrition and Health Diet for Children with Cerebral Palsy in modern Society
Dürdane Mart	Eastern Mediterranean Agricultural Research Institute	Investigation of Chickpea (<i>Cicer arietinum</i> L.) Lines and Varieties in the Mediterranean Region
Farhad Mikayilov Ibrahimli Shams Ibrahim	Azerbaijan State Technical University	Problems Of Integrating Artificial Intelligence and Automation Into The Labor Market
Celile Aylin Oluk	Eastern Mediterranean Agricultural Research Institute	Effects of Pasture and Concentrate-Based Feeding on Milk and Dairy Products
Rodrigo M. S. de Oliveira Caio B. O. de Oliveira Gustavo G. Girotto Licinius D. S. de Alcantara Nathan M. Lopes Ronaldo F. Zampolo Frederico H. R. Lopes Victor Dmitriev Fernando S. Brasil	Federal University of Pará	Numerical and Experimental Investigation of Ozone Production and Transport from Defective Hydrogenerator Stator Bar in An Ozone Reaction Chamber
Mustafa Güçlü Muammer Özkan Cihan Büyükk Onur Gezer	Yildiz Technical University	Experimental Investigation of the Behavior of Modulated Kinetic Combustion Strategy in a Diesel Engine at Different Engine Loads
Gözim PUKA	University of Shkodra "Luigj Gurakuqi"	About the Literature That Was Written Through the Pages of An Islamic Magazine in Albania During the Second World War
Ahmad Zaky Abyan Setyo Widagdo	University of Lampung	The Effect of Combination of Chicken Manure Extract With AB-Mix Nutrition on The Growth and Yield of Mustard Greens in Hydroponic System
Afrasyab Khan	University of Engineering and Technology Taxila	Machine Learning Classification Algorithms for Ensuring Smart Manufacturing in Welded Joints

(All speakers required to be connected to the session 10 min before the session starts)

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

28.04.2023 | SESSION-2 | HALL-6



Kyrenia Time: 11:30-13:30



Ankara Time: 11:30-13:30



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Assist. Prof. Dr. Zekiye Şengül

Authors	Affiliation	Presentation title
Meryem Aksoy Semra Benzer	Gazi University	Environmental Ethics Awareness of Pre-Service Science Teachers
Carole Serhan Nour Nasr Georges El Cheikh Gerard Nachar	University of Balamand	Workplace Context, Management Practices and Young Employee Retention: The Case of Hospitality and Tourism in Lebanon
Meryem Aksoy Semra Benzer	Gazi University	Environmental Behavioral Status of Pre-Service Science Teachers
Muhammad Waseem Bari Asad-Ur- Rahman	Government College University	Mediating Role of Public Service Motivation Between Management Practices and Taking Charge Behavior: A Multi-Mediation Model
Sumru Kaleli	Trakya University	Marketing Cities and Branding in The Context of the City Edirne: A Swot Analysis
Vinaytosh Mishra	Gulf Medical University	Framework for Healthcare Organization Governance- A System Thinking Approach
Aysu Altaş Öznur Cumhur	Aksaray University	A Conceptual Research on Mixology
Hüseyin Kaş Burak Poyraz Aygün Tokay	Bursali Tekstil San ve Tic. A.Ş	Development of Lamel Separator System on Weaving Looms
Nguyen Thi Tu Trinh	University of Science and Technology	English Language Education in Vietnam: A Historical, Sociocultural Perspective
Güzin Yilmaz Bilge Incekara Aygün Tokay	Bursali Tekstil San ve Tic. A.Ş	Investigation of The Dyeability of Cellulosic Products with Pretreatment and Reactive Dyeing Materials in A Single Bath
Ebtihal Gameel Abdelghaffar Hany Ahmed Hafney Hala Mohamed Ebaid Heba Nageh Gad EL-Hak	Suez Canal University	Clinical, Histopathological, and Ultrastructural Studies on the Effects of Chlorella Vulgaris Supplementation in Protecting Healthy Tissue from Toxicity Brought on by the Therapeutic Regimen of Cisplatin
Naci Aybek Mehmet Salih Aydin Zekiye Şengül	Siirt University	Tüketicilerin Bal ve Katma Değeri Yüksek Diğer arı Ürünlerinin Satınalma Tercihleri: Siirt İli Merkez İlçesi

(All speakers required to be connected to the session 10 min before the session starts)

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

28.04.2023 | SESSION-3 | HALL-1



Kyrenia Time: 14:30-16:30



Ankara Time: 14:30-16:30



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Dr. Leila IMANPARAST

Authors	Affiliation	Presentation title
Elif Tokdemir Demirel Muzaffer Öztürk Zeynep Betül Çiçek Yağmur Sude Toprakçı	Kırıkkale University	The Use of A Reference Corpus As A Translation Aid: A Case Study With Student Translators
Lenida Lekli	University of Elbasan	Teachers' Burnout, the "Fatigue Syndrome" of Educators' Physical, Mental and Psychological Exhaustion in Albania
Semih Özen Mahir Terzi	Ministry of National Education	The Situation of Migration in International Political Economy
Augustine Chinedu Ihim Chioma Innocentia Okere Samuel Chukwuemeka Meludu Alfred Friday Ehiaghe Patrick Chinedu Obi	Nnamdi Azikiwe University	Evaluation of Apolipoproteina-1, Apolipoprotein B and Glucose Levels of The Elderly, Actively Exercising and Non-Exercising Individuals in Nnewi
Melike Somuncu	Siirt University	Toplumsal Olaylara Toplum Dilbilimsel Açıdan Nasıl Yaklaşılmalıdır?
Alexander V. Lagerev Igor A. Lagerev	Kuban State Technological University	Forecasting the Reliability of Mobile Ropeways Based on Self-Propelled Wheeled Chassis
Mehmet Batkı Vildan Ateş	Ankara Yıldırım Beyazıt University	Determining Critical Success Factors of Green Supply Chain Management Practice
Favour C. Uroko	University of Nigeria Nsukka	Exploring faith-based interventions in food insecurity in Nigeria: A Phenomenological approach
Veli B. Shakhmurov	Antalya Bilim University	Regularity Properties for Fractional Boussinesq Equations and Applications
Pramod K Singh	Sharda University	Energy Devices Based on Plaste Waste Materials and Ionic Liquid Doped Polymer Electrolyte
A. K. Ayapbergenova	Al-Farabi Kazakh National University	Role of creative hubs and producing new media products towards the SDGs, as a tool for achieving the goal of Sustainable Cities SDG 11.
Redouane En-Nadir Haddou El-Ghazi Hassan Abboudi	University of Sidi Mohamed Ben Abdallah	Intense Laser Field Effect on The Electronic and Optical Characteristics of Harmonic and Anharmonic Oscillators Within An Ingan/Gan Heterostructure

(All speakers required to be connected to the session 10 min before the session starts)

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

28.04.2023 | SESSION-3 | HALL-2



Kyrenia Time: 14:30-16:30



Ankara Time: 14:30-16:30



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Dr. Betül GIDIK

Authors	Affiliation	Presentation title
Meryem Bostancı Kübranur Ağtoprak Uğur Karaaslan	Senior R&D Specialist, Automotive, Marine and Grease Oils	Investigation of Tribological Properties of Calcium Sulfonate Complex Greases Prepared With Mineral and Different Synthetic Base Oils
Prateek Singh T.R. Dilip	Delhi University	Exploring the Persistence of Hypertension Despite Medication: Implications for Advancing Treatment and Policy Perspectives in India
Hazel Çelik Güzel Fatih Enzin	Bandırma Onyedi Eylül University	Evaluation Of Symptoms of Dysphagia In Individuals With Diabetic Foot Ulcer
Dinesha, B.L. Sharanagouda Hiregoudar	University of Agricultural Sciences	Optimization And Prediction of Nitrite and Sulphate Removals from Wastewater By Iron Oxide Nanoabsorbent Using Different Modeling Approaches
Salsabila Nadianisa Maruto Adi Indrayanto Ade Irma Anggraeni	Universitas Jenderal Soedirman	Being Creative Through Emotional Stability in Choosing Coping Strategies
Le Tran Thanh Liem Pham Van Trong Tinh Nguyen Thi Bach Kim Pham Ngoc Nhan Nguyen Thi Kim Phuoc Nguyen Thu Hien	Kien Giang University	Research on the Financial Efficiency of The Rice-Lotus Rotation Model – A Case Study In The Vietnam Mekong Delta
Adnan Celik	Selcuk University	The Importance of Management Functions in Natural Disasters: Evaluation of Kahramanmaraş-Centered Earthquakes
Farhad Ali	Kohat University of Science and Technology	Lie and Noether Symmetries of Second-Order Partial Differential Equations
Adnan Celik	Selcuk University	Entrepreneurship Workshop Proposal for The Least Developed Countries
Daniela Matušková Tünde Dzurov-Vargová	University of Prešov	Increasing The Quality of Services Provided in The Hotel Industry Through A Quality Management System
Burcu Türkcan Gül Ş. Huyugüzel Kişla Çağla Bucak	Ege University	The Nexus Between Earthquakes and House Prices: A Systematic Literature Review
Kübranur Ağtoprak Meryem Bostancı Uğur Karaaslan	Belgin Madeni Yağlar Tic. Ve San. A.Ş.	Effect Of Different Polymers on Water Spray Resistancy of Calcium Sulfonate Complex Greases
Nazarov Vugar Hajiyev Jamal Ahadov Vasif Aghabaji Aghazada Adalat	Azerbaijan Tourism and Management University	The Impact of Financial Crises on the Activities of Financial Institutions

(All speakers required to be connected to the session 10 min before the session starts)

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28.04.2023 | SESSION-3 | HALL-3



Kyrenia Time: 14:30-16:30



Ankara Time: 14:30-16:30



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Dr. Sevim AKÇAĞLAR

Authors	Affiliation	Presentation title
Cagfer Yanarates	Gumushane University	Switch Mode Power Supply-Based Multifunctional Emulator
Tanzeela Rubab	Kohat University of Science and Technology	Combinatorial Properties of Power Graphs Over Gyrogroups
Mehmet Sezgin Mustafa Kahya	Çankırı Karatekin University	Bitkilerde Abiyotik Strese Karşı Bitki Büyüme Düzenleyicilerinin Rolü
Adriana Madya Marampa Pramono Hari Adi Ade Irma Anggraeni	Universitas Kristen Indonesia Toraja	Understanding the Role of Covenant Orientation in Knowledge Sharing: A Study of Indonesian Small and Medium Enterprises
Mehmet Sezgin Mustafa Kahya	Çankırı Karatekin University	Bitki Streoid Hormonu: Brassinosteroidler
Kumail Raza	Kohat University of Science and Technology	Certain Topological Properties of Commuting Graphs Over Semi-dihedral Groups
Oğuz Düzgün	Bandırma Onyedi Eylül University	The Adventure of The Modern Subject from Descartes To Habermas
Diellza Misini Alberta Tahiri Arjeta Momqilli	University of Applied Sciences in Ferizaj	Contemporary Management Functions in The Tourist Agency Sann-Fly
Mansur Beştaş	Siirt University	Blok Zinciri Ve Ipfs Destekli IoT Veri Yönetimi
Natraj Mishra	Adamas University	Dynamic Modelling and Control of Two Link Flexible Arm Robotic Manipulator
Alime Selçuk Tosun Neslihan Löök Tuba Köse	Selcuk University	Peer Bullying/Victimization in Adolescents and Investigation of Affecting Factors
Yevheniia Khmelova	Institute of Business Education named after Anatolii Poruchnyk	The Influence of Urban Environment on Human Psycho-Emotional State

(All speakers required to be connected to the session 10 min before the session starts)

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28.04.2023 | SESSION-3 | HALL-4



Kyrenia Time: 14:30-16:30



Ankara Time: 14:30-16:30



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Assoc. Prof. Dr. Ali Beyhan UÇAK

Authors	Affiliation	Presentation title
Hasan Esat Vural Hakkı Bağci	Sakarya University	Covid-19 Pandemi Döneminde Uzaktan Eğitimde Öğretmenlerin Dijital Öğretim Materyali Geliştirmektedeki Yeterliliklerin Çeşitli Değişkenler Açısından İncelenmesi
Shokrpour, N. Nasiri, E.	Shiraz University of Medical Sciences	To What Extent Is Academic Burnout Influenced by Positive Thinking Education
Sedat Yaşın Rabia Taşdemir	Gaziantep Islam, Science and Technology University	Persistent Trigeminal Artery and Its Clinical Significance: A Case Report
Nasiri, E. Shokrpour, N.	Shiraz University of Medical Sciences	Readiness for E-Learning from the University Students and Professors' Perspectives
Vefa Çelikci Ahmet Mutlu Karabacak Mustafa Yeşilyurt	Amasya University	The Effect of Using Technological Materials in 4th Grade Fraction Teaching on Students' Achievement Level
Sunshine Harriet Isiakpere Joseph Onyema Ahaotu	University of Port Harcourt	A Multimodal Discourse Analysis of Online Advertisements of Selected Anti-aging Beauty Products
Metin Samancı	Bilecik Şeyh Edebali University	An Original Ghazal of Emri Depicting Hand
Ilir Hebovija Nevila Xhindi	Mediterranean University of Albania	Digital Leaders' Promotors to Learning and Development
Can Denizci	Dokuz Eylul University	Fransızca Öğretim Yöntemlerinde Ders Kitabı Etkinliklerinin Evrimi
Davide Ialongo	Sapienza University of Rome	Pyrimidine-Based Compounds As Innovative Protein-Protein Interaction Inhibitors In Cancer Treatment
Fari Bushi	University of Applied Sciences in Ferizaj	The Role of Social Media Marketing in Consumer Behavior in The Tourism Industry
Marcquin Chibuzo Iheagwara	Federal University of Technology	Influence of Ginger Extract on Stability and Sensorial Quality of Smoked Mackerel (<i>Scomber scombrus</i>) Fish

(All speakers required to be connected to the session 10 min before the session starts)

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

28.04.2023 | SESSION-3 | HALL-5



Kyrenia Time: 14:30-16:30



Ankara Time: 14:30-16:30



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Dr. Bosse Omar Ndhatwa

Authors	Affiliation	Presentation title
Bosse Omar Ndhatwa	Kocaeli University	Kongo Demokratik Cumhuriyeti Sömürgecilikten Günümüze Siyasal ve Kültürel Değişimi
Subhashish Dey	Gudlavalleru Engineering College	Performance of Mechanical & Durability Properties of Ternary Blended Cement Concrete
Bosse Omar Ndhatwa	Kocaeli University	Romania-EU Relations from Full Membership to the Present
Renny P Varghese	Catholicate College	On The Spectra Of A New Corona Type Graph And Applications
Osman Ferda Beytekin Gözde Yilmaz Çıldır	Ege University	The Reflections Of January 24, 1980 Decisions On Education Policies Of Türkiye
Burbuqe Kurtaj-Bajrami	College of Medical Sciences “Rezonanca”	Importance of Nutritional Biochemistry
Hasan Emre Kılıç	Sakarya University	Disaster Management In Smart Cities
Nupur Luharia Ku.Kuldeep Kaur	Shri Mathuradas Mohota College Of Science	Review of environmental DNA metabarcoding for freshwater Benthic monitoring
Osman Ferda Beytekin Şükru Güler	Ege University	Analyzing Teachers' Views Regarding School Administrators' Social Justice Leadership Implementations
Erhan Albayrak Sevgi Özén	Recep Tayyip Erdogan University	Effect Of Material Calcination On Geopolymer Synthesis
Hüseyin Çelik Bahar Burtan Doğan	Dicle University	The Effect Of Globalization On Consumption Expenditure: An Empirical Analysis For Türkiye
Ernyasih Anwar Mallongi Anwar Daud Sukri Palutturi Stang Abdul Razak Thaha	Hasanuddin University	Model Prediction of Potential Disease Effects from PM2.5 Emission Among School Children in Coming 30 years in South Tangerang

(All speakers required to be connected to the session 10 min before the session starts)

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28.04.2023 | SESSION-3 | HALL-6



Kyrenia Time: 14:30-16:30



Ankara Time: 14:30-16:30



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Dr. Aslı ÖZCAN

Authors	Affiliation	Presentation title
Elif Betül Kılıç Dilek Dülger Altiner	Kocaeli University	Usage of Bitter Gourd (<i>Momordica charantia</i>) in Food Products
Thi-Hoang-Anh Tran	Can-Tho University	Exploring Factors Influencing Tourist Satisfaction With Floating Market Cuisine In Can Tho City, Vietnam
Rıdvan Oruç	Ağrı İbrahim Çeçen University	Nox Modeling Of Aircraft With Mixed Flow Turbofan Engines Using Cuckoo Search Algorithm
Celjana Toti Almire Gurakuqi Etleva Qeli Gerta Kaçani	University of Medicine	Effectiveness Of Prefabricated Functional Appliances During Orthodontic Treatment In Young Patients
Sümeyye Bozbayır Nermin Demirkol Özge Parlar Öz Irem Karagözoglu	Gaziantep University	Aesthetic Analysis To Be Done Before Restoration Of Porcelain Laminate Veneer
Rezvan Khalvandi Mehrdad Karimimoshaver	Bu-Ali Sina University	The effects of urban microclimates on controlling the intensity of heat islands and adjusting climatic conditions
Ash Özcan	Suleyman Demirel University	Investigation Of Social Media Use Of Municipalities That Are Local Government Units By Analytical Methods
Florentina Udrea	National Institute of Heritage	Brâncoveni Monastery – National And Universal Movable Cultural Heritage. Case Study: Fund Category.
Aslı Özcan	Suleyman Demirel University	Determination Of Criteria Weights Used In 3pl (Third Party Logistics) Company Selection By Mcdm Methods
Ribah Sultan Ayesha Jabeen	University of Management and Technology	Social Comparison, Self-Compassion, Self-Improvement, And Mental Health Problems In Young Adults
Mustafa Çakir	İskenderun Technical University	Modeling Of Cooling Strategy By Artificial Intelligence Techniques In The Analysis Of Residual Stress Occurred In The Machining Of Super Alloy

(All speakers required to be connected to the session 10 min before the session starts)

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29.04.2023 | SESSION-1 | HALL-1



Kyrenia Time: 09:00-11:00



Ankara Time: 09:00-11:00



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Assist. Prof. Dr. Yelderem AKHOUNDNEJAD

Authors	Affiliation	Presentation title
Mesut Budak Hikmet Günal Ismail Çelik	Siirt University	Spatial Variability of Mean Weight Diameter As A Quality Indicator of Yüksekova Soils Under Different Land Uses
Monica Garoiu	University of Tennessee-Chattanooga	Victor Brauner: from Dada to Surrealism
Mesut Budak Ismail Çelik Hikmet Günal	Siirt University	Water Filled Pore Space and Nitrogen Denitrification Potential of the Soil Series in Yüksekova Plain
Renata Nagy Alexandra Csongor Vilmos Warta	University of Pécs Medical School	Changing Trends and Attitudes Towards Online Assessment
Mesut Sirri Hikmet Günal Mesut Budak	Siirt University	A General Overview of the Yüksekova Plain within the Scope of Ecosystem Service; Problems, and Solutions
Nuno Baptista Maria Dos-Santos Fernando Mata Natacha Jesus-Silva Nelson Matos	Polytechnic Institute of Lisbon	Exploring The Relationship Between Anti-Consumption and Consumerism
Mesut Sirri Mesut Budak Mehmet Fidan Shahid Farooq	Siirt University	Some Endangered Plant Species Naturally Growing in Yüksekova Basin
Nuno Baptista Maria Dos-Santos Fernando Mata Natacha Jesus-Silva Nelson Matos	Polytechnic Institute of Lisbon	Attitudes Towards Consumption: The Development of Na Operacional Scale
Ebru Kondolot Solak Seçil Kaya	Gazi University	Total Phenolic, Total Flavonoid and Antioxidant Activities of Artemisia absinthium Extracts: A Review
Kalashnyk Nadiia	National Forestry University of Ukraine	Public Administration Conceptual Transformations Under the Martial Law in Ukraine
Malachynska Mariya	Odesa Regional Institute of State Administration	The Perinatal Assistance System State Regulation: Approaches and Changes

29.04.2023 | SESSION-1 | HALL-2



Kyrenia Time: 09:00-11:00



Ankara Time: 09:00-11:00



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Dr. Betül GIDIK

Authors	Affiliation	Presentation title
Yattani Buna Nyakwara Begi	Kenyatta University	Cultural Practices Hindering Girl Child's Access to Early Years Education. A Case of Nomadic Pastoralists of Marsabit County, Kenya
Uğur Ata Cemil Çelik Naile Esra Saka	Tekirdağ Namık Kemal University	Boyunda İki Keskin Kuvvet Yaralanması; Ölüm Şeklinin İncelenmesi
Volodymyr Yukalo	Lviv Polytechnic National University	Development Problems of Assisted Reproductive Technologies Management
Uğur Ata Cemil Çelik Naile Esra Saka	Tekirdağ Namık Kemal University	2013-2021 Yıllarındaki Adli Tıp Kurumuna Ait Ölüm İstatistiklerinin İncelenmesi Ve Negatif Otopsi
Cihan Öner Yıldız	Gaziosmanpaşa Eğitim ve Araştırma Hastanesi	Hastanelerde Bilgi Güvenliği ve Kalite Sisteminin Hasta Güvenliği Üzerine Etkisi
I. Sancar Şimşek	Mersin İdealdent Clinic	The Effect of Gender Structure and Female Employment on Oral and Maxillofacial Surgery and Orthodontic Treatments
Monsurat Olajide Babalola Joseph Onyema Ahaotu	University of Port Harcourt	Multimodal Discourse Analysis of Sexism and Gender Stereotyping Popular Nigerian Online Comic Skits
Veysel Dinç	Gaziosmanpaşa Eğitim ve Araştırma Hastanesi	Anestezi ve Reanimasyon yoğun bakım ünitesinde travma hastaların takip ve tedavi yaklaşımı
Yassine Bouhouchi Youness Ighris Yassine Amari Sadiki	Sultan Moulay Slimane University	Thermal Lattice Boltzmann Method for Rarefied Gas Flow in A Micro Cavity with Obstacles
Özlem Çinar Özdemir Nurgül Özdemir	Izmir Demokrasi University	Examination Of Low Back Pain and Quality of Life Level in Pregnant Women
Fatih Atalar	Istanbul University-Cerrahpaşa	Investigation of Silicone Insulator Surface Resistance by using Empirical Mode Decomposition Method

(All speakers required to be connected to the session 10 min before the session starts)

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

29.04.2023 | SESSION-1 | HALL-3



Kyrenia Time: 09:00-11:00



Ankara Time: 09:00-11:00



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Assoc. Prof. Dr. Ferhat ÖZTÜRK

Authors	Affiliation	Presentation title
Burcu Biçakhan	S.B.Ü. Gaziosmanpaşa Eğitim ve Araştırma Hastanesi	Travmatik Damar Yaralanmaları Ve Tedavi Yaklaşımı
Yassine Bouhouchi Youness Ighris Yassine Amari Sadiki	Sultan Moulay Slimane University	Numerical Analysis of Natural Convection in A Square Cavity Filled with Nanofluid Using the Lattice Boltzmann Method
Makbule Nihan Somuncu Ayşe Gul Zamani Emine Goktas Kazım Gezginc Mahmut Selman Yıldırım	Necmettin Erbakan University	Rare Mutation in Androjen Receptor Gene with a Case of Primary Amonerhroea
Gergana Zaemdzikova	Forest Research Institute - Bulgarian Academy of Sciences	Study On Flight of The Summer and Winter Form of Pine Processionary Moth
Sıtkı Özbilgeç Makbule Nihan Somuncu Emine Türen Demir Ali Acar	Necmettin Erbakan University	A Variant of c-KIT Gene in Vulvar Melanoma May Be a Chance of Molecular Therapy?
Gergana Zaemdzikova	Forest Research Institute - Bulgarian Academy of Sciences	Survival of Summer and winter Form of Thaumetopoea pityocampa in The Hibernation Period
Emral Gülçek	Siirt University	Toplum Temelli Ruh Sağlığı Hemşireliği: Bir İnceleme
Liliana Mihaela Moga Lucia Durac Ionica Simbanu Daniel Tecu	Dunarea de Jos University of Galati	Applications of Jiao Theory in Decision Making for Social Entrepreneurship Adopting
Leyla Tutuş Irem Karagözoglu Özge Parlar Öz Nermin Demirkol	Gaziantep University	Aesthetic Rehabilitation of Patients with Anterior Diestema with Porcelain Laminas
Samir Chandra Das Manas Kumar Sanyal Jatindra Kumar Das Nabarun Bhattacharyya	University of Calcutta	Vision SDG 2030 Clean Water, Sanitation and Zero Emission Industry Pollution Management using nWSN based Green IoT Applications: A Techno-legal aspects for Smart World
Irem Karagözoglu Derya Doğan Evlice Nermin Demirkol Özge Parlar Öz	Gaziantep University	Current Parameters in Aesthetic Restorations

(All speakers required to be connected to the session 10 min before the session starts)

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

29.04.2023 | SESSION-1 | HALL-4



Kyrenia Time: 09:00-11:00



Ankara Time: 09:00-11:00



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Assoc. Prof. Dr. H. Deniz ŞİRELİ

Authors	Affiliation	Presentation title
Mustafa Karagülle	Eskişehir Yunus Emre Devlet Hastanesi	Bir Devlet Hastanesinde Kan Transfüzyon Merkezinin İşlevselliliğinin Değerlendirilmesi
C.Vijai Joyce M. Elayaraja	St Peter's Institute of Higher Education and Research	The Emerging Technologies in The Insurance Sector
Tülin Yıldız Cagla Avcu Merve Oyuktaş	Tekirdağ Namık Kemal University	Nursing Practices for Sleep Quality of Patients in Intensive Care After Cardiovascular Surgery: A Systematic Review
Garcia, Jean B. Ochotorena, Corazon B. Jacinto, John Wayne	Jose Rizal Memorial State University	Parental Roles in Relation to Adolescent Risk Behavior: Basis for Intervention Program
Manotar Tampubolon Konrad Manurung Mulyono Konstantinus Budi Hendra Simak	Universitas Kristen Indonesia	Corruption and Bureaucratic Reform in Indonesia
Tülin Yıldız Cagla Avcu Nurse Nese Altincekic	Tekirdağ Namık Kemal University	Team Behavior and Awareness in Safe Surgical Checklist Use: A Systematic Review
Alya Fadhilah Darwin H Pangaribuan Setyo Widagdo	The University of Lampung	Effects of Lamtoro Leaf (<i>Leucaena leucocephala</i>) Extract Concentration on Mustard Green (<i>Brassica juncea</i> L.) in Hydroponic System
Chems Eddine Boukhedimi	University of Tizi Ouzou	Effect of Gender on the Willingness to Pay for Organic Food in the Future: Turkish's and Algerians Experience
Tülin Yıldız Cagla Avcu Özge Topçu Demircan	Tekirdağ Namık Kemal University	Digital Nursing Care in Orthopedic Surgery: A Systematic Review
Muhammad Idrian Bin Harun Xander Andree Raysner Freno Rayced Ardiano Deron Hassan	Keningau Vocational College	Creating Ergonomic Workspace with A Trolley Adapted to Suit Various Purposes

(All speakers required to be connected to the session 10 min before the session starts)

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

29.04.2023 | SESSION-1 | HALL-5



Kyrenia Time: 09:00-11:00



Ankara Time: 09:00-11:00



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Dr. Leila İMANPARAST

Authors	Affiliation	Presentation title
Öner Demirel Meryem Bihter Bingül Bulut Tuba Gizem Aydoğan	Kırıkkale University	Water-Sensitive Urban Design in The Fight Against Climate Change: The Role of Urban Green Spaces and Water Conservation
Musfirah Nasitah Jyfreena Ryzza Binti Yanik Mohamad Shahrin Bin Ali	Keningau Vocational College	Teaching Children the Basic Skills in Numeracy Through Picture Cards
Selim Koroglu Özgür Özdemir Akif Demirçali Selami Kesler	Pamukkale University	Design and Simulation of Dynamic Voltage Regulator for Regulation of Voltage Disturbances Events
Alaa Iskandar Béla Kovács	University of Miskolc	Decentralized Control Algorithm for Efficient Power Management in Microgrids using Multi-Agent Systems
Sana Mekki Leila Sriti Azzedine Chettih Bidjad Arigue Giovanni Santi	University of Biskra	The Revalorization of The Technique of Rammed Earth in The North of The Algerian Sahara, (Case Ksar of Ain Madhi)
Christian Chijioke Amah Mercy Ebere Egelle Osmund Chukwuma Enechi Jacob Ikechukwu Okoro Ursula Chidimma Obelenwa	University of Nigeria Nsukka	Investigation of the Anti-inflammatory Activity and Nutritional Value of the Leaves of Calopogonium Mucunoides
Ismail Mert Özdemir Esra Aksoy Hüseyin Önlem Ersöz	Aydın Adnan Menderes University	A Study on Cultural Heritage Awareness: The Case of Karacasu
Nouioura Ghizlane Lyoussi Badiaa Derwich El Houssine	Sidi Mohammed ben Abdellah University	Optimization of a New Antioxidant Formulation Using a Simplex Lattice Mixture Design of <i>Apium graveolens</i> L., <i>Coriandrum sativum</i> L., and <i>Petroselinum crispum</i> M. Grown in Northern Morocco
Taner Sayim Elif Bayrakdar Şebnem Arlı M. Fatih Akay	Cukurova University	Delivery Time Prediction Using Supervised Machine Learning
Merve Kaplan	Gaziantep University	The Effect of Organizational Justice on Job Satisfaction and Performance: An Application On 5-Star Hotel Employees

(All speakers required to be connected to the session 10 min before the session starts)

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

29.04.2023 | SESSION-1 | HALL-6



Kyrenia Time: 09:00-11:00



Ankara Time: 09:00-11:00



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Assist. Prof. Dr. İsmail ACAR

Authors	Affiliation	Presentation title
Eyüp Debik Sümeysa Yaka	Yıldız Teknik University	Recovery of Industrial Wastewater in Organized Industrial Zones
Mohammed El Sallah Zagane Abdelmadjid Moulgada Abderahmen Sahli Abdelghani Baltach	University of Ibn Khaldoun Tiaret	Analyse Numerique Sur Le Comportement Mecanique Des Structures Reparees Par Patch
Melek Adışen Akilli Zeynep Yeşim Ilerisoy	Gazi University	Design Guidelines for High-Structures and Assessment of the Situation in Turkey
Seracchiani Marco Maurilio D'angelo Alessio Zanza Rodolfo Reda Valentina Bellanova Chiara Bramucci Dario Di Nardo Luca Testarelli	Sapienza University of Rome	A New Protocol for Endodontic Treatment, From In Vitro Studies to A Clinical Approach
Serap Sevgi Ünkaracalar Zeynep Yeşim Ilerisoy	Gazi University	Definition of Brand Architect Through Pritzker Architecture Prize-Winning Architects
Adefemi Aka Chikezirim Okoroafor Naomi U. Ijalija	Federal University of Technology	Assessing the Underlying Strategies for Effective Management of Job-stress in Nigerian Construction Projects
Seda Özkeçeci Ramazan Koç	Gaziantep University	Performance of Aluminum Air Battery for Different Demonstrated Cathodes
Teuta Starova Mirela P. Bogdani	University of Tirana	The Authoritarian Regime and Its Effects on Disappearance of Persons and Their Political Persecution - The Case of Albania from A Human Rights Approach
Seda Özkeçeci Ramazan Koç	Gaziantep University	Air Cathode and Gel Electrolyte Construction for Metal Air Batteries
Obiora Ebuka Muojama	Science and Engineering Unit,	Application of Polymeric Wastes as Corrosion Inhibitors: a Review
Gerta Kaçani Çeljana Toti Almiro Gurakuqi Etleva Qeli	University of Medicine	Prosthetic Dentistry After the Pandemic of Covid 19

(All speakers required to be connected to the session 10 min before the session starts)

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

29.04.2023 | SESSION-2 | HALL-1



Kyrenia Time: 11:30-13:30



Ankara Time: 11:30-13:30



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Assoc. Prof. Dr. Korkmaz BELLİTÜRK

Authors	Affiliation	Presentation title
Nural Karagözlü	Manisa Celal Bayar University	İklim Değişikliğinin Mikotoksin Riski Üzerine Etkisi
Mostafa Azad Mehrdad Karimimoshaver	Bu-Ali Sina University	Comparative study on the effect of different kinds of urban contexts blocks (traditional and modern) on using natural wind flow for creating thermal comfort in urban crossings (case Study: Kashan, Iran)
Husam Bawadiki Abdullah Yıldız Hayrettin Ahlatçı Ismail Esen	Karabük University	Fatigue properties for 3D printed PLA with carbon fibre
Mostafa Azad Mehrdad Karimimoshaver	Bu-Ali Sina University	The effect of the urban context forms on using natural wind flow for creating thermal comfort in urban crossings (The marginal cities of the deserts in Iran)
Süreyya Yiğit	New Vision University	Rose Revolution: Exoteric Red, or Esoteric Black, or Blue?
Vikram Singh Chouhan	Jaypee University of Engineering & Technology	Association Between Work-Life Balance And Job Satisfaction Of Employees
Nisrine Nouj Naima Hafid Noureddine El Alem Ingrid Buciscanu Amane Jada Igor Cretescu	“Gheorghe Asachi” Technical University of Iasi	Convention Of Fish Waste Into An Eco-Friendly Biosorbent For Dyes İn Aqueous Solution
Sajad A. Algazali Adhraa Baqir Hassan Ali Abid Abojassim Arshad Noori Al-dujaili Haider Salih Jaffat Alaauldeen Subhi Mohsin Al-Sallam	University of Kufa	Physiological Study for Effecting of Radon Gas on Estrogen Level of Female Rats
Seda Yapıcı Sunaç Züleyha Değirmenci	Gaziantep University	Investigation Of Recycling Methods Of Polypropylene Fiber Used In The Carpet Industry
Branimislav Radjenović Nikola Bošković Marija Radmilović-Radjenović	University of Belgrade	Simulation Of Microwave Tumor Abalton Based On Multiphysics Software Package

(All speakers required to be connected to the session 10 min before the session starts)

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29.04.2023 | SESSION-2 | HALL-2



Kyrenia Time: 11:30-13:30



Ankara Time: 11:30-13:30



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Assist. Prof. Dr. Erhan KAHYA

Authors	Affiliation	Presentation title
Marija Radmilović-Radjenović Nikola Bošković Branislav Radjenović	University of Belgrade	Finite Element Analysis Of The Efficiency Of Multislot Antenna In Microwave Tumor Ablation
Vivek M. Raut Sachin S. Bangade Harshada S. Gaikwad Shikhil S. Wanjari Divya L. Chouhan Manish M Katiya	G. V. I. of Science & Humanities	Synthesis and characterization of Mg-Ni nanosized spinal ferrite
Cumali Türkmenoğlu Bülent Bedir Rüzgar Ersin Kanar Zehra Sude Sarı Mehmet Fatih Akay	Cukurova University	Comparison Of Machine Learning And Monte Carlo Simulation Based Models For System Marginal Price Prediction
Onyeka Stanislaus Okwundu	Science and Engineering Unit	Progress in the development of cassava-based instant noodle food
Erhan Kahya Yasin Aslan	Tekirdağ Namık Kemal University	Determining The Position Of The Cucumber On The Seedling With Deep Learning For Robotic Cucumber Harvesting
Mirjana Nikolić Slađana Milenković Isidora Korać	College of Vocational Studies for preschool teachers and business IT specialists - Sirmium	Development Of Phonological Abilities At The Preschool Age
Bilal Taşdemir Necaattin Barışçı	Gazi University	Dynamic Image Scaling for Imbalanced Brain MRI Dataset
Mirjana Nikolić Slađana Milenković Isidora Korać	College of Vocational Studies for preschool teachers and business IT specialists - Sirmium	Education In The New World
Murat Kasaplar Ümran Tezcan Ün	Eskisehir Technical University	Pesticide Removal From Wastewater By Electro-Fenton Method
Sándor Földvári	Debrecen University	Serbian Orthodoxes And Greek Phanariots Under Ottoman Turkish Rule An The Balkans İn The 16-18 Centuries

(All speakers required to be connected to the session 10 min before the session starts)

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29.04.2023 | SESSION-2 | HALL-3



Kyrenia Time: 11:30-13:30



Ankara Time: 11:30-13:30



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Dr. Melis BALOĞLU

Authors	Affiliation	Presentation title
Handan Atalay Eroğlu Feryal Akbal Mevlüt Gürbüz	Ondokuz Mayıs University	Optimization of Textile Wastewater Treatment by TiO ₂ Based Photocatalysts
José Luis Vázquez-Burguete Ana Lanero-Carrizo César Sahelices-Pinto José Luis Vázquez-García José María Vázquez-García	University of León	A Prospective Study on the Willingness to Act and Sustainable Purchasing of Young Consumers
Eyüp Yıldırım Mustafa Engin	Ege University	Iot Supported Predictive Maintenance Application Using Machine Learning
Lien Thi Kim Phan	Nha Trang University	The Benefits of Mindfulness In Teaching Engagement for Teaching Effectiveness: A Literature Review
Ayşen Çakır	Bursa Uludağ University	Endoplazmik Retikulum Stresi Ve Alzheimer Benzeri Patoloji
Sujan Bandhu Chakraborty Pubalika Bhattacharya Maitra Solanki Chakraborty	Brainware University	Oer Repositories of Open Universities in India: A Study
Doğa Dinemis Aman Doğa Bitik	Özyegin University	Building Information Modeling for Assessment of Climate Adaptive Smart Campus Design
Vishwanath B. Awati Akash Goravar	Rani Channamma University	Semi-Numerical Analysis of Mhd Boundary Layer Flow of A Casson Fluid Over An Exponentially Shrinking Sheet Via Collocation Technique Using Shifted Chebyshev Polynomials
Melis Baloğlu	Istanbul Technical University	Calligrams, Infographics and Concept Maps to Represent Design Ideas in Architectural Education
Vishwanath B. Awatia Parashuram M. Obannavara	Rani Channamma University	Multigrid Method for The Solution of Thermal Elastohydrodynamic Lubrication Point Contact Problem with Surface Asperities

(All speakers required to be connected to the session 10 min before the session starts)

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29.04.2023 | SESSION-2 | HALL-4



Kyrenia Time: 11:30-13:30



Ankara Time: 11:30-13:30



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Assist. Prof. Dr. Fatih TAŞ

Authors	Affiliation	Presentation title
Zehra Zeynep Sahinbasoglu Elif Tuna Atif Evren	Yıldız Teknik University	Comparison of Shannon, Renyi, Tsallis Mutual Information in Detecting Nonlinearity
Arnab Mahajan Pubalika Bhattacharya Maitra	University of Calcutta	Post-Pandemic Times of Covid-19 and Role of Libraries: A Study of Goethals Indian Library and Research Society; Kolkata
Şener İlter Bahar Burtan Doğan	Dicle University	Türkiye'de Savunma Harcamaları İle Ekonomik Büyüme Arasındaki İlişki
Mersiha Kolčaković Mirela Vasić-Hadžihalilović	Herzegovina University	Challenges of Curriculum Reform in the Canton of Sarajevo, Bosnia and Herzegovina from Parents' Perspectives
Sara Shokrpoor Samansa Salehi	University of Tehran	Cutaneous Myxoma in A Dog
Kashish Garg Shreyash Singhal	Aligarh Muslim University	Cannabis Legalization
Gözde İlhan Semra Aki Mustafa Yeşilyurt	Amasya University	Kesirlerle Toplama ve Çıkarma İşleminde Teknolojik Materyalin İlkokul 4. Sınıf Öğrenci Başarısına Etkisi
Alexandrov V.S.	Kazan National Research Technical University	Application of intelligent systems in the design of production systems
Beytullah Bahadır Duyar Ali Kemal Altaş Mustafa Yeşilyurt	Amasya University	Effect of Geogebra Software on Students' Academic Achievement on Ordering and Comparison of Fractions
Talha Usman	University of Technology and Applied Sciences	Analysis of Generalized Bessel-Maitland Function and Its Properties
Fırat Aşır Fikri Erdemci Fatih Taş	Siirt University	The Effect of Post-Graft Gallic Acid in Rats with Calvarial Defect
Fatih Taş Fikri Erdemci Fırat Aşır	Siirt University	Effect of Ellagic Acid on Alveolar Nerve Damage

(All speakers required to be connected to the session 10 min before the session starts)

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29.04.2023 | SESSION-2 | HALL-5



Kyrenia Time: 11:30-13:30



Ankara Time: 11:30-13:30



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Assist. Prof. Dr. Seda Dilay

Authors	Affiliation	Presentation title
Tuğba Atagün Mustafa Yeşilyurt	Amasya University	Evaluation of Preschool Children's Performance of Technological Material with Puzzle Creation for the Acquisition of The Part-Whole Relationship
Seden Turamberk Özerden Zeynep Dumanoğlu	Girne American University	Edible Plants of Northern Cyprus Within the Scope of Cultural Heritage Tourism
Füsun Gülsler Arzu Çığ	Siirt University	Improving of Growth and Quality Characteristics of Ornamental Plants with Selenium Treatments: A Review
Eze, Solomon Uchechukwu Cosmas Anayochukwu Nwankwo Ezeanolue Ekwutosi Theresa Nnebe Ekwutosi Gloria Chendo Nkoli Augustina	Nnamdi Azikiwe University Awka Anambra state	Entrepreneurship Education and Human Capital Development: Nexus from Nigerian Perspective
Kartal Demircüneş	Niğde Ömer Halisdemir University	Retail Cash Conversion Cycle and Profitability New Evidence from A Cointegration Test with Multiple Structural Breaks for Turkey
Ziad Shakeeb Al Sarraf	University of Mosul	Design A Horizontal Axis Wind Turbine Blades Based on Inspiration of Biomimicry for Whale Tubercles
Sevinç Özcan Mehmet Dağlı	Amasya University	R-Circulant Matrices with Fibonacci-Like Number Entries
P. Abitha Pl. Meenakshi	Avinashilingam Institute for Home Science and Higher Education for Women	αJ^{**} -Separation axiom in Topological Spaces
Özge Nur İşler Dülger Altiner	Kocaeli University	Digital Footprint in Tourism Industry
Tawseef Ahmad Mahesh Lokhande	Bharat Institute of Engineering and Technology	Using Machine Learning to Predict Mental Health Trends Post Covid-19 Pandemic In Conflict Settings
Ishwari Shrawan Bhoi Manushree Makarand Chopdekar Yashodip Rajaram Ahire	Department of Environmental Science	Assessment of Air Quality During Covid 19 Period with Reference to Nashik City of India

(All speakers required to be connected to the session 10 min before the session starts)

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29.04.2023 | SESSION-2 | HALL-6



Kyrenia Time: 11:30-13:30



Ankara Time: 11:30-13:30



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Assoc. Prof. Dr. Levent COŞKUNTUNA

Authors	Affiliation	Presentation title
Habeeb Olaniyi Olayiwola	The Federal Polytechnic	Achievement of A Favourable Balance of Payment: The Role of Monetary Policy in Nigeria
P. Charumathi Pl. Meenakshi	Avinashilingam Institute for Home Science and Higher Education for Women	δ J-Irresolute Functions in Topological Spaces
Betul Yildiz Salli	Bursa Technical University	The Attitudes of Female and Male Employess Working in The Industrial Sector Towards Gender Roles
Shravani Kailas Mansi Narendra Pardeshi Yashodip Rajaram Ahire	Department of Enviornment Science	Bioremediation of Marine Oil Spiils
Özge Uçar Sipan Soysal Abdurrahim Yilmaz	Siirt University	Importance of Harvest Time in Field Crops
"Harshada Girish Chaudhari Jdipti Kailas Pawar Sanika Bhaskar Bagade Tejal Ramdas Tuplondhe Sakshi Dnyaneshwar Mandale Siddhi Dattatraya Dhage Sarala Radhakrishna Shirasath "	Department of Environmental Science	Systematic Review of Importance of Environment Education in New Education Policy of India
Abdurrahim Yilmaz Özge Uçar Sipan Soysal	Siirt University	The Importance of Cooperativization in The Agricultural Sector
Mina Todorova Miglena Milusheva Lidia Kaynarova Deana Georgieva Vassil Delchev Yulian Tumbarski Stoyanka Nikolova	University of Plovdiv Paisii Hilendarski	Silver Nanoparticles – A New Insight Into Indandiones
Sipan Soysal Özge Uçar Abdurrahim Yilmaz	Siirt University	Investigation Of Some Agricultural Characteristics In Field Crops Breeding Studies

(All speakers required to be connected to the session 10 min before the session starts)

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29.04.2023 | SESSION-3 | HALL-1



Kyrenia Time: 14:30-16:30



Ankara Time: 14:30-16:30



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Assist. Prof. Dr. Yusuf DİLAY

Authors	Affiliation	Presentation title
Deniz Aydoğan Gülcan Demiroğlu Topçu	Ege University	Establishment of Football Turf
P.H. Najafguliyeva I.N. Gasimova	Scientific Surgical Center named after Topchibashev	Modern Prevention of Relapses of Gastroduodenal Hemorrhage
Yusuf Dilay Adem Özkan	Karamanoğlu Mehmetbey University	Ergonomic Analysis of Working Postures of Workers in Machine Shop
Hoai T. Bui	Nha Trang University	Counterfeit Brand Shoes and Purchase Intention in Vietnam- Is Morality Factor Significant Enough to Mitigate The Problem?
Sümeyye Erdem Yusuf Dilay Adem Özkan	Karamanoğlu Mehmetbey University	Strength Analysis of Levelling Shovel Used in Tillage by Finite Element Analysis
Vaibhav Kant Singh	Central University	New Classification Using Nlp Technique
Seda Dilay	Karamanoğlu Mehmetbey University	Alternative Forming Methods in Ceramic Art
Hassane Abd-Dada Said Bouda Abdelmajid Haddiou	Sultan Moulay Slimane University	Genetic Diversity of Medicinal Plant (Euphorbia Resinifera O. Berg) Using Morphological Traits and ISSR Markers
Seda Dilay	Karamanoğlu Mehmetbey University	Critical and Analytical Approaches in Art
Vaishnavi Ramdas Karve Janhavi Motiram Jondhale Jayashri Dattatray Jamdade Priyanka Santosh Garud Kaveri Vijay Mulane Gayatri Anil Kandekar Jayashri Sanjay Thorat	Department of Environmental Science	Assessment of Current Scenario of Air Quality Index in Selected Cities of India"
Semih Sağlık	Siirt University	Covid-19 Hastalarında Toraks Bilgisayarlı Tomografi (Bt) Bulguları İle Vücut Kitle İndeksi (Vki) Arasındaki İlişki

(All speakers required to be connected to the session 10 min before the session starts)

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29.04.2023 | SESSION-3 | HALL-2



Kyrenia Time: 14:30-16:30



Ankara Time: 14:30-16:30



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Assist. Prof. Dr. Fatma ERTAŞ

Authors	Affiliation	Presentation title
Ecehan Yıldırım Onur Sevli	Burdur Mehmet Akif Ersoy University	Importance, Impact and Future Potential of Extended Reality Applications in The Metaverse
Léa Blandine Mbouilou Ndoulou	Denis Sassou N'guesso University	Black Women Revolt in the Struggle for Freedom: An Exploration of Toni Morrison's Fiction
Naile Mısırlıoğlu	Gaziosmanpaşa Eğitim ve Araştırma Hastanesi Biyokimya Uzmanı	Biyokimyasal Bakışla Transfüzyon Merkezi Donanım Ekipman Kritik Stok Seviyesi Değerlendirmeleri
Skender Demaku Donika Sylejmani Arbnorë Aliu	University of Pristina "Hasan Prishtina"	Heavy Metal Status of Soil and Underground Water in Urban Area of Pristina District, Kosovo
Selcuk Dogru Utku Akkaya Mehmet Battal Ferit Cakir	Gebze Technical University	Structural Performance and Analysis of Triangular Prismatic Facade Cladding Systems
Vaibhav Kant Singh	Central University	Video Forgery Detection Using K-Means Clustering Algorithm
Hasan Sungur Civelek E. Mennan Yıldırım Mehmet Fatih Tolga	Muğla Sıtkı Koçman University	Baseline Monitoring of Cacopsylla pyricola (Hem.: Psyllidae) When Tested Against Spinetoram
Vaibhav Kant Singh	Central University	Predicting Heart Risk Level -Multivariable Linear Regression
Hasan Sungur Civelek E. Mennan Yıldırım Mehmet Fatih Tolga	Muğla Sıtkı Koçman University	Baseline Monitoring of Frankliniella occidentalis Pergande (Thysanoptera: Thripidae) When Tested Against Spinetoram
Priya J Jaya Varsha	Deemed to be University	The Importance of Cognitive Psychology in Our Daily Lives
Pavishna A M Deeksha R Nikitha G Praveen Kakada	Vellore Institute of Technology	The Influence of Deviant Behaviour and Trust on Employee Productivity
Sinchana S Sagaya Aurelia	Christ University	A Comparison Analysis of Simulation Tools for Internet of Things

(All speakers required to be connected to the session 10 min before the session starts)

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29.04.2023 | SESSION-3 | HALL-3



Kyrenia Time: 14:30-16:30



Ankara Time: 14:30-16:30



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Assist. Prof. Dr. Emre AKÇAY

Authors	Affiliation	Presentation title
Nurgül Özdemir Özlem Özdemir	Izmir Democracy University	Gender Towars Men
Tien Dung Khong Nguyen Thuy Huynh Nguyen Thanh Thuy Vu Thuy Duong	Can Tho University	Applying The Gap Model of Service Quality to Assess Individual Customer Satisfaction with Atm Card Services of Mb Bank Can Tho City Branch in Vietnam
Samarjit Roy Debashis De	D Y Patil International University	Computational Musicology in Society 5.0
O. A. Lykholt T. Y. Lykholt M. O. Kvitko Y. V. Lykholt Oleh M. Marenkov	University of Customs and Finance	Possibilities of Introducing Plants of The Dnipro Steppe
Shitu, S. Salihu, K. N. Shehu, I.	Federal University Dutsin-Ma	Bacteriological Quality Assessment of Commonly Used Cosmetic Brands in Kaduna Metropolis, Kaduna, Nigeria
Cornelia Nichita	University of Bucharest	In-Vitro Antioxidant Activities of The Selective Extracts of Plantago Lanceolata L. Obtained by Supercritical Fluid Extraction
Mohammed Alaa Alwafaie	The University of Miskolc	Harvesting Pedal Energy for Automotives (HPE)
Dmytro Hanaba	Khmelnytskyi National University	Vitality of trees in the conditions of urbogenic environment
Ansam Yaroub Khyoon Mayada Zuhair	University of Baghdad	The Depiction of Mesopotamian Queens in Children's Literature
Shafiq Ur Rehman Mujahid Ali Malik Muhammad Akram Habibullah Habib Muhammad Mohsan	Water Management Training Institute	Bridging Gender Gaps in Agriculture: Unlocking Rural Development in Pakistan
Ghina Jazila	State Islamic University K.H Abdurrahman	Analysis of the Application of the Principles of Islamic Business Ethics at Daddy Bro Coffeshop Tulis Batang District
Dalila Khalfa Oussama Meghlaoui Abdelouahab Benretem	Annaba University	Optimized The Prediction Fatigue Life of Wind Turbine Blade Under Hygrothermal Conditions

(All speakers required to be connected to the session 10 min before the session starts)

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29.04.2023 | SESSION-3 | HALL-4



Kyrenia Time: 14:30-16:30



Ankara Time: 14:30-16:30



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Dr. Leila İMANPARAST

Authors	Affiliation	Presentation title
Svitlana Hanaba	Khmelnitskyi National Academy of the State Border Guard Service of Ukraine Khmelnitskyi	Education As a Space for Personal Development
Jelena Lutovac Mladen Milić	Megatrend University	Marketing Activities and Financial Management in Companies with Internal Control Mechanisms for The Example of The Republic of Serbia
Mladen Milić Jelena Lutovac	Megatrend University	The Use of Internal Audit as A Form of Control in Creating and Managing the Marketing and Financial Management of Numerous Various Companies in Developing Countries
Principal Res.Fell Ivan Pavlovic	Scientific Institute of Veterinary Medicine of Serbia	First Ooccurrence of Cat Lice Felicola Subrostrata in Cats in The Belgrade Area
Yassir Soulaímani Nehéz Károly	University of Miskolc	Decentralized Ledger Database Management Through Blockchain Technology Utilizing Crypto Hash Algorithms
Vidya Sunil Kadam	Rajarambapu Institute of Technology Affiliated to Shivaji University Maharashtra	Analytical Study of Savings and Investment Patterns of Cooperative Industry Workers
Sinchana S Sagaya Aurelia	CHRIST University	A Comparison Analysis of Simulation Tools for Internet of Things
Rehman Khan Hasnain Saleem	Swedish College of Engineering and Technology Wah	Design and Fabrication of Wheat Straw Pressing Machine
Samuel Akpadiagha Etuk	Akwa Ibom State Polytechnic	Nigeria's Electoral Act 2022: The Novel Innovations and Recent Judicial Interpretations
Madhuri Sharon Anuradha Pandey-Dubey Jayashree Shukla	Parishkar College of Global Excellence	Waste Derived Carbon Nanofiber for Water Purification
Drita Yzeiri Havziu Arlinda Haxhiu Zaimi Edita Alili Idrizi Merita Dauti Sihana Ameti Lika Lulzime Balazhi Arlinda Tefiki	University of Tetova	Cardiotoxicity of Antidepressants
Sara Shokrpoor Siavash Shahsavari	University of Tehran	Cutaneous Fibrosarcoma in A Persian Cat

(All speakers required to be connected to the session 10 min before the session starts)

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

29.04.2023 | SESSION-3 | HALL-5



Kyrenia Time: 14:30-16:30



Ankara Time: 14:30-16:30



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Assoc. Prof. Dr. Harun BEKTAŞ

Authors	Affiliation	Presentation title
Vidya Kadam Aniket Chougule	Rajarambapu Institute of Technology	A Study on Impact of Employability Skill on Career Development of college students
Manita Matharu	Amity School of Business, Amity University	Understanding Green Brand Equity
David Wortley	Vice President of the International Society of Digital Medicine	21st Luddites and Etidduls in the 4th Industrial Revolution
Marici Marius Carmen Marici Remus Runcan Patricia Runcan	Stefan cel Mare University	Parental Abandonment as a Trigger for Shame and Guilt in Adolescents?
Abhishek Anand Sagaya Aurelia	Deemed to be University	Internet of Things Based Patient Health Monitoring System
Kayode David Ileke Abiola Elizabeth Olaposi	Federal University of Technology	Suppression of Rust red flour beetle, <i>Tribolium castaneum</i> Herbst [Coleoptera: Tenebrionidae] with two <i>Ocimum</i> species powders on wheat grains
Devayani J. Meenakshi P.L	Department of Mathematics	J*P-Irresolute Functions in Topological Spaces
M. K. Ganeshan	Alagappa University	The Impact of Chatgpt in Human Resource Management
Swaroopa Rani gurram Mohammed Afzal Azam	Vikas College of Pharmaceutical Sciences	Design, Synthesis, Molecular Docking Studies of Some Newer Benzothiazole Containing Aryl and Alkaryl Hydrazides
Asha Devi. J K. S Chandrasekar	University of Kerala	Greening of The Kerala University Campus-Agriculture and Horticulture to The Fore
Omar Mardenli Hussam Aryan	University of Aleppo	Contributions of Genetic Engineering in Raising the Efficiency of Genetic Selection in Livestock
Pham Duc Thuan Pham Thi Phuong Linh	Can Tho University	Diplomatic Relations Between Vietnam and Campodia From 1997 To 2022
Muhammad Faisal	Ministry of Human Rights	Dr. Faisal Director (Hirms/Ismohr) Carried Out That Ai Modules in Pakistan Like Moderate Nations It Is Significant Prerequisite for The Development of Pakistan

(All speakers required to be connected to the session 10 min before the session starts)

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29.04.2023 | SESSION-3 | HALL-6



Kyrenia Time: 14:30-16:30



Ankara Time: 14:30-16:30



Meeting ID: 869 2364 3653 / Passcode: 282930

HEAD OF SESSION: Dr. Tuba BEŞEN

Authors	Affiliation	Presentation title
Oyewo Isaac. O	Federal College of Forestry	Technical Efficiency Differentials of Maize Farmer's Productivity in Oyo State, Nigeria
Inass Hamdi	Ibn Tofail University	Anaerobic Digestion of Olive Oil Mill Waste: Inoculum/Substrate Ratio For Biogas Production
Coffi Martinien Zounhin Toboula	University of Abomey Calavi	Unpacking the Impacts of Educational Technology on Beginner Learners' Dispositions Toward EFL Pedagogy at Tanguiétá Secondary School in Benin
Dékandé Sylvestre Tchagnonhou Coffi Martinien Zounhin Toboula	Djibo Hamani University of Tahoua	Exploring Effective Strategies For Managing Classroom Conflicts: A Study On The Importance Of Conflict Management For Enhancing Classroom Interaction
Arben Tërstena Gazmend Deda Sokol Krasniqi Ismail Mehmeti	University of Applied Sciences in Ferizaj	The Consequences of The Pandemic on Businesses As Carriers of Economic Development– Evidence From Kosovo
Subhashish Dey	Gudlavalleru Engineering College	Study on Biosorbents for The Removal of Chloride Ion from Water
Keyvan Asefpour Vakilian	Gorgan University of Agricultural Sciences and Natural Resources	A Glucose Biosensor Using Mediated Electrochemistry of P-Benzoquinone and Glucose Oxidase and Machine Learning
Vidya Padmakumar Murugan Shanthakumar	Bangalore University	The Impact of Climate Change on Marine Kelp Forests and Their Ecosystem Services
Kaberi Pramanik Isha Samal	Banasthali University	Various Ways of Waste Management
Ismayil Alizada	Lenkeran Devlet University	Assessment of the Current State of Tourism Development in the Regions
Ugwu Obiora Celestine Felix Keneolisa Asogwa Ali Ibeabuchi Jude	Enugu State University of Science and Technology Agbani	Antidiarrheal Activity of Ethanol Leaf Extract of Polyalthia Longifolia on Rat Models
Kunal Gunjal Suraj Surkutla Vinay Ankushe Varad Kulkarni Prutha Kulkarni	Vishwakarma Institute of Information Technology	Design and Development of A Generic Iot Gateway
Gülşah Bengisu Seyithan Seydoğlu	Harran University	Silage Notes: Fermentation & Mycotoxin Ecology and Sequencing Tools

(All speakers required to be connected to the session 10 min before the session starts)

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

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Kaydediliyor... Kalan: 09:44:51

Observer - Hall 4

Hall 4 Merve Oyuktaş Hall 4- ÖZGE TOPÇU DE...

S1-H4 Chems Eddine BO...

Katılımcılar (14)

- O- Obser... (Ortak oturum sahibi, ben)
- H4 Hall 4 - Alya
- Session-1, Hall-4 Levent YORULMAZ
- Hall 4 - Jean B. Garcia
- H4 Hall 4 - Konrad Manurung
- H4 Hall 4 Merve Oyuktaş
- H4 Hall 4 - Jean B. Garcia
- Ç Hall 4 - Neşe Altınçekiç
- H4 Hall 4 - ÖZGE TOPÇU DEMİRCAN
- H4 Hall 4-Hendra
- HM Hall-4 Mustafa Karagüllü-Eskişehir Y...
- Konstantinus Budi
- MT Manotar Tampubolon (UKI Jakarta)
- SC S1-H4 Chems Eddine BOUKHEDIMI

Tümünü Sessize Al Daha fazia ▾

Kaydediliyor... Kalan: 08:42:39

Observer - Hall 4

Hall- 4 ,Drita Yzeri Hav... Hasnain Saleem S3 H4

Katılımcılar (5)

- O- Obser... (Ortak oturum sahibi, ben)
- S S3 H4 Sara Shokpoor
- H4 Hall- 4 ,Drita Yzeri Havziu
- HS Hasnain Saleem S3 H4
- SD S3,H4 Dr Ivan Pavlović

Tümünü Sessize Al Daha fazia ▾

The mass was approximately 8x10x2 mm in size.
It was well circumscribed, lobulated, firm and white to yellow.
Tissue samples were fixed in 10% neutral buffered formalin, routinely processed, and sectioned at 5 µm in thickness.
Stained with H&E and Masson's trichrome.
Immunohistochemical studies were performed using Vimentin, SMA and Desmin.

PHOTO GALLERY

Observer - H...   Hall 4 Merve... S1-H4 Chem... >

Kalan: 09:25:28

Katılımcılar (14)

Ara

Obse... (Ortak oturum sahibi, ben)   

MT Manotar Tampubolon (UKI Jakarta)   

H4 Hall 4- Jean B. Garcia   

H4 Hall 4 - Alya   

H4 Hall 4 - Jean B. Garcia   

H4 Hall 4 - Konrad Manurung   

H4 Hall 4- Merve Oyuktaş   

C Hall 4- Neşe Altınkeçik   

H4 Hall 4- ÖZGE TOPÇU DEMIRCAN   

H4 Hall 4-Hendra   

Hall 4-Konstantinus Budi (UKI Jakarta)   

Mulyono (UKI Jakarta)   

SC S1-H4 Chems Eddine BOUKHEDIMI   

Session-1, Hall-4 Levent YORULMAZ   

Tümünü Sessize Al Daha fazla ▾

Indonesia Corruption Perception Index 2022

Score 34 Rank 110

Standard error: 1.78 | Lower CI: 31 | Upper CI: 37

Transparency International

Very Clean

Highly Corrupt

10

Observer - H...  Hasnain Saleem S3 H4 Hall- 4 ,Drita... hall - 4 Anura... >

Kalan: 09:52:51

Katılımcılar (7)

Ara

Obser... (Ortak oturum sahibi, ben)   

SD S3,H4 Dr Ivan Pavlović   

h hall - 4 Anuradha Dubey   

H4 Hall - 4,Drita Yeri Havziu   

HS Hasnain Saleem S3 H4   

S3 H4 Engr Rehman Khan   

S3 H4 Sara Shokrpoor   

Click to add notes

Slide 2 of 12 Shimmer English (United States)

The domestic cat as a pet originates from a species similar to the Libyan forest cat, a rare type of cat, and belongs to the first domesticated animal and is much older than the dog because it has lived with humans for at least 9 million years.

Cats have a great ability to learn and remember, which they use primarily for information that is of some use to them. These include, first of all, her favorite food, the place where the water bowl and litter box, the most comfortable place to sleep and the place where her favorite toy is.



ABSTRACTS

**AVRUPA BİRLİĞİ VE TÜRKİYE'NİN, MALİ İŞBİRLİĞİ ÜZERİNE BİR
DEĞERLENDİRME**

Dr. Öğr. Üyesi Şahin AY Orcid ID: 0000-0002-3036-2155

Siirt Üniversitesi Kurtalan Meslek Yüksekokulu

E-mail: sahinay@siirt.edu.tr

Özet

Yirmi yedi ülkeyden oluşan Avrupa Birliği, dünya ekonomisi için son derece önem arz etmektedir. Hem birlik içerisindeki ülkeler arasındaki mali yardımlaşma hem de üyelik başvurunda bulunan ülkelere yapılan mali yardımlar ekonomi kapsamında tartışılmaktadır. Avrupa Birliği'nin önemli amaçları arasında ortak bir pazarın kurulması ekonomi politikalarının üye ülkeler içerisinde birbirleriyle uyumlaştırılması yer almaktadır. Bu doğrultuda Avrupa Sosyal Fonu kurulmuştur. Türkiye'nin Avrupa Birliği ile olan ekonomik ilişkilerini iki döneme ayırmak mümkündür. Bu dönemlerden ilki adaylık öncesi mali yardımların yapıldığı dönemdir. Bu süreç 1964-1999 arasındaki yılları kapsamaktadır. İkinci dönem ise 2000 yılından günümüze kadar olan adaylık sonrası dönemdir. Mali yardımların önemli bir kısmı Avrupa Birliği tarafından verilen krediler ve hibeler olarak karşımıza çıkmaktadır. Süreç içerisinde özellikle IPA kapsamında uygulanan mali yardımlar oldukça önemlidir. Mali yardımların müktesebat uyumu, uyum için idari kapasite ile ekonomik ve sosyal uyum projeleri temelinde hibeler verilmektedir. Mali yardımlar konusunda bir takım eksikliklerin olduğu da değerlendirilmiştir. Bu hususta Avrupa Birliği'nin ekonomik yapısını iyi bilmek, AB mevzuatına hâkim olmak ve açılan ilanlar kapsamında hareket etmek gerekmektedir. Yine mali protokoller, tamamlayıcı protokol ve özel mali işbirliği çerçevesinde alınan mali yardımların incelenmesi önemlidir. Üzerinde durulması gereken bir diğer durum ise 2021-2027 dönemini kapsayan IPA III. döneminde belirlenen yaklaşık 14 milyar euroluk bütçenin adil paylaşımından kaynaklı olacak biçimde yararlanılmasının sağlanmasıdır.

Anahtar Kelimeler: Avrupa Birliği, Mali Yardım, IPA

AN ASSESSMENT ON THE EUROPEAN UNION AND TURKEY FINANCIAL COOPERATION

Abstract

The European Union, consisting of twenty-seven countries, is extremely important for the world economy. Both the financial assistance between the countries in the union and the financial aids to the countries applying for membership are discussed within the scope of economy. Among the important objectives of the European Union is the establishment of a common market and the harmonization of economic policies within the member states. Accordingly, the European Social Fund was established. It is possible to divide Turkey's economic relations with the European Union into two periods. The first of these periods is the period in which financial aids are made before the candidacy. This process covers the years between 1964-1999. The second period is the post-candidacy period from 2000 to the present. A significant part of the financial aids appear as loans and grants given by the European Union. In the process, especially the financial aids applied within the scope of IPA are very important. Grants are awarded on the basis of financial aid alignment with the *acquis*, administrative capacity for harmonization, and economic and social cohesion projects. It has also been evaluated that there are some deficiencies in financial aids. In this regard, it is necessary to know the economic structure of the European Union well, to have a good command of the EU legislation and to act within the scope of the announcements. It is also important to examine the financial aids received within the framework of financial protocols, complementary protocols and special financial cooperation. Another situation that needs to be emphasized is the IPA III, which covers the 2021-2027 period. It is to ensure that the budget of approximately 14 billion Euros determined in the period of

Keywords: European Union, Financial Aid, IPA

**DOĞAL MANTAR TÜRLERİNDE ANTİOKSİDAN KAPASİTESİNİN MARS
ALGORİTMASI İLE TAHMİNİ**

Prof. Dr. Yusuf UZUN (Orcid ID: 0000-00002-5438-8560)

Van Yüzüncü Yıl Üniversitesi, Eczacılık Fakültesi, Meslek bilimleri Bölümü, Van

E-mail: y.uzun@yyu.edu.tr

Doç. Dr. Şeyda ÇAVUŞOĞLU (Orcid ID: 0000-0001-8797-6687)

Van Yüzüncü Yıl Üniversitesi, Ziraat Fakültesi, Bahçe Bitkileri Bölümü, Van

E-mail: scavusoglu@yyu.edu.tr

Dr. Nurettin YILMAZ (Orcid ID: 0000-0003-0655-5165)

Van Yüzüncü Yıl Üniversitesi, Ziraat Fakültesi, Bahçe Bitkileri Bölümü, Van

E-mail: nrtnylmz47@gmail.com

Öğr. Gör. Sedat KESİCİ (Orcid ID: 0000-0002-0284-1247)

Hakkâri Üniversitesi Yüksekova Meslek Yüksekokulu Bitkisel ve Hayvansal Üretim Bölümü,
Hakkâri

E-mail: sedatkesici@hakkari.edu.tr

Dr. Öğr. Üyesi İsmail ACAR (Orcid ID: 0000-0002-6049-4896)

Van Yuzuncu Yıl Üniversitesi, Başkale Meslek Yüksekokulu, Organik Tarım Programı, Van

E-mail: iacar2011@gmail.com

Dr. Öğr. Üyesi Mustafa Emre AKÇAY (Orcid ID: 0000-0002-9215-3383)

Van Yüzüncü Yıl Üniversitesi, Fen Fakültesi, Biyoloji Bölümü,

E-mail: memreakcay@yyu.edu.tr

Dr. Öğr. Üyesi CEMİL SADULLAHOĞLU (Orcid ID: 0000-0002-0442-9045)

Şırnak Üniversitesi, İdil Meslek Yüksekokulu, Veterinerlik Bölümü,

E-mail: csadullahoglu@yandex.com

Özet

Mevcut çalışmada, Soğanlı yaylasında (Kars/Sarıkamış) toplanan *Lepista nuda* (Bull.) Cooke, *Hypholoma*, *Agaricus* sp., *Paxillus involutus* (Batsch) Fr., *Suillus luteus* (L.) Roussel, *Marasmius oreades* (Bolton) Fr., *Lyophyllum* sp., *Hebeloma* sp. ve *Lactarius* spp toplam dokuz adet yenilebilir mantar türü toplandı. Çalışmanın amacı mantar türlerinde toplam fenolik ve

antioksidan kapasitesi içerik analizleri yapılarak elde edilen sonuçların, çok değişkenli uyarlanabilir regresyon uzanımları (MARS) algoritması aracılığıyla mantarlarda bağımlı ve bağımsız değişkenlerin antioksidan kapasitesi üzerine etkisini ortaya koymaktır. Çalışmadan elde edilen bulgulara göre, en yüksek antioksidan kapasitesi sırasıyla 62.12 (*Marasmius oreades*), 60.45 (*Paxillus involutus*), 42.40 (*Suillus luteus*), 38.68 (*Lyophyllum* sp.), 28.47 (*Agaricus* sp.), 25.77 (*Repsida nuda*), 24.65 (*Hebeloma* sp.), 22.34 (*Lactarius* sp.) ve 13.79 $\mu\text{mol TE g}^{-1}$ ile *Hypholoma* türünde tespit edildi. Ayrıca, MARS algoritmasına göre *Marasmius oreades* ve *Paxillus involutus* mantar türlerinin antioksidan kapasitesi üzerinde artan bir değere sahip olmasının yanı sıra artan değerlerde toplam fenolik içeriğinin de antioksidan kapasitesi üzerinde pozitif bir etkiye sahip olduğu gözlemlendi.

Anahtar Kelimeler: Doğal mantar türleri, toplam fenolik içeriği, antioksidan kapasitesi, MARS

Bu çalışma Van YYÜ Bilimsel Araştırma Projeleri Koordinasyon Birimi (BAP) tarafından **FBA-2022-9963** no'lu proje olarak desteklenmiştir.

**ANTIOXIDANT PROPERTIES AND PHENOLIC COMPONENTS IN THE LEAF OF
ISABELLA GRAPE (*Vitis labrusca L.*)**

Assoc. Prof. Dr. Meltem UÇAR (Orcid ID: 0000-0001-5554-2622)

European University of Lefke, Faculty of Pharmacy, Department of Pharmacy, Northern
Cyprus, TR-10 Mersin
E-mail: mucar@eul.edu.tr

Res. Assit. Yakup KARA (Orcid ID: 0000-0003-3121-5023)

Karadeniz Technical University, Faculty of Science, Department of Chemistry, Trabzon
E-mail: yaakupkara@gmail.com

Prof. Dr. Sevgi KOLAYLI (Orcid ID: 0000-0003-0437-6139)

Karadeniz Technical University, Faculty of Science, Department of Chemistry, Trabzon
E-mail: skolayli61@yahoo.com

Abstract

Izabella grape (*Vitis labrusca L.*) is one of the endemic grape species of the Black Sea region, and the leaves of this species, which are called fragrant grapes, are used for cooking, and wrapping. In this study, the antioxidant properties and phenolic composition of Isabella grape leaves, collected from Akçaabat of Trabzon, Turkey were investigated. The Total Phenolic Content (TPC), Total Flavonoid Content (TFC), total antioxidant capacity and phenolic profile of the 70% ethanolic extracts of dried fresh grape leaves were examined. As a result of the HPLC-PDA analysis with 25 phenolic components including resveratrol, the resveratrol was not detected in the extract, but ellagic acid and rutin were determined as the major phenolic components. In addition, chromogenic acid, luteolin, quercetin, chrysanthemum, pinocembrin, apigenin, and p-OH benzoic acid were determined in a lower concentration. The average TPC and TFC values of grape leaf extracts were measured as 23.327 ± 0.049 mg GAE/g and 2.598 ± 0.105 mg QUE/g respectively. The total antioxidant capacity of grape leaf extracts was measured in terms of Ferric Reducing Antioxidant Power (FRAP) and 2,2-Diphenyl-1-picrylhydrazyl (DPPH) radical scavenging activity and was found to be 215.501 ± 1.326 $\mu\text{mol Fe}_2\text{SO}_4 \cdot 7\text{H}_2\text{O/g}$ and 0.299 ± 0.011 mg/mL, respectively. As a result, Izabella grape leaf was determined as a food with high antioxidant capacity and high antioxidant properties.

Keywords: Izabella grape, leaf, *Vitis labrusca L.*, antioxidant, ellagic acid, rutin

**TÜRKİYE'DE SATIŞA SUNULAN MASAJ YAĞLARINDA AĞIR METAL
KONTAMİNASYONU VE MİKROBİYOLOJİK KALİTENİN ARAŞTIRILMASI**

Ali ÖZTÜRK

Afyon Kocatepe Üniversitesi Veteriner Fakültesi, Biyokimya Anabilim Dalı, Afyonkarahisar,
Türkiye

E-mail: fast_young_zeek@hotmail.com

Doç. Dr. Recep KARA (Orcid ID: 0000-0002-9257-7506)

Afyon Kocatepe Üniversitesi Veteriner Fakültesi, Gıda Hijyenı ve Teknolojisi Anabilim,
Afyonkarahisar, Türkiye

E-mail: recepkara83@hotmail.com

Prof. Dr. A. Fatih FİDAN (Orcid ID: 0000-0003-1443-9025)

Afyon Kocatepe Üniversitesi Veteriner Fakültesi, Biyokimya Anabilim Dalı, Afyonkarahisar,
Türkiye

E-mail: ffidan@aku.edu.tr

Özet

Bu araştırmada, rastgele örneklem metoduyla seçilen farklı firmalara ait ve farklı özleri içeren 10 adet, ISO9001 standardına sahip, aromatik masaj yağıının ağır metal içeriği ve mikrobiyolojik kontaminasyon düzeylerinin belirlenmesini amaçlanmıştır. Ağır metal düzeylerinin belirlenmesinde ICP-MS teknigi kullanılmıştır. Mikrobiyolojik kontaminasyonun belirlenmesi amacıyla, aerobik mezofil genel bakteri, maya ve küp sayımı, Enterobacteriaceae, koliform bakteri sayımı, *Escherichia coli* sayımı, Staphylococcus-Micrococcus varlığı analizleri gerçekleştirilmiştir. Masaj yağılarında gerçekleştirilen analizlerde hiçbir örnekde Maya/Küp, Koliform Bakteri *E. Coli* olmadığını, bununla birlikte 2 örnekte Enterobactericea ve 5 örnekte Staphylococ üremesi olduğunu ortaya koymuştur. Masaj yağı örneklerinin hiçbirinde Arsenik tespit edilmemiştir. Ancak, bazı örneklerde alüminyum, kurşun, civa, kadmiyum gibi oldukça toksik ağır metallerin varlığı, endişe verici bir durum olarak görülmüştür. Bir numunede yüksek çıkmış olsa da çinko önemli bir toksik metal olarak görülmemektedir. Bu sonuçlar, masaj yağılarında bir halk sağlığı problemi oluşturabileceği için, ürünlerin üretim ve pazarlaması süreçlerinin daha dikkatli izlenmesi ve mevcut standartların yeniden gözden geçirilmesinin önemli olacağını düşündürmektedir.

Anahtar Kelimeler: Aromatik Yağlar, Mikrobiyoloji, Ağır Metal, Masaj

**RAPID ETIOLOGICAL DIAGNOSIS OF NEONATAL CALF DIARRHEA WITH
IMMUNOCHROMATOGRAPHIC TEST KITS IN ESME DISTRICT OF USAK**

Salih SEZER (Orcid ID: 0000-0002-8360-3434)

Uşak University, Esme Occupation College, Department of Laboratory and Veterinary Health, Eşme/Uşak
E-mail: salih.sezer@usak.edu.tr

Gülşah AKGÜL (Orcid ID: 0000-0003-4804-6502)

Siirt University, Faculty of Veterinary Medicine, Department of Internal Medicine, Siirt
E-mail: gulsahakgul@siirt.edu.tr

Esra BİLİCİ (Orcid ID:0000-0001-6636-5975)

Uşak University, Esme Occupation College, Department of Laboratory and Veterinary Health, Eşme/Uşak
E-mail: esra.bilici@usak.edu.tr

Abstract

This study was carried out for rapid etiological diagnosis of neonatal calf diarrhea by using immunochromatographic test kits in the Eşme district of Uşak. The animal material of the study consisted of 100 1-28 days old neonatal calves of different breeds and genders in the Eşme district of Uşak. Stool samples were taken from calves with diarrhea as a result of clinical examination. When stool samples were examined by a rapid diagnostic test, none of the disease factors sought in the study were found in 10 (10%) of 100 calves, while one or more disease factors were detected in 90 (90%) of calves. Rotavirus was detected in 27 (27%) calves, Escherichia coli 14 (14%) calves, Coronavirus in 8 (8%) calves, Clostridium perfringens in 19 (19%) calves, Cryptosporidium spp. in 17 (17%) calves, Rotavirus + Coronavirus in 2 (2%) calves, Rotavirus + Clostridium perfringens in 1 (1%) calf, Rotavirus + Cryptosporidium spp. in 1 (1%) calf, and Escherichia coli - Clostridium perfringens in 1 (1%) calf. As a result, data on the presence and distribution of enterogenous pathogens that cause diarrhea in neonatal calves in the Eşme district of Uşak were presented, and it was concluded that it would shed light on future studies on diarrheal calves in the Eşme.

Keywords: Immunochromatographic test kit, Neonatal calf, Prevalence

**KIRKLARELİ İLİ CEVİZ ATIKLARININ BIYOKÜTLESİ VE ENERJİ
POTANSİYELİ**

Osman GÖKDOĞAN (Orcid ID: 0000-0002-4933-7144)

Isparta Uygulamalı Bilimler Üniversitesi, Ziraat Fakültesi, Tarım Makineleri ve Teknolojileri
Mühendisliği Bölümü, Isparta, TÜRKİYE
E-mail: osmangokdогan@gmail.com

Cihan DEMİR (Orcid ID: 0000-0002-2866-4074)

Kırklareli Üniversitesi, Teknik Bilimler Meslek Yüksekokulu, Makine ve Metal Teknolojileri
Bölümü, Kırklareli, TÜRKİYE
E-mail: cihan.demir@klu.edu.tr

Özet

Bu çalışmada, Türkiye'nin Kırklareli ilindeki ceviz atıklarının biyokütle ve enerji potansiyeli hesaplamaları yapılmıştır. Çalışmada Türkiye İstatistik Kurumu verileri (2022 yılı) ve diğer çalışmalar referans olarak kullanılmıştır. Kırklareli ilinde hububat ve diğer bitkisel ürünlerin toplam alanı 243257.2 ha, nadas alanı 306.7 ha, sebze alanı 1448.1 ha, meyveli içecek ve baharat bitkileri alanı 3216.5 ha ve toplam tarım alanı 248228.5 ha'dır. Kırklareli ilinde 2022 yılında 1762.4 ha alanda ceviz üretimi yapılmış ve 2279 ton ceviz üretimi gerçekleştirilmiştir. Kırklareli ilinin toplam ortalama ceviz taze atık potansiyeli 158616 ton olarak hesaplanmıştır. Bu miktardaki ceviz üretiminin toplam 48466 ton/yıl kuru madde verebileceği hesaplanmıştır. Kırklareli ilinde ceviz atıklarından elde edilebilecek toplam enerji potansiyeli 948479.6 GJ/yıl ve 22658.1 TEP/yıl olarak hesaplanmıştır. Bu atıklar enerji dönüşüm sistemlerinin kullanılmasıyla enerjiye dönüştürüllererek tarım işletmelerinin enerji ihtiyaçları için enerji kaynağı olarak kullanılabilecektir.

Anahtar Kelimeler: Biyokütle, ceviz, Kırklareli.

BIOMAS AND ENERGY POTENTIAL OF WALNUT WASTES IN KIRKLARELI PROVINCE

Osman GÖKDOĞAN (Orcid ID: 0000-0002-4933-7144)

Isparta University of Applied Sciences, Faculty of Agriculture, Department of Agricultural Machinery and Technologies Engineering, Isparta, TURKEY

E-mail: osmangokdогan@gmail.com

Cihan DEMİR (Orcid ID: 0000-0002-2866-4074)

University of Kırklareli, Vocational School of Technical Sciences, Department of Mechanical and Metal Technologies, Kırklareli, TURKEY

E-mail: cihan.demir@klu.edu.tr

Abstract

In this study was done the biomass and energy potential computations of the walnut wastes in Kırklareli province of Turkey. Turkish Statistical Institute data (2022 year) and other studies were used as reference in study. The total area cultivated with cereals and other herbal products is 243257.2 ha, fallow area is 306.7 ha, vegetable area is 1448.1 ha, fruits beverage and spice herbs areas are 3216.5 ha and the total agricultural area covers 248228.5 ha in Kırklareli province. Walnut cultivation was taken place in area of 1762.4 ha and yielded 2279 tons of walnut in Kırklareli province in 2022. The total average walnut fresh waste potential of Kırklareli province was computed as 158616 tons. It was computed that this quantity of walnut production can yield a total of 48466 ton/year dry matter. The total energy potential that can be acquired from walnut wastes in Kırklareli province were computed as 948479.6 GJ/year and 22658.1 TEP/year. These wastes can be converted into energy by the use of energy conversion systems and used as an energy source for the energy needs of agricultural farms.

Keywords: Biomass, walnut, Kırklareli.

TIME SERIES BASED FINANCIAL FORECASTING MODELS

Ali KİPEL (Orcid ID: 0009-0004-0059-2349)

Hesapcini Software Inc., Mersin, Turkey

E-mail: alikipel@gmail.com

Cüneyt YURT (Orcid ID: 0009-0003-1694-0646)

Hesapcini Software Inc., Mersin, Turkey

E-mail: cuneytyurt@outlook.com.tr

Hamit YILMAZ (Orcid ID: 0009-0009-3610-7364)

Hesapcini Software Inc., Mersin, Turkey

E-mail: hamityilmaz@hesapcini.com

Yıldırım ADIGÜZEL (Orcid ID: 0009-0002-3101-4408)

212Data Software Consulting Trade Inc., Istanbul, Turkey

E-mail: yildirim.adiguzel@212data.com

Zehra Sude SARI (Orcid ID: 0000-0002-0341-6488)

Çukurova University, Computer Engineering Department, Adana, Turkey

E-mail: zsudesarrii@gmail.com

Prof. Dr. Mehmet Fatih AKAY (Orcid ID: 0000-0003-0780-0679)

Çukurova University, Computer Engineering Department, Adana, Turkey

E-mail: mfakay@cu.edu.tr

Abstract

The process of financial planning in business is designed to forecast future financial trends and determine how best to use financial resources in pursuit of the organization's short- and long-term objectives. This study aims to develop financial forecasting models using univariate time series methods. For this purpose, deep learning based Convolutional Neural Networks – Long Short Term Memory (CNN- LSTM), Multi-Horizon Quantile Recurrent Forecaster (MQRNN) and statistics based AutoRegressive Integrated Moving Average (ARIMA) have been used. The performance of the developed models has been evaluated using Mean Absolute Percentage Error (MAPE). The dataset includes 291 rows of total revenue and cash revenue data in weekly format from January 1st, 2017 to July 31st, 2022. Forecast models have been developed for two different months randomly selected from the dataset. The MAPE's obtained using CNN-LSTM, MQRNN and ARIMA for total revenue are 4.28%, 5.61% and 6.31% for June and 2.45%, 4.24% and 3.28% for July, respectively. The MAPE's obtained using CNN-LSTM, MQRNN and ARIMA for cash revenue are 5.09%, 4.15% and 3.41% for June and 4.77%, 2.44% and 5.88% for July, respectively. The results show that CNN-LSTM model for total revenue forecasting outperforms other models whereas there is no specific order on the performance of the models for cash revenue forecasting.

Keywords: Time Series, Machine Learning, Statistics, Financial Forecasting

**İNÇİ DARISI POPULASYONLARINDA BAZI YEM KALİTE PARAMETRELERİ
ARASINDAKİ İLİŞKİLERİN KORELASYON VE PATH ANALİZLERİ İLE
SAPTANMASI**

Dr. İlker İNAL (Orcid ID: 0000-0002-5891-8004)

Doğu Akdeniz Tarımsal Araştırma Enstitüsü, Adana

E-mail: ilker.inal@tarimorman.gov.tr

Dr. Bülent ÇAKIR (Orcid ID: 0000-0003-4672-7582)

Doğu Akdeniz Tarımsal Araştırma Enstitüsü, Adana

E-mail: bulent.cakir@tarimorman.gov.tr

Prof. Dr. Celal YÜCEL (ORCID: 0000-0001-6792-5890)

Şırnak Üniversitesi, Ziraat Fakültesi, Tarla Bitkileri Bölümü, Şırnak

E-mail: celalyucel1@gmail.com

Dr. Celile Aylin OLUK (ORCID: 0000-0001-8939-3610)

Doğu Akdeniz Tarımsal Araştırma Enstitüsü, Adana

E-mail: celileaylin.oluk@tarimorman.gov.tr

Dr. Abdullah ÇİL (ORCID: 0000-0003-3482-6946)

Doğu Akdeniz Tarımsal Araştırma Enstitüsü, Adana

E-mail: abdullah.cil@tarimorman.gov.tr

Atalay ERGÜL (ORCID: 0000-0003-3016-7736)

Doğu Akdeniz Tarımsal Araştırma Enstitüsü, Adana

E-mail: atalay.ergul@tarimorman.gov.tr

Özet

Yembitkilerinde yem kalitesi ve kalite ile ilişkili özelliklerin bilinmesi, ıslah çalışmalarına yardımcı olmasının yanısıra hayvan besleme içinde önemlidir. Bu çalışmada, ICRISAT'tan temin edilen 225 adet inci dari (*Pennisetum glaucum* (L.) R. Br) popülasyonun yem kalitesi ve kalite ile ilişkili bazı özelliklerin korelasyon ve path analizi ile belirlenmesi amaçlanmıştır. Araştırma, Adana'da 2021 yılı ikinci ürün yetişirme döneminde, Alfa Latis (15 x 15) deneme deseninde yürütülmüştür. Bitkilerin hasatları, salkımdaki tanelerin süt-hamur olum dönemine denk geldiği zamanda yapılmıştır. Araştırma sonucunda; nispi yem değerinin (NYD) 75.14-124.81, kuru ot verimlerinin 239.31-2425.58 g/bitki, asit deterjan lif (ADF) %33.43-%45.73, nötral deterjan lif (NDF) %46.85-%65.96, ham protein (HP) oranın %5.59-11.94, kuru madde

orani (KMO) %90.94-%97.08, kuru madde tüketiminin (KMT) %1.82-%2.56, sindirilebilir kuru madde (SKM) oranın %53.28-%62.85 ve net enerji laktasyon değerinin 1.247-1.421 mcal/kg arasında değiştiği saptanmıştır. Yapılan korelasyon analizi sonucunda; nispi yem değeri (NYD) ile HP ($r=0.575^{**}$), KMT ($r=0.982^{**}$), SKM ($r=0.935^{**}$) ve net enerji ($r=0.942^{**}$) arasında olumlu önemli bir ilişki saptanırken, ADF ($r=0.942^{**}$), NDF ($r=-0.980^{**}$) ve KMO ($r=-0.165^{**}$) arasında olumsuz önemli bir ilişki saptanmıştır. NYD ile kuru ot verimi ($r=0.039$) arasında olumlu önemsiz bir ilişki saptanmıştır. Path analizi sonuçlarına göre; KMT ve net enerjinin NYD'ye doğrudan etkilerinin olumlu (sırasıyla 0.6325 ve 0.3044) ve çok yüksek (sırasıyla %60.81 ve %30.64), kuru ot verimi ve ADF'nin ise olumlu (sırasıyla 0.0075 ve 0.0763) ve yüksek (sırasıyla %8.71 ve %7.68) olduğu saptanmıştır.

Anahtar Kelimeler: İnci dari (*Pennisetum glaucum*), Popülasyon, Ot Kalitesi, Korelasyon, Path analizi

Bu çalışma, Türkiye Bilimsel ve Teknolojik Araştırma Kurumu (TÜBİTAK) tarafından “219O103” numaralı proje ile desteklenmiştir.

MISIR MEYVE YARASASININ KIBRIS'TA YAYILIŞI VE KORUNMA STATÜSÜ

Prof. Dr. Nursel AŞAN BAYDEMİR (Orcid ID: 0000-0002-8925-8619)

Kırıkkale Üniversitesi Fen Edebiyat Fakültesi

E-mail: nurselasan@kku.edu.tr

Prof. Dr. Şükrü TÜZMEN (Orcid ID: 0000-0003-4822-396X)

Doğu Akdeniz Üniversitesi Diş Hekimliği Fakültesi

E-mail: sukru.tuzmen@emu.edu.tr

Özet

Akdeniz Havzasının sıcak noktasında yer alması Kıbrıs'ın biyolojik bakımından korumasını daha da önemli hale getirmektedir. Son yıllarda Kıbrıs'ta biri meyveyle, 21'i böcekle beslenen 22 yarasa türünün yayılışı belirlenmiştir. Türkiye'de yayılış gösteren 39 yarasa türü ile karşılaşıldığında, izole bir ada için bu oldukça önemli bir sayıdır. Güney Kıbrıs'tan Kıbrıs yarasaları üzerine birçok çalışma yapılmış olmasına karşılık ne yazık ki Kuzey Kıbrıs yarasa türleri için yapılan çalışmalar çok azdır. Palearktik bölgede yayılış gösteren ve Afro-tropikal bir tür olan Mısır meyve yarasası, *Rousettus aegyptiacus*, adadaki tek meyve yarasasıdır. Fırsatçı bir toplayıcı olan bu türün adadaki diyet tercihi, mevsimsel meyvelere ve tüneme ortamına göre farklılık göstermektedir. Bu çalışmada Güzelyurt, Gazimağusa, Beşparmak dağlarından meyve yarasasının yeni yayılış yerleri kayıt edilmiştir. Güzelyurt'taki mağaralar yıl boyunca her iki eşey tarafından kullanılmaktadır. Bu mağaralarda aynı anda uçabilen yavrular ile çitleşen ergin bireyler de kaydedilmiştir. Bir akar türü olan ve Pteropodidae familyası ile özelleşmiş *Meristaspis* sp., türü adadan ilk defa bu çalışma ile tespit edilmiştir. Günümüzde Kuzey Kıbrıs'taki Mısır meyve yarasası popülasyonları, çeşitli antropojenik tehditler nedeniyle önemli ölçüde azalmaktadır. Giderek artan turizm faaliyetleri, elektrik telleri, yoğun aydınlatma, mağaraların girişlerinde yanlış tasarlanmış kapılar, zehirlenme, yasa dışı öldürme, meyve ağaçlarının kesilmesi ve kalker ocakları gibi antropojenik etkiler türün adada yayılışını geri dönüşü olmayan şekilde etkilemektedir. Bu çalışma ile, türün Kuzey Kıbrıs coğrafyasına ilişkin mevcut yayılış ve koruma durumunu belirlenmiş ve etkili bir koruma için yaşadığı habitatların önceliklendirilmesine yönelik öneriler sunulmuştur.

Anahtar kelimeler: Mısır Meyve Yarasası, Palearktik bölge, Antropojenik tehditler

**OTOMOTİV BAYİLERİNDEKİ SATIŞ ELEMANLARININ UYARLAMACI
DAVRANIŞ DÜZEYLERİNİN DEMOGRAFİK ÖZELLİKLERİNE GÖRE
FARKLILAŞMASI**

Dr. Duygu TOYGÜR EROĞLU (Orcid ID: 0000-0003-2638-2206)

Uludağ Üniversitesi, İktisadi ve İdari Bilimler Fakültesi

E-mail: duygut@gmail.com

Dr. Öğr. Üyesi Umut EROĞLU (Orcid ID: 0000-0003-3102-1763)

Çanakkale Onsekiz Mart Üniversitesi, İktisadi ve İdari Bilimler Fakültesi

E-mail: umuteroglu@comu.edu.tr

Özet

Literatürde; satış elemanlarının müşterileriyle etkileşim halindeyken sergiledikleri uyarlamacı davranış düzeylerinin satış performansları üzerinde belirleyici etkileri olduğuna dair anlamlı sonuçlar sunulmaktadır. Akademik verilerin ışığında, uygulamacılar tarafından da uyarlamacı satış davranışını sergilemek için gerekli özelliklere sahip satış elemanlarının istihdam edilmesi ve tutulmasına dair verilen önemin gün geçtikçe artmakta olduğu görülmektedir. Uyarlamacı satış davranışı, "müşteri ile etkileşim sırasında algılanan bilgilere dayalı olarak satış davranışlarının değiştirilmesi" olarak tanımlanmaktadır (Weitz, 1981). Durumsallık teorisile öne sürülen uyarlamacı satış davranışına göre; satış elemanları karşılaştıkları her bir müşterinin kendine özgü olduğunu kabul ederek, davranışlarını müşterinin durumuna göre değiştirebilme esnekliğine sahip olduklarında, müşterinin o ürünü ya da hizmeti satın alma kararını üzerinde pozitif etki yaratabilmektedirler. Uyarlamacı davranış düzeyleri yüksek olan satış elemanları; müşterilerinin tepkilerini gözlemleyerek, hızlı strateji ayarlamaları yapabilmektedirler. Dikkatli gözlemleri, müşteri ihtiyaçlarını ve bekłentilerini de anlamalarını kolaylaştırmaktadır (Zhou & Charoensukmongkol, 2021). Bu sayede satış elemanı-müşteri arasında uyum sağlanarak, müşterilerle olan ilişkiler de beslenmektedir. Satış elemanları, müşterilerine uygun olarak farklı satış sunumları kullandıklarında ve davranışlarında ayarlamalar yaptıklarında yüksek düzeyde uyarlamacı davranış sergilemeye, buna karşılık tüm satış ortamlarında aynı satış sunumunu kullandıklarında ise uyarlamacı davranış düzeyleri düşük olmaktadır (Spiro & Weitz, 1990). Çalışmada; satış elemanlarının uyarlamacı davranış düzeylerinin ölçümü için Spiro ve Weitz (1990)'in geliştirdikleri ADAPTS ölçegine dayanarak, Robinson vd. (2002) tarafından kısa versiyonu geliştirilen tek boyutlu beş maddelik ADAPTS-SV ölçüği kullanılmıştır. Değerlendirmeler için ise 5'li Likert Ölçeği kullanılmıştır. Araştırma, otomotiv sektörü

bayilerinde müşterilerle direkt iletişim halinde olan satış elemanları üzerinde inceleştirmiştir. Araştırma neticesinde elde edilen bulgular cinsiyete göre incelendiğinde; kadınların erkeklerle oranla daha yüksek düzeyde uyarlamacı davranış sergiledikleri, medeni durumlarına göre incelendiğinde, bekarların evlilere oranla daha yüksek düzeyde uyarlamacı davranış sergiledikleri ve eğitim düzeylerine göre incelendiğinde ise; eğitim düzeyi arttıkça uyarlamacı davranış düzeylerinin de anlamlı bir şekilde arttığı tespit edilmiştir. Bulgular pozisyon'a göre incelendiğinde, satış müdürlerinin, satış danışmanlarına oranla daha fazla uyarlamacı davranış sergiledikleri dikkat çekmekte ve bu bulgu da eğitim düzeyine göre anlamlı artışı desteklemektedir. Örneklemde satış deneyimine göre incelenmesi yapıldığında ise; deneyime göre anlamlı bir farklılaşma tespit edilmemiştir. Benzer şekilde yaşa göre incelendiğinde de anlamlı bir bulgu ortaya çıkmamıştır.

Anahtar Kelimeler: Uyarlamacı Satış Davranışı, Satış Performansı, Demografik Özellikler

TÜRK SİYASAL HAYATINDA HÜRRİYET PARTİSİ

Doç.Dr. Mehmet Biçici (Orcid ID: 0000-0002-2011-1088)

Gaziantep Üniversitesi, Fen Edebiyat Fakültesi, Tarih Bölümü, Gaziantep

E-mail: bicici@gantep.edu.tr

Özet

Beyaz devrim olarak nitelendirilen 1950 seçimleri Türk siyasal hayatının dönüm noktalarından biridir. Türkiye'de iktidar ilk kez demokratik seçimler sonucu el değiştirmiştir. Demokrat Parti'nin iktidara geldiği bu dönemde 487 meclis üyeliğinden 408 üyelik kazanmıştır. almıştır. 1954 seçimlerine hazırlanan Demokrat Parti ülkedeki meclisi 1953'te olağanüstü toplantıya çağrılmıştır. Demokrat Parti meclis grubu yeni çıkaracakları kanunların toplumsal ve siyasi düzeni koruyarak hazırlanması bahanesiyle meclise sunulan önerilerin de kabulü gerçekleşmeden meclisi tatile çıkışma kararı almıştır. 1953 yılında iktidar ve muhalefet ilişkileri de gerginleşmeye başlamıştır. Cumhuriyet Halk Partisi'nin Ulus Gazetesi'nde Demokrat Partiye karşı yaptığı propagandasına karşı Adnan Menderes *Moskova Radyosu'nun yayınları kadar içrenç*" diyerek iki parti arasındaki ilişkiyi tanımlamıştır. 1954 seçimlerinden sonra muhalefet güç kaybederken Demokrat Parti kendi içinde parti muhalefeti belirginleşmeye başlamıştır. Demokrat Parti'nin ülkede uyguladığı ekonomi politikaları toplumsal hoşnutsuzluğu arttırmıştır. Tek parti rejiminin devrilmesi amacı ile bir araya gelen Demokrat Partililer arasında fikir çatışması ve ayrılıklar yaşanmaya başlamıştır. Bu ayrılıklar Demokrat Partinin iktidar sürecinde sürekli artmıştır. İktidar sahiplerinin demokratik rejimin gelişmesini sağlayacak asgari bir zihniyete sahip olmaması sonucu program ve tüzüğündeki ana prensip ve hedeflerden aykırı bir yol tutmuş olması ile sonuçlanmıştır. Bu noktada partide aradığını bulamayan muhalefet düşünce ve ifade özgürlüğü amacıyla kurulan Demokrat Partiden ayrılarak yeni partiler kurmaya başlamışlardır. Bu partilerden biri olan Hürriyet Partisi Çalışma konumuzu oluşturmuştur.

Anahtar Kelimeler: Hürriyet Partisi, Demokrat Parti, Türk Siyasal Hayatı

**HAYAT BİLGİSİ DERSİNDE SÜRDÜRÜLEBİLİR ÇEVRE BİLİNCİ
KAZANDIRMAYA YÖNELİK NİTEL BİR ARAŞTIRMA**

Ayşegül KARAKAYA (Orcid: 0000-0003-1320-2050)

Afyon Kocatepe Üniversitesi, Sosyal Bilimler Enstitüsü, Afyonkarahisar

E-mail: aynazey07@gmail.com

Prof. Dr. Nuray KURTDEDE FİDAN (Orcid: 0000-0002-2056-1994)

Afyon Kocatepe Üniversitesi, Eğitim Fakültesi, Temel Eğitim Bölümü, Afyonkarahisar

E-mail: nkurt@aku.edu.tr

Özet

Bu araştırmada Hayat Bilgisi dersi okutan sınıf öğretmenlerinin sürdürülebilir çevreye ilişkin görüşlerini ortaya çıkarmak, öğrencilere sürdürülebilir çevre bilinci kazandırmak adına yapmış oldukları etkinlikler ve yürüttükleri projeler hakkında bilgi edinmek, sürdürülebilir çevre bilincinin oluşmasına engel olan etmenler ve bu bilincin oluşturulması için öğretmen önerilerini belirlemek amaçlanmıştır. Araştırma nitel araştırma desenlerinden fenomenolojik yaklaşımla gerçekleştirılmıştır. Araştırmanın çalışma grubunu 2021/2022 eğitim öğretim yılında Afyonkarahisar ilinin merkezinde bulunan devlet okullarında görev yapan ve ölçüt örnekleme ile belirlenen 9 kadın, 7 erkek olmak üzere 16 sınıf öğretmeni oluşturmaktadır. Araştırmanın verileri açık uçlu on sorulardan oluşan yarı yapılandırılmış görüşme formu ile toplanmış, toplanan veriler ise tematik analizi ile incelenmiştir. Araştırma sonucunda katılımcıların çoğunuğunun sürdürülebilir çevre bilincinin küçük yaşlarda kazandırılması gerektiğini belirtmişlerdir. Bu bilincin oluşturulmasında ailinin bilinçli olmasının ve aile desteğinin olması ön koşul olarak bildirmişlerdir. Katılımcıların görüşlerinden elde edilen bulgular doğrultusunda öğretmenler, rol model olunması, eğitim yöneticilerinin desteğinin artırılması, öğretim programlarında sürdürülebilir çevre ile ilgili kazanımların artırılması ve kazanımların içeriğinin uygulamaya ve yaparak-yaşayarak öğrenmeye dayalı bir şekilde düzenlenmesi, velilerin bilinçlendirilmesi önerisinde bulunmuşlardır.

Anahtar Kelimeler: Sürdürülebilir çevre, geri dönüşüm, sınıf öğretmenleri, nitel araştırma, Hayat Bilgisi

**ÖĞRETMENLERİN RİSKLİ OYUN ALGILARI İLE ÇOCUKLARIN MOTOR
YARATICILIK BECERİLERİ ARASINDAKİ İLİŞKİNİN İNCELENMESİ**

Doç. Dr. Nezahat Hamiden KARACA (Orcid ID: 0000-0002-7424-7669)

Afyon Kocatepe Üniversitesi Eğitim Fakültesi Okul Öncesi Eğitimi ABD, Afyonkarahisar

E-mail: nhamiden@gmail.com

Doç. Dr. Halil UZUN (Orcid ID: 0000-0003-0029-1074)

Kilis 7 Aralık Üniversitesi, M.R. Eğitim Fakültesi, Temel Eğitim Bölümü,
Okul Öncesi Eğitimi ABD, Kilis

E-mail: uzunhalil@gmail.com

Dr. Mehmet Oğuz GÖLE (Orcid ID: 0000-0003-2826-1790)

Afyon Kocatepe Üniversitesi Meslek Yüksek Okulu Çocuk Bakım ve Gençlik Hizmetleri
Bölümü

E-mail: moguzgole@hotmail.com

Rasim AYDOĞUŞ (Orcid ID: 0000-0003-2299-3173)

MEV Koleji Özel İzmir Bornova Okulları, İzmir Türkiye,

E-mail: rasimayd@gmail.com

Özet

Çalışmada Öğretmenlerin riskli oyun algıları ile çocukların motor yaratıcılık becerileri arasındaki ilişkinin incelenmesi amaçlanmıştır. Bu amaç doğrultusunda 2022-2023 Afyonkarahisar İl Milli Eğitim Müdürlüğü'ne bağlı okullarda görev yapmakta olan okul öncesi öğretmeni ve aynı öğretmenlerin sınıfında yer alan çocuklar çalışma grubunu oluşturacaktır. Çalışmada öğretmenlere Torrance (1981) tarafından geliştirilen Karaca ve Aral (2017) tarafından Türkçe'ye uyarlanan Eylem ve Harekette Yaratıcı Düşünme Testi" ölçme aracı ile Karaca ve Uzun (2020) tarafından geliştirilen "Erken Çocukluk Riskli Oyun Değerlendirme Aracı-Öğretmen Formu (EÇRODA-ÖF)" kullanılacaktır. Çalışmada veri analizi için veriler toplandıktan sonra normalilik testi yapılacak ve test sonucuna göre analizler belirlenecektir. Araştırmadan elde edilen sonuçlar doğrultusunda öneriler bulunulacaktır.

Anahtar Kelimeler: risk, riskli oyun, yaşam becerileri, erken çocukluk dönemi

KIBRIS TÜRK EĞİTİMİNDE DENETİMİN TARİHSEL SÜRECİ

Doç. Dr. Meryem ÖKSÜZOĞLU (Orcid ID: 0009-0006-3226-8898)

Akdeniz Karpaş Üniversitesi

E-mail: meryem.oksuzoglu@akun.edu.tr

Özet

Bu çalışma, tarihsel süreç içinde Kıbrıs Türk eğitim sisteminde denetimin günümüz'e gelene kadar geçirdiği süreçlerin incelenmesi amacıyla yapılmıştır. Yönetim süreçlerinin önemli bir basamağı olan denetim, diğer tüm yönetim alanlarında olduğu gibi eğitim yönetiminin de önemli bir aşamasıdır. Bir kurumun gelişimi ve değişimi için denetim kaçınılmaz olmaktadır. Eğitim sisteminin en önemli unsurlarından olan öğretmenin de eğitim ve öğretimde verimli ve etkili olabilmesi çağdaş denetim uygulaması ile başarıya ulaşmaktadır. Ulaşılan kaynaklarda Kıbrıs Türk eğitiminin denetimi ile ilgili Osmanlı yönetimi (1571-1878) dönemine ait kesin bir bilgiye ulaşlamamıştır. Ancak Osmanlı yönetim anlayışında eğitim kurumları şahıslar ve vakıflara aitti ve okulların doğrudan bağlı olduğu bir mercin olmadığı görülmektedir. 1826'da Osmanlı devleti'nde "Evkaf-ı Hümeyun" nezaretinin kurulması ile eğitim kurumlarının kontrol altına alınması amaçlanmıştır. Ulaşılan kaynaklarda eğitim denetimi ile ilgili bilgiler Kıbrıs'ta Osmanlı yönetiminin sonları, İngiliz yönetimi başlarında karşımıza çıkmaktadır. Osmanlı yönetimi döneminin ardından adanın İngilizlere devredilmesiyle başlayan dönemde de Osmanlı yönetiminin Kıbrıs Türk eğitimi üzerinde etkisinin devam ettiği görülmektedir. Çalışmada Kıbrıs Cumhuriyeti dönemi ve sonrası ile Kuzey Kıbrıs Türk Cumhuriyeti (KKTC) döneminde eğitim denetimi ve uygulamaları tarihsel süreç içinde ele alınarak incelenmiştir. Çalışmada nitel araştırma yöntemlerinden kaynak taraması yapılarak geçmişten bugüne eğitim denetimi ile ilgili bulgular ortaya çıkarılarak denetimin nasıl ve hangi amaç ve ilkelere dayandırılarak yapıldığı ve hangi yöntemlerin kullanılmış olduğu ve geçirdiği süreçler ortaya konmuştur. Denetim uygulamalarıyla ilgili kaynaklardan elde edilen veriler seçilerek anlatılmış ve değerlendirilmiştir. Çalışmada Kıbrıs'ta egemen olan her yönetimin eğitimi etkisi altına alma çabası güttüğü görülmüştür. Bu bağlamda eğitimin daha etkili ve sistemli olması çabası ortaya konarken, bazı dönemlerde de Kıbrıs Türk eğitiminin kendi denetimini yapabilmesi için politik olarak da bazı dönemlerde mücadele vermesi gerektiği görülmüştür. Kıbrıs Türk eğitiminin başlangıcından bugüne eğitim geldiği nokta ve geçirdiği süreçler kronolojik olarak ortaya konmuştur.

Anahtar Kelimeler: Kıbrıs Türk Eğitimi, Denetim, Müfettiş, Denetmen, Denetim Tarihi

**GELİŞMEKTE OLAN ÜLKELERDE JEVONS PARADOKSU ÜZERİNE BİR
ARAŞTIRMA**

Dr. Öğr. Üyesi Aytaç DEMİRAY (Orcid ID: 0000-0003-3872-172X)

Selçuk Üniversitesi, Akşehir MYO

E-mail: demiray@selcuk.edu.tr

Doç. Dr. H. Arif TUNÇEZ (Orcid ID: 0000-0001-5834-3450)

Selçuk Üniversitesi, Akşehir İİBF

E-mail: hatuncez@selcuk.edu.tr

Özet

Dünya genelinde ekoloji ve iklim uzmanları insanlık-doğa ilişkisinin artık sürdürülemez durumda olduğu ve çevreye verilen zararlar konusunda gelişmiş kapitalist ülkelerin başı çektiği konularında tam bir fikir birliği içerisinde dırırlar. Artık bilim çevreleri arasındaki tartışmalar bir iklim krizini gerçeklesip gerçekleşmeyeceği değil, gerçekleşecek iklim krizinin boyutunun ne olacağı üzerinde yoğunlaşmış durumdadır. Beklenen iklim krizinin en büyük sorumluları olarak gösterilen egemen kapitalist sınıf ise sorunları genellikle görmezden gelmektedirler. Beklenen iklim krizi ile ilgili kapitalist ülkeler tarafından alınan önlemler genellikle teknolojik değişim yoluyla üretim sistemleri üzerine “devrimcileştirmeyi” kapsadığı görülmektedir. Mevcut toplumsal ve ticari ilişkilerin oluşturduğu küresel ekonomik sistemin ise bu devrimlerin dışında kaldığı, ekonomik sistemle ilgili herhangi bir iyileştirme yapılmadığı görülmektedir. “Üretimin devrimcileştirilmesi” terimi ilk kez kapitalist toplumun ayırt edici özelliği olarak Karl Marx tarafından “Komünist Manifesto” isimli eserde kullanılmıştır. Günümüz kapitalist ülkeleri de artık art arda gelen teknolojik buluşların ve klasik iktisadın efsanevi görünmez elinin ihtiyaç duyulduğunda çevre ile ilgili bütün sorunları kendiliğinden çözeceğine inanmayı tercih etmektedirler. Bu görüşün aksine çevre bilimcilerin bir çoğu teknolojik ilerlemenin tek başına iklim krizi felaketine çözüm olmakta yeterli olamayacağını, çağımız üretim yöntemlerinin temelden dönüşümünü hedef alan uzun vadeli sosyal bir devrime ihtiyaç duyulduğunu yüksek sesle dile getirmektedir. Günümüzde enerji üretimindeki etkinlik artışının sonucu olarak enerji tüketiminde fark edilir şekilde bir artış yaşanması (geri tepme etkisi) durumu ekonomi literatüründe Rebound etkisi olarak kendine yer bulmuştur. Rebound etkisi kavramı ilk kez Jevons'un (1866) çalışmasında kullanılmış bir ifade olduğundan Jevons Paradoksu olarak da bilinmektedir. Bu çalışmada başta Türkiye olmak üzere gelişmekte olan ülkelerde enerji üretiminde kullanılan daha verimli teknolojilerin sebep olduğu rebound etkisinin boyutlarının enerji üretim ve tüketim istatistiklerinin yansıtıldığı tablo ve grafikler üzerinden belirlenmesi ve analiz edilmesi amaçlanmıştır.

Anahtar Kelimeler: Jevons Paradoksu, Rebound Etkisi, Enerji Verimliliği

**ENFLASYONUN TÜKETİCİ DAVRANIŞLARI ÜZERİNDEKİ ETKİLERİNİ
ANLAMAK**

Dr. Eda İLHAN (Orcid ID: 0000-0002-5626-3294)

Bursa Uludağ Üniversitesi, İktisadi ve İdari Bilimler Fakültesi

E-mail: edayesil@yahoo.com

Özet

Ekonomide meydana gelen değişimler tüketicinin yaşamının birçok alanını etkilemektedir. Aynı zamanda tüketicilerin ürün tüketimi ve satın alma ile ilgili tüketici davranışlarını da belirlemektedir. Tüketiciler, özellikle ekonomik durumun dünya çapında dikkate değer değişikliklere uğradığı, enflasyonun arttığı son birkaç yılda, alışveriş davranışlarıyla ilgili farklı davranış değişiklikleri göstermişlerdir (Yurievna, 2022). Enflasyon, tüketici davranışlarını etkileyen ve bir şirketin kâr veya zararını belirleyen temel unsurlardan biridir (Dhar, 2022). Enflasyonun arttığı dönemde tüketiciler, finansal sorunlar nedeniyle satın alma davranışlarını değiştirmekte ve satın almalarını azaltmakta veya sınırlandırmaktadırlar (Sharma & Sonwalkar, 2013). Bir işletme, tüketicilerin davranışlarını tahmin ederek tüketicilerin ihtiyaçlarını anlayabilir ve bekłentilerini karşılamaya çalışabilir. Bu, nihayetinde işletmelerin refahlarını korumalarına ve uzun vadeli hedeflerine ulaşmalarına yardımcı olacaktır (Nistorescu ve Puiu, 2009). Bu araştırma; enflasyon bağlamında gençlerin ithal ürünlerle olan ilgisini, nitel bir araştırma yaparak teoriye ve практиke katkı sağlamaayı amaçlamaktadır. Modern ekonomide, gençlerin kendilerine ait düzenli bir gelirleri olmamasına rağmen çok aktif bir tüketici yaş grubu olduğuna şüphe yoktur (Zollo, 1995). Bu gençlerin gelir kaynağının çoğu ebeveynlerinin parasıdır ve hatta bazlarının aktif bankacılık faaliyetleri ile kendi banka hesapları vardır (Furnham, 1999). Günümüzün genç tüketicileri, kişisel tatmine büyük önem vererek daha bireysel odaklıdır (Newall & Steele, 2002). Ayrıca, gençlerin davranışlarının, kendileriyle sık temas halinde olan yetişkinlerin inançlarından büyük ölçüde etkilendiği kaydedilmiştir (özellikle ebeveynleri ile olan ilişkisi). Buna göre, gençlerin harcama alışkanlıklarının, ebeveynlerinin çok harcama yapmasından veya çok tasarruf etmesinden büyük ölçüde etkilendiği görülmektedir (Furnham & Thomas, 1984a; Furnham, 1999). Bu çalışmada örneklem olarak 17-18 yaş aralığında özel okulda okuyan gençler seçilmiştir. Tüketici davranışlarını ölçebilmek için nitel araştırma yöntemi kullanılmıştır. Odak grup çalışması yapılarak, yarı yapılandırılmış sorular sorulmuştur. Çıkan sonuç OECD'nin verileriyle uyumlu olup mevcut literatürden farklılık göstermektedir. Türkiye'de yaşayan orta-üst grup gelir düzeyine sahip gençler enflasyona rağmen daha fazla ithal mal ve lüks tüketim ürünü satın almakta, fiyatların her geçen gün artacağı konusundaki endişeleri nedeniyle de satın alma davranışlarını ertelemeyip, bir yerine daha fazla alıp, stoklamanın daha iyi olacağı konusunda hemfikirler. Daha fazla almak istemelerinin nedeni aldıkları ürünleri kullansalar bile ileride daha fazla bir fiyatına kullanılmış olarak satabilecekleri inancıdır. Bir diğer unsur ise; ileride hiç alamazsam diye şu anki fiyatına bakmadan almaktadırlar. Araştırma sonuçları literatürde beklenen rasyonel tepkilerden farklılık göstermektedir. Geleceğe yönelik araştırmalarda bu farklılıkların altındaki diğer nedenler araştırılabilir, örneklem genişletilebilinir ve nitel ile birlikte nicel çalışma da yapılarak literatüre katkı sağlanılabilir.

Anahtar Kelimeler: Tüketici davranışları, Enflasyon, İthal ürünler

MEMORIES OF SOCIAL IDENTITY: TIME AND SPACE

Assoc. Prof. Dr. Gizem ÖKSÜZOĞLU (Orchid ID: 0000-0002-3964-8977)

Final International University, Faculty of Economics and Administrative Sciences, Kyrenia,
N. Cyprus

E-mail: gizem.oksuzoglu@final.edu.tr

Abstract

This research aims to explore islanders' memory of social identity in relation to time and space with a theoretical approach that positioned in the nexus between reflexive anthropology and social psychology. Islands are perceived as carrying memories of disturbances (LeGoff, 1992). Islands are living entities. They are characterised by sand, iodine smell, mist, rocks, stones, places dominated by nature's forces and usually their liminality is defined by the sea. (Joseph, 2020). This usually makes them physically detached from influences from larger continents, in Cyprus's case the influence of larger continental forces has been significant throughout the history. Islands preserve the feelings of a society as a space of memory. The colonial, and post-colonial influences are memorialised through spaces by formerly traumatised islands. Societies which are condemned by the pressured position between contemporary times and past memories use the space as a constant, reminding, monolithic symbol or representation of memory; or a symbol of transformation. Those physical places enable mourning through symbolic representations or memory becomes more vague as the time passes as a result of socio-physical and cultural transformations. This research explores memories of social identity in North Cyprus, through visual data with an aim to explore the Turkish Cypriots' memory of social identity in time and space.

Keywords: Social Identity, Memories of Social Identity, Islands, Cyprus, Physical Spaces

**KKTC'DE EĞİTİM DENETİMİ ALANINDA SON BEŞ YILDA YAYIMLANAN
ARAŞTIRMALARIN KARŞILAŞTIRMALI OLARAK İNCELENMESİ**

Nedime KARASEL (Orcid ID: 0000-0002-4097-0728)

Uluslararası Kıbrıs Üniversitesi, Eğitim Fakültesi

E-mail: karaselnedime@hotmail.com

Eylem MENTEŞOĞULLARI (Orcid ID: 0000-0001-7342-4806)

Kıbrıs Sağlık ve Toplum Bilimleri Üniversitesi, Eğitim Fakültesi

E-mail: eylemmentesoglari@gmail.com

Şevket ŞAFAKOĞULLARI (Orcid ID: 0000-0002-0168-5182)

Kıbrıs Sağlık ve Toplum Bilimleri Üniversitesi, Eğitim Fakültesi

E-mail: sevketarti@gmail.com

Özet

Eğitim denetimi alanında yapılan çalışmalar, bu alana ilişkin güncel eğilimlerin ortaya konulması ve eksikliklerin tespit edilmesi açısından önemlidir. Mevcut durumun tespiti, ilerleyen dönemlerde hedef koyma ve yapılacak araştırmalara yön verme açısından önemli bir başlangıçtır. Bu doğrultuda hazırlanan araştırma; 2017-2022 yılları arasında Kuzey Kıbrıs Türk Cumhuriyeti'nde yapılan eğitim denetimi alanına ait araştırmaların karşılaştırmalı olarak incelenmesi amacıyla hazırlanmıştır. Araştırmanın literatür kısmını; denetim kavramı, denetim ilke ve modelleri, KKTC denetim sistemi, KKTC denetmen seçim kriterleri oluşturmaktadır. Araştırma kapsamında 2017-2022 yılları arasında yayınlanan 12 makale doküman analizi yolu ile incelenmiş, tablolaştırılmış ve bu makaleler farklı boyutları ele alınarak karşılaştırılmıştır. Araştırmalar incelendiği zaman; araştırmacıların, yoğunluklu olarak eğitim yönetimi üzerine yoğunlaşlığı ve eğitimin denetim bacağının ihmali edildiği saptanmıştır. Ülkemizde son beş yılda yapılan bilimsel çalışmaların incelenmesi ile denetimle ilgili 2019 ve 2020 yıllarında araştırmalarda bir artış meydana geldiği fakat bu artışın, 2021 yılında devamının gelmediği söylenebilir. Yapılan araştırmalarda görüşme yöntemine ağırlık verilmiş, daha çok denetmenlere yönelik görüşler araştırılıp denetim sistemlerinin karşılaştırılmasına ve yaşanan sorunların tespitine ağırlık verilmiştir. Yapılan bu çalışma, sadece yayınlanan araştırmalarla sınırı bir çalışma olması ile birlikte, çalışma sırasında yapılan taramada, Kuzey Kıbrıs'ta yapılan araştırmaların yayınlanması veya bu araştırmalara ulaşılması konusunda zorluk çekildiği görülmüştür. Ülkemizde "Eğitim Yönetimi ve Denetimi" alanında, bir çok üniversite ve kurumda yüksek lisans programı yer almına rağmen, denetim boyutunda az çalışma yapılmış olması, konu kapsamının bir bacağının eksik kaldığını göstermektedir. Araştırmacıların, sadece eğitim yönetimi değil, eğitim denetimi alanında da çalışmalar yapması gerekliliği ve yapılan çalışmaların yayınlanması aşamasında daha iyi bir veri tabanının oluşturulmasının gerekliliği; bu çalışmayı yapan yazarlar tarafından önerimizdir.

Anahtar Kelimeler: Eğitim denetimi, Eğitim araştırmaları, Doküman incelemesi.

KAYIT DIŞI EKONOMİ VE TÜRKİYE EKONOMİSİNE ETKİLERİ

Dr. Öğr. Üyesi Aytaç DEMİRAY (Orcid ID: 0000-0003-3872-172X)

Selçuk Üniversitesi, Akşehir MYO

E-mail: demiray@selcuk.edu.tr

Doç. Dr. H. Arif TUNÇEZ (Orcid ID: 0000-0001-5834-3450)

Selçuk Üniversitesi, Akşehir İİBF

E-mail: hatuncez@selcuk.edu.tr

Özet

Vergi, bir devletin birincil ve en önemli gelir kaynağıdır. Ekonominin tüm aktörleri, gerçekleştirdikleri ekonomik faaliyetler sonucu ortaya çıkan değer üzerinden güçleri oranında devlete vergi ödemekle yükümlüdürler. Mükellefler tarafından karşılık beklenmeksizden ödenen vergiler, hükümet tarafından ekonomik sistemin sorunsuz işlemesi amacıyla belli bir maliye politikası çerçevesinde kamu harcamaları olarak tekrar ekonomiye dahil edilir. Ülke ekonomisi içerisinde faaliyet gösteren ve bu kamu harcamalarından direkt veya dolaylı şekilde faydalanan bazı mükellefler vergi ödemeyerek veya eksik vergi ödeyerek kayıt dışı gelir sağlama eğiliminde olabilmektedir. Resmi kayıtlarda görülemeyen, kanunlarca belirlenmiş geçerli belgelere dayanmayan, ülkenin reel üretimine dahil olmakla birlikte mevcut ölçüm yöntemleriyle tespiti mümkün olmayan yani ülkenin GSYH hesaplarına dahil edilemeyen tüm ekonomik faaliyetler; kayıt dışı ekonomi şeklinde adlandırılmaktadır. Kayıt dışı ekonomi özellikle gelişmekte olan ülkelerde vergi gelirlerini ve dolayısıyla kamu harcamalarını düşürücü etkisinden dolayı çözüm bekleyen sorunların başında gelmektedir. Keynes'in özellikle gelişmekte olan ülkelere sürdürülebilir bir ekonomik büyümeye için sunduğu temel politika olan genişletici maliye politikasının temelinde kamu harcamalarının artırılması yatomaktadır. Kayıt dışı ekonomi kamu harcamalarının en önemli kaynağı olarak görülen vergilerin azalmasına sebep olmakta, kamu harcamalarının yetersiz kalmasına sebep olarak ekonominin tam istihdam seviyesine ulaşma amacının önünde büyük bir engel teşkil etmektedir. Bu bilgiler ışığında kayıt dışı ekonomiyle mücadele için ülkelerin yeni politikalar geliştirmesi ve kararlılık göstermesi ekonomi açısından büyük bir gereklilikdir. Son derece karmaşık bir yapıya sahip olan kayıt dışı ekonomi ile mücadelede hükümetlerce uygulanan mali politikalar büyük önem arz etmektedir. Gelişmiş ülkelerde uygulanan etkin maliye politikaları sayesinde kayıt dışı ekonomi ile mücadelede önemli seviyede başarı sağlanmış fakat gelişmekte olan ülkeler için bu tehdit halen yüksek seviyededir. Kayıt dışı ekonomi, Türkiye ekonomisi için de önemli bir tehdit oluşturmaktadır. Kayıt dışı ekonomi üzerinde yapılan çalışmalar incelendiğinde Türkiye'de kayıt dışı ekonominin yüksek seviyelerde olmasının ana sebepleri olarak yüksek vergi oranları, eğitim (halkta vergi bilinci eksikliği), denetimlerin yetersizliği, cezaların caydırıcılıktan uzak olması ve sık uygulanan vergi afları şeklinde sayılmalıdır. Bu çalışmada kayıt dışı ekonominin başta Türkiye ekonomisi olmak üzere dünya ekonomisinde sebep olduğu tahribatlar, mevcut mücadele politikaları ve dünyada kayıt dışı ekonomi ile mücadele konusunda başarıya ulaşmış politikaların Türkiye'de uygulanabilirliği tablo ve grafiklerin analiz edilmesi yoluyla okuyucuya sunulmaya çalışılmıştır.

Anahtar Kelimeler: Kayıt dışı Ekonomi, Vergi Politikaları, Vergi Oranları, Vergi Yükü

GOLAN TEPELERİNİN MEVCUT DURUMU VE GELECEĞİ

Volkan ÇETİNTAŞ
Güvenlik Stratejileri ve Yönetimi Uzmanı

Prof. Dr. Mehmet Emin SÖNMEZ
Gaziantep Üniversitesi, Fen Edebiyat Fakültesi, Coğrafya Bölümü

Özet

Ortadoğu'daki kırılgan yapı tarihsel olaylar kadar dinsel fanatizmin, ekonomi ve stratejilerin de etkili olduğu birçok olaydan etkilenmiştir. Osmanlı Devletinin bölgeden çekilmesi ile her ne kadar meydana gelen hadiselerin hemen hemen hepsi farklı nedenlerden kaynaklanmış olsa da sonuç olarak batılı devletlerin arabuluculuk etmesi ya da dolaylı yollardan olaylara müdahale olmaları ile son bulmuştur. Şii-Sünni, Arap-İsrail ve kısmen de farklı nedenlerden kaynaklı çatışmaların sonucunda şekillenen bu coğrafya, her zaman sahip olduğu yer altı zenginlikleri, konumu ve kültürel mirası münasebetiyle de batılı devletlerin gözünde önemini hep korumuştur. Bu alanlardan bir tanesi de su kaynakları, tarım alanları stratejik konumu ve nüfus barındırma potansiyeli ile ön plana çıkan Golan Tepeleridir. Golan Tepeleri, Suriye, Lübnan, Ürdün, Filistin ve İsrail'in sınırlarının kesiştiği alanda yer almaktadır. Ortadoğu'nun en önemli kentlerinden, Suriye'nin de başkenti olan Şam'a yalnızca 35 km, İsrail'in en önemli kentlerinden ve limanlarından biri olan Hayfa'ya ise yüz kilometreden daha az mesafededir. 1200 km² si İsrail'in, 270 km² si BM'in ve 390 km² si ise Suriye'nin kontrolünde olmak üzere toplamda 1860 km² lik alan kaplamaktadır. Çalışmada öncelikle Arap-İsrail uyuşmazlığının getirmiş olduğu sonuçlar neticesinde Suriye'nin toprağının bir parçası olan Golan Tepelerinin işgalinde rol oynayan etkenler ile alanın mevcut durumu ve statüsü üzerinde durulmuştur. Özellikle İsrail'in Golan Tepelerini işgalinin bölgesel ve ulusal etkileri değerlendirilmiş ve Golan Tepelerinin gelecekteki statüsü ve olası senaryolar tartışılmıştır.

Anahtar Kelimeler: Golan Tepeleri, İsrail, Suriye, Arap-İsrail Savaşları

TURKISH CYPRIOTS SOCIAL IDENTITY PROCESSES AND CATEGORISATION

Selim AKYULAF (Orcid ID: 0009-0002-9575-0092)

University of Limerick, Department of Psychology

E-mail: SelimG.Akyulaf@ul.ie

Abstract

When people emigrate from one country to another they do not only physically relocate, they also take their own culture with them to a new and unfamiliar environment. When two or more different groups of people come into contact with each other, they may not only adopt each other's beliefs, behaviours but also values and languages (Sam and Berry, 2010). According to Berry (2008), this process begins when individuals with a certain cultural background starts to interact with another group of individuals that come from a different cultural background and such interaction eventually results in cultural and psychological changes in both groups. The transition to the united group identity requires a profound understanding of each group's rationale of what constitutes their sense of belongingness, what constituted their united identity in the first place and shared identity elements before the transition process take place. Adopting Cognitive Developmental Model of Social Identity Integration, a four-stage model which explains the specific processes by which multiple social identities develop intra-individually and become integrated within the self over time (Amiot et al., 2007); this research aims to explore Turkish Cypriot's understanding and opinions on what constitutes their identity and their rationalisation of changes on their identity. It proposes an interdisciplinary lens and aims to capture concept of identity within socio-cultural discourses across time periods and is informed from individual and social psychology, history, sociology and politics. It unfolds at two levels; at micro level, it investigates individual aspects and at macro-level it looks into the social aspects and aim to create an overarching framework combining these.

Keywords: Social Identity, Group Identity Categorisation, Cultural Identity, Social Identity Process

STUDENTS ASSESSMENT OF ONLINE EDUCATION DURING THE COVID-19 EPIDEMIC

Zohaib Hassan Sain

Faculty of Business & Management Sciences, Superior University, Pakistan
E-mail: zohaib3746@gmail.com

Abstract

The purpose of this study was to assess the online instruction given to students during the COVID-19 epidemic. At the four universities of Lahore city that were the center of the study, 650 students pursuing undergraduate, graduate, and doctoral degrees participated. A mixed method was used to design the research using both qualitative and quantitative components. An online survey was employed during the quantitative phase. Online in-depth interviews using a semi-structured interview form were carried out during the qualitative phase. Local Lahore, Pakistan, inhabitants were among the responses. The content analysis led to the identification of 21 categories and three major themes. The following themes were accomplished: "It could have been better!" for their suggestions, "Face-to-face education is better!" for the bad parts of the student's experiences, and "Better than nothing!" for the positive aspects of their experiences. It has been decided that a technology approach should be employed to further expand the distance education curriculum in the four universities that have been selected.

Keywords: Covid-19, Distance Education, Online Education, University Students.

AKDENİZ İKLİMİNE UYGUN KURU BEZELYE ISLAH ARAŞTIRMALARI

Dr. Meltem Türkeri (Orcid ID: 0000-0001-5225-967X)
Eastern Mediterranean Agricultural Research Institute-ADANA
E-mail: irmakturk@hotmail.com

Özet

Bezelye hem taze hem de kuru tane olarak üretilip, tüketilmektedir. Ülkemizde kuru bezelye yetişiriciliği ve üretimi diğer ülkelere oranla oldukça azdır. Bu çalışma ile amacımız, Akdeniz Bölgesine adapte olabilen, yüksek verimli kuru bezelye çeşitlerini üreticiye kazandırmaktır. Bu amaçlar doğrultusunda araştırma, Doğu Akdeniz Tarımsal Araştırma Enstitüsü Müdürlüğü deneme alanlarında 2019 yılı yetişirme sezonunda yürütülmüştür. Çalışmada 15 adet bezelye genotipi ve 5 adet bezelye çeşidi kullanılmıştır. Araştırma tesadüf blokları deneme desenine göre, 3 tekrarlamalı olarak kurulmuştur. Islah amaçlarına uygun olarak; çiçeklenme gün sayısı (gün), bakla bağlama gün sayısı (gün), bitki boyu (cm), ilk bakla yüksekliği (cm), 100 tane ağırlığı (g) ve verim(kg/da) gibi özellikler incelenmiştir. Araştırmadan elde edilen analiz sonuçlarına göre en yüksek çiçeklenme gün sayısı değeri 60 gün ile TR-61290 Tekirdağ genotipinden elde edilirken, en düşük değer 45 gün sayısı ile Rondo ve Utrillo çeşitlerinden elde edilmiştir. Bitki boyları bakımından incelediğimizde; TR-61290-Tekirdağ genotipi 161 cm ile en yüksek bitki boyu değerine ulaşırken; Carina çeşidi 70.5 cm ile en düşük bitki boyu değerine sahip olmuştur. Verim değeri sonuçlarına göre ise; en yüksek değerler sırasıyla 338.7 kg/da ve 326.3 kg/da ile Carina çeşidi ve Bursa-20 genotipinden elde edilmiştir.

Anahtar Kelimeler: Islah, kuru bezelye, çeşit,

**UX STUDY ON HANDHELD AUGMENTED REALITY GAMES BY APPLYING
SPRADLEY'S NINE DIMENSIONS DESIGN PRINCIPLE**

Pushkar PANDEY (Orcid ID: 0000-0002-5894-1036)

Indian Institute of Technology, Department of Design, Kanpur 208016, India.

E-mail: pushkarp@iitk.ac.in

Renu KUNDU (Orcid ID: 0000-0002-5894-1036)

Indian Institute of Technology, Department of Design, Kanpur 208016, India

Abstract

The first step in researching augmented reality was making a head-mounted three-dimensional display at the beginning of 1968. The idea behind a three-dimensional display is to show the user a perspective image from a different point of view that changes as the user moves. Since that time, the majority of growth in augmented reality has been driven by technology. The researcher's emphasis on AR's technological aspects, such as its hardware and software, has resulted in very few initiatives directed toward user experience and exploration studies. To address the transition of the notion of augmented reality from research/laboratories to the general user, it is necessary to approach the technology in a more user-friendly, user-centric manner. In this study, we focus on handheld augmented reality (HAR) gaming applications and propose to employ Spradley's nine dimensions to investigate components of handheld augmented reality experience so that designers may comprehend the human-centric design approach. We posted a questionnaire to a diverse sample of 215 individuals. After the questionnaire, we select 35 individuals and provide them with our iPhone11 to play AR Games for direct observation. In the result, we found out 61.9% of users know about HAR games, and 8.1% of users played the AR game without understanding that it is known to handle augmented reality implying that even after utilising augmented reality, many are unaware of it. 28.2% (strongly agree) and 32.5% (agree) on the issue that it is easier to get skilled at AR games. We conclude our research by finding out there are 4 insights related to the HAR games. The detail of these insights is discussed in context with the human-centric design in HAR games.

Keywords: handheld augmented reality (HAR), user-centric, Spradley's nine dimensions, human-centric design

**APPLYING UX PRINCIPLES TO FIND PRE-PATTERNS IN HANDHELD
AUGMENTED REALITY GAMES**

Pushkar PANDEY (Orcid ID: 0000-0002-5894-1036)

Department of Design, Indian Institute Of Technology Kanpur, India

E-mail: Pushkarp@Iitk.Ac.In, +91_9021818161

Abstract

Reality-based interfaces that produce "embodied" game play experiences have recently attracted a lot of attention from the gaming industry and allied research areas. Handheld augmented reality (HAR) is a reality-based interface that superimposes computer-generated imagery (CGI) over a user's view of the actual world. In a HAR environment, players can use their existing physical and social skills to engage with the game system. The application of user experience (UX) design principles to augmented reality (AR) systems has received only a limited amount of research attention. In this study, we look into the potential relevance of such principles to the field of handheld augmented reality game development. The UX design tools such as shadowing, ethnographic research, people and context research, empathy mapping and experience map are used to define the pre-patterns in HAR games. **Participants** - We select a sample of 23 gamers of the gaming society Indian Institute of Technology Kanpur. After the sample of 23 gamers we select diverse sample of 27 individuals to dive deep into the UX research.

Keywords - embodied game, handheld augmented reality (HAR), computer generated imagery (CGI), shadowing, experience map, pre-patterns.

HALAL BEHAVIOR IN MEDIA TECHNOLOGY SYSTEM

Khanifah AULIANA

Halal Center of UIN KH ABDURRAHMAN WAHID Pekalongan

Sultan MUBAROK

Halal Center of UIN KH ABDURRAHMAN WAHID Pekalongan

Abstract

The development of this modern era, which has entered society 5.0, makes it easier for humans to use technology easily. The growth of this technology can be profitable for various purposes that can be done quickly. However, there are negative impacts that will occur if humans use technology to be misused. One example of the negative impact that exists is the opening of someone's privacy that can be tracked only by using today's modern technology systems. Therefore, efforts must be made to prevent the technology system from being used for useful things only. With the development of technology, of course, human intelligence also increases, for this reason, digital literacy or ethics is needed in using anything related to public technology. Behavior and traits that are formed can be from environmental factors or oneself. Prioritize teaching from an early age about the correct and wise use of technology through formal education or learning moral ethics from the people around you.

Keywords : halal behavior, teknologi , and information

**STRUCTURE-BASED DRUG REPURPOSING TO INHIBIT THE DNA GYRASE OF
MYCOBACTERIUM TUBERCULOSIS**

Balasubramani GL

School of Biotechnology, Jawaharlal Nehru University, New Delhi – 110067

Rinky RAJPUT

School of Biotechnology, Jawaharlal Nehru University, New Delhi – 110067

Manish GUPTA

School of Biotechnology, Jawaharlal Nehru University, New Delhi – 110067

Pradeep DAHIYA

National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi

Jitendra K THAKUR

National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi

Rakesh BHATNAGAR

Banaras Hindu University, Banaras, Uttar Pradesh-221005, India

Abhinav GROVER

School of Biotechnology, Jawaharlal Nehru University, New Delhi - 110067

Email: address of corresponding author: glbal87@gmail.com

Short Introduction

Drug repurposing is an alternative avenue for identifying new drugs to treat tuberculosis (TB). Although TB can be cured with anti-tubercular drugs, the emergence of multidrug-resistant and extensively drug-resistant strains of *Mycobacterium tuberculosis* H37Rv (Mtb), as well as the significant death toll globally, necessitate the development of effective drugs to treat TB.

Experiments and Key result findings:

In this study, drug repurposing approach was employed to address this drug resistance problem by screening drugbank database to identify novel inhibitors of the Mtb target enzyme, DNA gyrase. The compounds were screened against the ATPase domain of gyrase B subunit (MtbGyrB47), and the docking results showed Echinacoside, Doxorubicin, Epirubicin, and Idarubicin possess high binding affinities against MtbGyrB47. Comprehensive assessment using fluorescence spectroscopy, SPR, and CD titration studies revealed that Echinacoside as a potent binder against MtbGyrB47. Further, ATPase, and DNA supercoiling assays exhibited IC₅₀ values of 2.1-4.7 μM for Echinacoside, Doxorubicin, Epirubicin, and Idarubicin. Among these compounds, the least MIC₉₀ of 6.3 μM and 12 μM were observed for Epirubicin and Echinacoside, respectively. Hence, our findings indicate that Echinacoside and Epirubicin target mycobacterial DNA gyrase, inhibit its catalytic cycle, and retard mycobacterium growth. Further these compounds exhibits potential scaffolds for optimizing novel anti-mycobacterial agents that can act on drug-resistant strains.

THE ROLE OF TRADITIONAL MARKETS IN COMMUNITY ECONOMIC GROWTH

Sabiq Muhammad ZAKI (Orcid ID: 0009-0002-8382-9801)

Faculty of Islamic economics and business, UIN K.H. Abdurrahman Wahid Pekalongan,
Indonesia

Hendri Hermawan ADİNUGRAHA (Orcid ID: 0000-0002-8394-5776)

Faculty of Islamic economics and business, UIN K.H. Abdurrahman Wahid Pekalongan,
Indonesia

Abstract

This study aims to determine the extent to which the role of traditional as an economic sector in growing the economy of the surrounding community, whether the community is sufficiently assisted by the presence of traditional markets or not. This study uses qualitative methods, with data collection methods through interviews, field surveys, as well as additional scientific literature from books and scientific journals. The results of this study conclude that the market is a sector that is quite taken into account in administering government. Traditional markets are one of the important sectors that support the community's economy. It contains the interests of the small to medium-sized community in meeting their needs. Traditional markets provide good accommodation for the community, especially traders and buyers because traditional markets can make it easy for people to carry out buying and selling transactions. The existence of traditional markets also provides considerable accommodation in improving the community's economy, because they are able to increase the income of traders while the buyers themselves can meet their daily needs easily and can save expenses so it can be concluded that the community can be said to be prosperous and also helped by the existence of traditional markets. Apart from that, the community's economic conditions have been greatly helped by the presence of traditional markets, but there are still some traders who feel that the daily caretaker fees are still too high and the increased income from the regional budget shows this. it is important for the government to develop traditional markets.

Keywords: The role of traditional markets, economic growth, community economy

NATURAL MODULATION OF THE GUT MICROBIOTA IN DOGS WITH SPINAL CORD INJURY

Major Gheorghe GIURGIU (Orcid ID: 0000-0002-5449-2712)

Deniplant-Aide Sante Medical Center, Biomedicine, Bucharest, Romania

E-mail: deniplant@gmail.com

Prof. Dr. Manole COJOCARU (Orcid ID: 0000-0002-6871-577X)

Titu Maiorescu University, Faculty of Medicine, Bucharest, Romania

E-mail: cojocaru.manole@gmail.com

Abstract

Background The metabolites produced by microbiota metabolism can modulate gut bacterial composition and brain biochemistry acting as neurotransmitters in the central nervous system. Polyphenols are usually hydrolysed by intestinal enzymes or by gut microbiota. In this form they reach blood, tissues and brain where exert biological activities. The dysbiosis is thought to impair recovery by decreasing the production of short-chain fatty acids which play a role in suppressing inflammation within the central nervous system. The gut microbiota can synthesise neurotransmitters or regulate their levels acting on their precursors. Alteration in the homeostasis of gut-brain axis has been associated also to spinal cord injury. **Objective** To order to show that polyphenols could increase the levels of neurotransmitters in situations of spinal injury where there is an urgent need to generate new neurons. To arrive at these observations, the authors examined how Polenoplasmin and diet solve paralysis in dogs. **Materials and methods** Dysbiosis could have significant therapeutic value in the management of spinal cord injury. **Results** In fact, some polyphenol metabolites can modulate directly neuronal receptors. Metabolites from dietary polyphenols exert neuroprotective effects after reaching the brain by crossing blood-brain barrier. Polyphenols indirect actions involve mechanisms that improve the peripheral cerebrovascular health. **Conclusion** Dietary polyphenols improve vasodilatatory response and increase levels of circulating nitric oxide species that are essential in the control of vascular tone; vasodilation and blood flow in the body and in cerebral circulation. Gut microbiota are able to synthesize neurotransmitters thus microbiota homeostasis can impact on spinal cord injury.

Keywords: gut microbiota, polyphenol metabolites, neurotransmitters, spinal cord injury, Polenoplasmin

INVESTIGATION OF MINERALS IN FRUIT PEELS POWDER: ULTRASOUND ASSISTED EXTRACTION FOLLOWED BY FLAME ATOMIC ABSORPTION SPECTROMETRY

Dr Mahmood Ahmed (Orcid ID: 0000-0002-2285-7406)

Department of Chemistry, Division of Science and Technology, University of Education,
Lahore-Pakistan,
E-mail: mahmoodresearchscholar@gmail.com

Abstract

Osteoporosis is a worldwide disease depicted by the reduced bone mass, an adequate supply of minerals are needed to support bone remodeling and their deficiency causes bone-related diseases, osteoporosis in particular, and have osteo-protective effects. The aim of recent research was to quantify the micro (Mn, Fe, Cu, and Zn) and macro elements (Mg, K, and Ca) in the peels powder of some common fruits (pomegranate, orange, lemon, mango, and grapefruit) by flame atomic absorption spectrometer (FAAS). The extraction of micro and macro elements in peels powder was done by using dilute acids in ultrasonic bath. Apple leaves were used as standard reference material (SRM, NIST 1515) to optimize the ultrasound assisted extraction (UAE) method at varied operating parameters. Maximum response was obtained for extracting of minerals in 500 mg SRM at 60 °C temperature, setting a vortexing time of 5 min. while using 5.0 mL extracting agent HNO₃ (0.5 M)-H₂O₂ (10 %) at 90 % sonication amplitude of ultrasound bath for 6 min. While analyzing the SRM, the percentage recovery was obtained in ranged between 96.8-102.7 % to assure the accuracy whereas repeatability (n = 10) study in terms of % RSD yielding \leq 2.29 well support the precision of proposed method and limits of quantitation ($\mu\text{g/g}$) were 0.034, 0.061, 0.065, 0.057, 0.017, 0.175 and 0.053 for Mn, Fe, Cu, Zn, Mg, K and Ca respectively. The proposed UAE method was reliable, efficient, and advantageous over the conventionally employed acid digestion method with regards to less consumption of reagents and short analysis time for the determination of micro and macro elements in fruit peels powder.

Keywords: Bone health, Osteoblasts, Osteoclasts, Ultrasound Extraction, Spectrometry

**FARKLI ÖN UYGULAMALARIN SARIMSAK (*Allium sativum* L.)
TOHUMLARINDA DORMANSİNİN KIRILMASI ÜZERİNE ETKİLERİ**

Esra CURA (0009-0002-3572-321X)

Bursa Uludağ Üniversitesi, Fen Bilimleri Enstitüsü, Bahçe Bitkileri Anabilim Dalı, Bursa

E-mail: 502001010@ogr.uludag.edu.tr

Dr.Öğr. Üyesi Sevin TEOMAN DURAN (0000-0003-1469-6777)

Bursa Uludağ Üniversitesi, Karacabey Meslek Yüksekokulu, Bitkisel ve Hayvansal Üretim
Bölümü, Organik Tarım Programı, Bursa

E-mail: sevinteoman@uludag.edu.tr

Prof.Dr. Meryem İPEK (0000-0002-0609-3442)

Bursa Uludağ Üniversitesi, Ziraat Fakültesi, Bahçe Bitkileri Bölümü, Bursa

E-mail: msipek@uludag.edu.tr

Prof.Dr. Ahmet İPEK (0000-0001-5821-2426)

Bursa Uludağ Üniversitesi, Ziraat Fakültesi, Bahçe Bitkileri Bölümü, Bursa

E-mail: maipek@uludag.edu.tr

Özet

Sarımsak, Amarydaliaceae familyasında soğandan (*Allium cepa* L.) sonra en çok kültürü yapılan önemli bir bitki türüdür. Sarımsak, tohumlarında meydana gelen dormansi nedeni ile tohumla çoğaltım yöntemi kullanılarak üretilmemektedir. Sarımsak üretimi ve çoğaltımı dişler ile yapılmaktadır. Ancak, dişler ile çoğaltım yöntemi pahalı olmasının yanı sıra, işçilik de gerektirmektedir. Sarımsak bitkisinin çoğaltımında sarımsak tohumlarının kullanılabilmesi için sarımsak tohumlarında görülen dormansının kırılması ve çimlenmenin teşvik edilmesi gerekmektedir. Bu çalışmanın amacı, farklı ön uygulamaların (katlama, giberellik asit, ve giberellik asit + katlama uygulamaları) sarımsak tohumlarında dormansının kırılması üzerine etkilerinin incelenmesidir. Bu araştırmada, iki farklı genotipteki sarımsak populasyonundan elde edilen tohumlar kullanılmıştır ve tohumlar hasat edildikten hemen sonra uygulamalara başlanmıştır. Katlama uygulamalarında; tohumlar 4°C sıcaklıkta, nemli kum içerisinde farklı süreler ile (0, 2, 4, 6 ve 8 hafta) bekletilmişlerdir. Giberellik asit uygulamalarında, tohumlar 16°C sıcaklıkta 72 saat süre ile farklı konsantrasyonlardaki (250, 500, 1000 ve 1500 ppm) giberellik asit çözeltilerinde bekletilmiştir. Katlama+GA₃ uygulamalarında ise, tohumlara katlama uygulamalarını takiben giberellik asit çözeltilerinde bekletilmiştir. Uygulamalar sonrasında, tohumlar doğrudan çimlendirme testlerine alınmışlardır. Çimlendirme testleri sonucunda normal çimlenme oranı (%), ortalama çimlenme süresi (gün) ve çimlenme indeksi değerleri hesaplanmıştır. Buna göre her iki genotip için de en iyi sonuçlar, 2 hafta süre ile yapılan katlama +1000 ppm giberellik asit uygulamalarından elde edilmiştir.

Anahtar Kelimeler: *Allium sativum* L., GA₃, normal çimlenme oranı, ortalama çimlenme süresi, tohum dormansısı

SELF-AWARENESS OF THE KHAMR EFFECTS

Dinda SAFIRA (Orcid ID: 0009-0003-9146-2859)
UIN K.H. Abdurrahman Wahid Pekalongan, Indonesia

Hendri Hermawan ADİNUGRAHA (Orcid ID: 0000-0002-8394-5776)
UIN K.H. Abdurrahman Wahid Pekalongan, Indonesia

Abstract

The purpose of this research is to describe self-awareness of the khamr effects. This research method uses a literature review approach that originates from books, journals and other literary sources related to self-awareness of the khamr effects. The results of this study's literature review concluded that there was a significant relationship between self-awareness and khamr consumption behavior. The higher the level of self-awareness, the lower a person's desire to consume khamr, because they already know the negative effects of consuming khamr. Vice versa, the lower the level of self-awareness, the easier it is for someone to be affected by negative things, including consuming khamr. However, a person's attitude of self-awareness is influenced by factors from the individual himself as well as factors from the surrounding environment. The negative impact of khamr can cause mental disorders and even dangerous health problems. In addition, consuming khmar also causes addiction which can cause death due to the long-term effects of consuming khamr. But many khamr consumers ignore the negative effects of khamr. Everything that happens to a person begins with his own mindset and awareness. Therefore a person must have a strong foundation of life principles that must be adhered to.

Keywords: Self-awareness, Impact, Negative, and Khamr

**PENGARUH PENGELOLAAN SİSTEM AKUNTANSİ KEUANGAN DAERAH
TERHADAP KUALİTAS LAPORAN KEUANGAN KABUPATEN PEKALONGAN**

Artini Fatikhatu Yaa SIINTA (Orcid ID: 0009-0003-5275-2183)

UIN K.H. Abdurrahman Wahid Pekalongan, Indonesia

Hendri Hermawan ADİNUGRAHA (Orcid ID 0000-0002-8394-5776)

Faculty of Islamic economics and business, UIN K.H. Abdurrahman Wahid Pekalongan,

Abstract

The purpose of this study is to explain the influence of the management of the regional financial accounting system on the quality of the financial statements of Pekalongan Regency. This study uses a systematic literature review method. The data sources for this research come from books, journals and other literature related to the potential and opportunities for exporting halal cosmetic products in Indonesia. Analysis of research data using VOSviewer - Visualization of scientific landscapes. Specifically, the objective of government financial reports is to provide information useful for decision making and to demonstrate the accountability of the reporting entity for the resources entrusted to it to fulfill these objectives. Government Accounting Standards Government financial reports such as balance sheets, budget realization reports, cash flow reports and notes to financial statements, as discussed above, are prepared in accordance with Government Accounting Standards. This standard regulates, among other things, when assets, liabilities, revenues, expenditures, financing receipts, sales expenditures are recorded in accounting and subsequently reported in the financial statements; how to determine the value of each element of the financial statements; how to disclose it so that the reporting of the elements of the financial statements can be adequately explained. If a centralized system is used, the person responsible for accounting for all financial transactions is assigned to one SKPD (usually the Regional Financial and Asset Management Service) and treats transactions that occur as transactions at the regional government level.

Keywords: financial statements, accountancy, management

INTRODUCTION OF FINANCIAL ACCOUNTING STANDARDS TO SMA/SMK STUDENTS IN BATANG DISTRICT

Fatma Azzahra Puspita SARI (Orcid ID: 0009-0000-5741-5299)

UIN K.H. Abdurrahman Wahid Pekalongan, Indonesia

Email: fatmaazzahra053@gmail.com

Hendri Hermawan ADINUGRAHA (Orcid ID: 0000-0002-8394-5776)

UIN K.H. Abdurrahman Wahid Pekalongan, Indonesia

Abstract

The purpose of this research is to educate students about what financial accounting standards/SAK are. This study uses qualitative methods, with data collection methods through interviews, field surveys, as well as additional scientific literature from scientific journals. The findings in this study conclude that Financial Accounting Standards (SAK) are Statements of Financial Accounting Standards (PSAK) and Interpretations of Financial Accounting Standards (ISAK) issued by the Standards Board of the Indonesian Institute of Accountants (DSAK IAI) and the Sharia Standards Board of the Indonesian Institute of Accountants (DSAS IAI).) as well as capital market regulatory regulations for entities under its supervision. Objectives of Financial Accounting Standards (SAK): For uniformity, relevant and reliable financial statements, Facilitate the preparation of financial reports due to standard guidelines so as to minimize the bias of preparation, Facilitate auditors in auditing, Facilitate financial statement readers to interpret and compare financial statements of different entities , There are many users of financial statements so that the preparer cannot explain it to each user. There are 4 types of SAK, namely SAK, SAK-ETAP, SAK Syariah, and SAK EMKM. The process for preparing Financial Accounting Standards: The Due Process Procedure for preparing and repealing financial accounting standards/sharia financial accounting standards and the Due Process Procedures for preparing technical bulletins and annual improvements are not required to follow all due process stages regulated as referred to in paragraph.

Keywords: Financial Accounting Standards, financial reports, Indonesian Accounting Association

AN OVERVIEW OF E-WALLET

Sabita KHADIQOH (Orcid ID: 0009-0006-4919-7598)

UIN K.H. Abdurrahman Wahid Pekalongan, Indonesia

Hendri Hermawan ADINUGRAHA (Orcid ID: 0000-0002-8394-5776)

Faculty of Islamic economics and business, UIN K.H. Abdurrahman Wahid Pekalongan,
Indonesia

Abstract

This study aims to explain the use of e-wallets for students of the Islamic Faculty of Economics and Business UIN K.H. Abdurrahman Wahid Pekalongan. This study uses a descriptive qualitative approach. Researchers obtained data by conducting interviews as primary data and secondary data obtained data from books, journals, other written information that has relevance to the research topic. This research involved fifteen students of the Faculty of Islamic Economics and Business at UIN K.H. Abdurrahman Wahid Pekalongan who uses e-wallets in transactions. This research resulted in the following conclusions: current technological developments affect all activities that were originally done manually, now they can be done instantly. As a result, the needs of consumers in terms of making payments have also changed, where initially the payment system was made with cash, now a non-cash payment system has appeared in the form of an e-wallet. E-wallet is a form of Fintech (Financial Technology) that utilizes internet media and is used as an alternative payment method. In Indonesia there are various e-wallet products, the most popular of which include Dana, ShopeePay, GoPay and Ovo. Advertisements and social environmental factors are the main sources of e-wallet information for students. Students use e-wallets for various needs, such as transportation needs, buying credit, buying food, and shopping for clothes. The three basic reasons are the attractive promos offered, convenience, and ease of payment because they can be made anywhere to make students interested in using them.

Keywords: e-wallet, use value and benefits, cashless and digital payment

CHARACTERISTICS OF THE ISLAMIC ECONOMY

Suci Rahmawati (Orcid ID: 0009-0008-0904-644X)
UIN K.H. Abdurrahman Wahid Pekalongan, Indonesia

Hendri Hermawan ADİNUGRAHA (Orcid ID: 0000-0002-8394-5776)
Faculty of Islamic economics and business, UIN K.H. Abdurrahman Wahid Pekalongan,
Indonesia

Happy Sista DEVY (Orcid ID: 0000-0002-2966-6389)
Faculty of Islamic economics and business, UIN K.H. Abdurrahman Wahid Pekalongan,
Indonesia

Abstract

This study aims to explain the Characteristics of Islamic Economics. This study uses a literature review approach that originates from books and journals related to the characteristics of Islamic Economics. This research literature review resulted in the following conclusions: Islamic economics is a decision-making process of production, distribution and consumption activities based on sources of Islamic law, namely the Koran and hadith. The characteristics of Islamic Economics include three main principles. The three of them fundamentally and jointly regulate economic theory in Islam, namely the principles of faith, morality and the principle of law (muamalah). There are several characteristics of Islamic Economics as mentioned in Al Mawsuah Al-ilmiyah wa al-amaliyah al Islamiyah which are summarized as follows: Property Belongs to Allah and Humans Be the Khalifah of wealth; Economy is Bound by Aqidah, Sharia (Law), and Moral; Balance between Spiritual and Material; Islamic Economics creates a balance between individual interests and public interests; Individual Freedom Guaranteed in Islam; The State Is Authorized to Intervene in the Economy; Consumption Guidance; Investment Instructions; Riba Prohibition; Zakat. The relationship between Islamic economics and Islamic faith is evident in many ways, such as the Islamic view of the universe which is subdued (provided) for the benefit of humans. The relationship between Islamic economics and faith and sharia allows economic activity in Islam to become worship. Islam emphasizes the importance of functioning money in its normal field, namely as a transaction facility and a means of valuing goods. Among the factors that divert money from its normal field is interest (usury).

Keywords: Characteristics economics Islam, faith, and morals

**KAHRAMANMARAŞ KOŞULLARINDA BAZI EKMEKLİK BUĞDAY
ÇEŞİTLERİNİN OPTİMUM AZOT İHTİYAÇLARININ BELİRLENMESİ**

Doç. Dr. Hatun BARUT (Orcid ID: 0000-0003-2482-6715)
Doğu Akdeniz Tarımsal Araştırma Enstitüsü Müdürlüğü, ADANA
E-mail: baruthatun@yahoo.com

Dr. Sait AYKANAT (Orcid ID: 0000-0002-5690-408X)
Doğu Akdeniz Tarımsal Araştırma Enstitüsü Müdürlüğü, ADANA
E-mail: saitaykanat@hotmail.com

Doç. Dr. Rukiye KARA (Orcid ID: 0000-0003-1493-8473)
Doğu Akdeniz Geçit Kuşağı Tarımsal Araştırma Enstitüsü Müdürlüğü,
KAHRAMANMARAŞ
E-mail: rkara46@gmail.com

Dr. C. Hakan YILMAZ (Orcid ID: 0000-0003-3680-453X)
Doğu Akdeniz Geçit Kuşağı Tarımsal Araştırma Enstitüsü Müdürlüğü, KAHRAMANMARAŞ
E-mail: c_hakanyilmaz@hotmail.com

Dr. Halil AYTOP (Orcid ID: 0000-0003-0506-3724)
Doğu Akdeniz Geçit Kuşağı Tarımsal Araştırma Enstitüsü Müdürlüğü, KAHRAMANMARAŞ
E-mail: halil.aytop@tarimorman.gov.tr

Prof. Dr. Selim EKER (Orcid ID: 0000-0001-6156-5724)
Çukurova Üniversitesi Ziraat Fak. Toprak ve Bitki Besleme Bölümü, ADANA
E-mail: eker60@cu.edu.tr

Özet

Bu araştırma, son yıllarda Doğu Akdeniz Tarımsal Araştırma Enstitüsü tarafından tescil ettirilmiş ekmeklik buğday çeşitlerinin azotlu gübre ihtiyaçlarının Kahramanmaraş bölgesi için belirlenmesi amacıyla yürütülmüştür. Deneme, Doğu Akdeniz Geçit Kuşağı Tarımsal Araştırma Enstitüsü (Kahramanmaraş) arazilerinde, tesadüf bloklarında bölünmüş parseller deneme deseninde üç tekerrürlü olarak kurulmuş, ana parsellerde çeşitler, alt parsellerde ise azot dozları yer almıştır. Araştırmada 4 adet ekmeklik buğday çeşidi (Gökkan, Yakamoz, Altınöz ve Candaş) tohumluk materyali olarak kullanılmıştır. Ekmeklik buğday çeşitleri için 5 farklı azot düzeyi (0, 7, 14, 21 ve 28 kg N/da) uygulanmıştır. Ekimle tüm parsellere dekara 8

kg P₂O₅ düşecek şekilde gübreleme yapılacaktır. Araştırma sonucunda, buğday çeşitleri için gerekli optimum saf azot (N) dozları belirlenmiştir. Yapılan araştırmada; tüm çeşitlerde verim ile azot dozu arasında kuadratik ilişki ($Y=a+bx+cx^2$) olduğu tespit edilmiştir. Buna göre azot dozları ile buğday verimleri arasındaki ilişki; Gökkan çeşidi için $Y=237.02+37.92X-0.91X^2$ ve buna göre uygulanabilecek optimum azot miktarı 20.83 kg/da'dır. Yakamoz çeşidi için; $Y=166.58+23.43X-0.55X^2$ ve optimum azot miktarı 21.30 kg/da'dır. Altınöz çeşidi için; $Y=236.56+39.76X-1.07X^2$ ve optimum azot miktarı 18.57 kg/da ve Candaş çeşidi için ise $Y=222.78+36.74X-0.96X^2$ ve optimum azot miktarı 19.13 kg/da olarak belirlenmiştir. Yapılan araştırmada azot dozlarının bazı verim (bitki boyu, metrekarede başak sayısı, 1000 dane ağırlığı, hektolitre ağırlığı) ve kalite (protein, glüten, sedimentasyon) parametreleri üzerine etkileri de araştırılmıştır.

Anahtar kelimeler: Ekmeklik buğday, azot dozu, verim, kalite

TAX FUNCTION FOR THE STATE

Siska YULIANA (Orcid ID: 0009-0004-8485-8166)
UIN K.H. Abdurrahman Wahid Pekalongan, Indonesia

Hendri Hermawan ADİNUGRAHA (Orcid ID: 0000-0002-8394-5776)
UIN K.H. Abdurrahman Wahid Pekalongan, Indonesia

Abstract

This study aims to explain the importance of the tax function for the state. This study uses a descriptive qualitative method based on a literature review approach and analysis sourced from books and journals related to the importance of the tax function for the state. This research literature review resulted in the following conclusions: The largest source of state revenue in Indonesia is taxes. So Tax is an obligation of every citizen which is collected by the government of a country every year through a special agency or agency that handles tax collection matters. The amount of tax that must be paid depends on the amount of income or the object of the tax. Tax is not something foreign to the ears of the general public, almost all groups of people know about taxes. Where taxes are coercive, so do not be surprised if a terrible picture in the minds of the people appears when the word "Tax" is mentioned. So that people who have registered as taxpayers are directly overshadowed by dependents because they have to share the proceeds earned to pay taxes, especially since the benefits cannot be felt immediately. Taxes have two functions, namely taxes as a source of state finance (budgetair) meaning that taxes are a source of government revenue to finance expenditures, and taxes as regulators (regularend) meaning taxes are a tool for regulating or implementing government policies in the social and economic fields, as well as achieving certain non-financial purposes.

Keywords: tax, tax function for the state, tax function

EFFICIENT VALORIZATION OF POULTRY BY-PRODUCTS VIA METHANE PRODUCTION OPTIMIZATION

Ayoub CHAOUI

Ibn Zohr University, Faculty of Sciences, Agadir, Morocco

E-mail: ayoub.chaoui.88@gmail.com

Abstract

This investigation concerns the employment of poultry by-products as a substrate for anaerobic digestion and the enhancement of methane production. Experimental trials employing chicken waste as substrate were conducted at a temperature of 38°C in order to explore the influence of various factors, such as ratios of inoculum to the substrate, pH, feather effect, and inoculum type, on anaerobic digestion. The results show that the yield coefficient exhibited a range of variation across the tested values, with the maximum methane production of 275 ml CH₄ obtained under optimal factors including an inoculum-to-substrate ratio of 50%, a pH of 8, chicken waste without feathers, and an inoculum with a basic solution. Moreover, in order to elevate the digestibility of chicken waste, diverse pretreatments were examined, such as dilution pretreatment using different dilution factors of 2, 4, 6, and 8, and the impact of extra alkalinity was evaluated using different volumes of 10, 30, and 50 ml. The combination of these two pretreatments resulted in an increase in methane yield to 550 ml, corresponding to a 107% improvement relative to the yield from untreated poultry by-products.

Keywords: Anaerobic digestion. waste recovery, poultry by-products, Pretreatment. Methane production. Bioenergy.

PILLARS AND TERMS OF SALE AND PURCHASE

Michelle Prajna PRAMESWARÍ (Orcid ID: 0009-0004-8304-2894)

UIN K.H. Abdurrahman Wahid Pekalongan, Indonesia

Hendri Hermawan ADİNUGRAHA (Orcid ID: 0000-0002-8394-5776)

Faculty of Islamic economics and business, UIN K.H. Abdurrahman Wahid Pekalongan,
Indonesia

Abstract

This study aims to explain the pillars and conditions of buying and selling. Judging from the type of data, the method used in this study is a qualitative approach. This study resulted in the following conclusions: According to the term pillar, it is defined as something that is formed into the existence of something other than its existence, considering that something exists with the pillars or the elements themselves, not because of their uprightness. As for conditions, according to the terminology of the jurists as formulated by Muhammad Khudlari Bek, is something whose absence obliges and results in the absence of the law itself. Buying and selling is considered valid if the pillars and conditions have been fulfilled. The pillars in question are: First, there is a seller and a buyer, both of them must meet the requirements, namely wise, mature, not extravagant, and no coercion from any party. Second, there are goods to be traded, with the condition that the goods must be present at the time of the transaction, in the form of useful assets, belonging to themselves and can be controlled, and not disgusting items such as carrion and excrement. Finally, there is a sighthat or consent sentence, consent granted can be done with the words submission or acceptance, or it can also be in written form, such as invoices, receipts, or notes, and et cetera. The terms of the consent granted are clear and understandable statements, and shows the will of both parties.

Keywords: Pillars, Terms, and Buying and Selling.

**MICRO SMALL MEDIUM ENTERPRISES (MSMEs) PERCEPTION ON THE
IMPORTANCE OF FINANCIAL REPORTS**

Ajeng Nafilatun NIKMAH (Orcid ID: 0009-0005-3862-1907)

UIN K.H. Abdurrahman Wahid Pekalongan, Indonesia

Hendri Hermawan ADİNUGRAHA (Orcid ID: 0000-0002-8394-5776)

UIN K.H. Abdurrahman Wahid Pekalongan, Indonesia

Ade GUNAWAN (Orcid ID: 0009-0008-1780-2831)

UIN K.H. Abdurrahman Wahid Pekalongan, Indonesia

Ria Anisatus SHOLİHAH (Orcid ID: 0000-0003-4113-7284)

UIN K.H. Abdurrahman Wahid Pekalongan, Indonesia

Abstract

This study aims to determine the development of MSME businesses in recording financial reports, so that later they can be used as material for evaluating researchers to socialize recording and reporting of financial reports for MSME business actors. In this study using the literature review method obtained from previous research books and journals related to the Perceptions of MSME Actors on Financial Statements and using a technique in the form of the documentation method. Based on this study, information was obtained that MSME actors often underestimate the recording of financial reports, even considering that financial reports are something complicated. Padalah by recording financial reports in accordance with SAK EMKM standards can increase the credibility of the company and can be used as material for evaluating the company's performance in one period. So far, MSME entrepreneurs only make very simple financial reports, so they are not in accordance with SAK EMKM rules.

Keywords: MSME, financial reports, EMKM

EFFECTIVE TIME MANAGEMENT STRATEGIES FOR COLLEGE STUDENTS

Nailun NAJA (Orcid ID: 0009-0003-2653-5855)
UIN K.H. Abdurrahman Wahid Pekalongan, Indonesia

Hendri Hermawan ADİNUGRAHA (Orcid ID: 0000-0002-8394-5776)
Faculty of Islamic economics and business, UIN K.H. Abdurrahman Wahid Pekalongan,
Indonesia

Abstract

The purpose of this research is to describe an effective time management strategy for university students. This research method uses a literature review approach that originates from books and journals related to effective time management strategies for students. The results of this research literature review concluded that students must have an effective management strategy so that the time they have is not wasted. Effective time management will improve student learning outcomes. By optimizing a good management strategy it will have a major effect on learning outcomes. However, managing time management strategies is not easy for students. Most of the results of student research cannot be consistent with effective time rules. The process of setting a strategy is very important. If it is related to time, the process of forming a strategy in making time management becomes a matter of principle. Time requires a strategy in using it, if students can manage time strategies efficiently it means that students are also able to manage their lives effectively. The management strategy process is characterized by efforts to achieve goals through certain strategies and policies. Thus the first step is goal setting. The second step is determining the strategy to achieve these goals. With a strategy in managing time, it means that students can make the best use of their time so that the time they have is not wasted. With a strategy, students are able to manage time well. Students will not be confused in managing time, because they already have a strategy that has been made.

Keywords: Strategy, time management, effective

THE EFFECT OF TRINEXAPAC-ETHYL ON PLANT HEIGHT, YIELD AND SOME AGRICULTURAL TRAITS OF WINTER BREAD WHEAT (*Triticum aestivum L.*)

Assist. Prof. Dr. Mehmet Zahit YEKEN (Orcid ID: 0000-0003-0490-371X)

Bolu Abant İzzet Baysal University, Faculty of Agriculture, Department of Field Crops, Bolu

E-mail: yekenmehmetzahit@gmail.com

Abstract

This study was carried out at Sakarya Maize Research Institute in the Pamukova district of Sakarya province to investigate the effects of different doses of trinexapac-ethyl on plant height, yield and some agricultural characters in winter wheat in 2021-2022. The experiment was established with four replicates according to the randomized blocks experimental design, and the Alada variety (plant height: 90-105 cm) was used as a plant material. Plant height, grain yield, 1000 grain weight, hectoliter weight, seed size (over 2.5 mm sieve) and number of grains per spike traits were examined in both the trinexapac-ethyl applied plots and the control plots in the experiment. The data of investigated traits were subjected to variance analysis and the mean values were compared using the DUNCAN multiple comparison method. As a result, it was determined that a 10 g/da dose of trinexapac-ethyl significantly shortened the plant height (13-14%) and increased the grain yield of wheat.

Keywords: Wheat, yield, lodging

**THE DECISION TO MARRY WITHOUT HAVING CHILDREN (CHILDFREE)
FROM HUMAN RIGHTS PERSPECTIVE (WOMEN'S REPRODUCTIVE RIGHTS)**

Anggun HERAWATİ (Orcid ID: 0009-0009-3493-9650)

UIN K.H. Abdurrahman Wahid Pekalongan, Indonesia

Hendri Hermawan ADİNUGRAHA (Orcid ID: 0000-0002-8394-5776)

Faculty of Islamic economics and business, UIN K.H. Abdurrahman Wahid Pekalongan,
Indonesia

Abstract

The purpose of this study is to examine the decision to marry without having children or childfree from the perspective of human rights (women's reproductive rights). The research method used is library research which originates from books and journals related to childlessness in the perspective of Human Rights (HAM). The data analysis technique in this research uses a qualitative descriptive analysis technique. Childfree is a term for people who make the decision not to have children - childfree. The decision to be childfree raises a negative stigma from society. Childfree can be defined as a view of a husband and wife who decide not to have children. Childfree is not a new term, many married couples in big countries have chosen this decision. The decision to choose childfree in household life cannot be separated from the role of husband and wife. This is because it concerns their reproductive rights. Human rights are a form of guaranteed protection in law, especially women's rights, the decision to Childfree is something that does not affect the marriage relationship. It depends on the female body. Therefore, Childfree's decision is a woman's right and a person's personal right that must be supported. Even though there has been a change in the purpose of marriage which is no longer focused on the presence of a child. However, it turns out that the presence of children will always be considered important in marriage. Therefore, the changes that have occurred have enabled society to begin to accept marriage conditions that have so far been considered less than ideal, for example childless marriages.

Keywords: Childfree, Reproduction, Human Rights

THE LATEST DEVELOPMENTS IN THE ISLAMIC ECONOMY IN INDONESIA

Nazhifah Meydyna SILVA (Orcid ID: 0009-0003-4253-2291)

UIN K.H. Abdurrahman Wahid Pekalongan, Indonesia

Hendri Hermawan ADİNUGRAHA (Orcid ID: 0000-0002-8394-5776)

Faculty of Islamic economics and business, UIN K.H. Abdurrahman Wahid Pekalongan,
Indonesia

Tamamudin (Orcid ID: 0000-0002-2925-080X)

Faculty of Islamic economics and business, UIN K.H. Abdurrahman Wahid Pekalongan,
Indonesia

Abstract

This study aims to explain the latest Sharia Economic Development in Indonesia. This study uses a literature review approach sourced from books and journals related to the latest Islamic economic developments in Indonesia. This research study resulted in the conclusion that the development of sharia economy in Indonesia has developed, the proof is the existence of various Islamic financial institutions, the existence of sharia economics study programs, a lot of sharia economic literature, the existence of sharia economic and business consulting companies, the presence of Muslim economists and the emergence of sharia economic movement organizations. The government also participates in the development of the sharia economy in Indonesia, namely by creating regulations to support the development of sharia business.

Keywords: Development, Sharia Economy, and Indonesia.

ETHIC and MORAL PROBLEMS in the PRESENT

Sulis SETİYANİNGRUM (Orcid ID: 0009-0007-0432-2102)

UIN K.H. Abdurrahman Wahid Pekalongan, Indonesia

Hendri Hermawan ADİNUGRAHA (Orcid ID: 0000-0002-8394-5776)

Faculty of Islamic economics and business, UIN K.H. Abdurrahman Wahid Pekalongan,
Indonesia

Abstract

In society there are various problems that occur between ethics and morals, such as examples of drug abuse and illegal drugs, drugs are now one of the problems of morality in society, corruption and neoptism are social diseases that hit the world community. Especially in newly developing countries, say Indonesia, this disease is a serious problem and very difficult to eradicate. as for also crossing the street randomly one of the violations that generally occurs on the street is pedestrians, therefore the solution that needs to be needed is awareness from the community because it can endanger the lives of hell, littering even though a place has been provided for the garbage but there are still people who throw it away haphazardly, as we know that in religion there are values of morality and ethics, therefore religious education in the community is very necessary, and also environmental and social factors are one of the factors that cause people to fall into morality problems, as expressed "bad associations destroy good habits" means wherever we are and with whom we associate it will have an impact on our way of life. Therefore, we must be careful. From this problem, it can be concluded that the problem of morality is a problem that continuously becomes our problem. Because like it or not, we as humans live in a diverse socio-cultural environment. Therefore, let's take care of each other and our families so that we don't get into issues of morality and ethics.

Keywords: Problems, Ethics, Morals

**INFLUENCE OF WELFARE PACKAGES ON CONSTRUCTION WORKERS
PRODUCTIVITY IN NIGERIA: A REVIEW**

Kingsley Sunday IHEDIGBO

Department of Building, Federal University of Technology Minna, School of Environmental,
Minna, Nigeria.

E-mail: kingsleyihedi@gmail.com

Christopher Egwu OLUGHU

Department of Building, School of Environment Studies, Nnamdi Azikiwe University, Awka,
Anambra, Nigeria

E-mail: xtopherolughu3@gmail.com

Abdulkabir Opeyemi BELLO

Department of Building, Federal University of Technology Minna, School of Environmental,
Minna, Nigeria.

E-mail: abdulkabir.pg207392@st.futminna.edu.ng

Abstract

The economic favourable growth, large profitability, social progress and performance of any organisation is directly depended on the high labour productivity output. Furthermore, in every labour intensive industry, such as the construction industry, project performance is tied to the effectiveness and efficient of its labour productivity. The poor performance of the Nigerian construction industry in terms of project delay, low productivity output, and quality deficiency are caused by inadequate utilisation of welfare facilities and lack of basic amenities for the workers. Based on this, various theories relating to welfare packages and employees productivity were synthesised to bring to the fore through review the welfare packages influence on worker's productivity. The Functional labour welfare theory holds that, employees are more effective, efficient, committed, and productive when their welfare is being taken care of which in turns leads to their mental and physical satisfaction. However, Equity theory to employees welfare assumes that employees should be fairly and sufficiently rewarded according to the amount of effort they put in to perform a particular job. The review revealed that a set of mutually reinforcing, integrated welfare packages have a more substantial influence on workers productivity. Thus, best welfare packages, and policies to improve the construction workers productivity are suggested.

Keywords: Welfare packages, productivity, construction workers, construction industry, Nigeria

PRODUCTION FACTORS IN THE DEVELOPMENT OF THE ISLAMIC ECONOMY IN INDONESIA

Yusril BARİKİ (Orcid ID: 0000-0002-6983-6397)
UIN KH. Abdurrahman Wahid Pekalongan, Indonesia

Hendri Hermawan ADİNUGRAHA (Orcid ID: 0000-0002-8394-5776)
UIN KH. Abdurrahman Wahid Pekalongan, Indonesia

SUSMININGSIH (Orcid ID: 0000-0002-9620-4221)
UIN KH. Abdurrahman Wahid Pekalongan, Indonesia

Ali MUHTAROM (Orcid ID: 0000-0002-3070-8638)
UIN KH. Abdurrahman Wahid Pekalongan, Indonesia

Abstract

The purpose of this study is to explain the basic concepts of the basic principles of Islamic economics namely belief in Allah SWT as the Rabb of the universe, so that this is very closely related to the factors of production. This research method uses a library approach sourced from books and journals that are in accordance with the topic and focus of the research. The findings are that in Islam producing something is not just for self-consumption or selling to the market. These two motivations are not enough, because they are still limited to economic functions. Islam specifically emphasizes that every production activity must also realize a social function. In view of economics can be divided into two parts between economic philosophy and economics. The difference between Islamic economics and conventional economics lies in the economic philosophy, not in economics. Economic philosophy provides a spirit of thought based on Islamic values and sharia limitations, while economics contains tools of economic analysis that can be used. With this framework in mind, the factors of production in the Islamic economy are the same as the factors of production in the conventional economy, which in general can be expressed in terms of the production factor of labor, the factor of production of raw and auxiliary materials, and the factor of capital production. Among the three factors of production, it is the capital production factor that requires special attention because in conventional economics the interest system is applied. The effect of interest on capital turns out to have a widening impact on the level of production efficiency.

Keywords: Development, Factors and Production

**THE IMPORTANCE OF VOCATIONAL COMPETENCE CERTIFICATION FOR
STUDENTS FOR THE NEEDS OF FUTURE LIFE**

Fatma Azzahra Puspita SARI (Orcid ID: 0009-0000-5741-5299)

UIN K.H. Abdurrahman Wahid Pekalongan, Indonesia

E-mail: fatmaazzahra053@gmail.com

Hendri Hermawan ADİNUGRAHA (Orcid ID: 0000-0002-8394-5776)

UIN K.H. Abdurrahman Wahid Pekalongan, Indonesia

Abstract

The purpose of this study is to explain the importance of vocational competency certification for students for future life needs. This study used a qualitative method, with data collection methods through interviews, field surveys, and using a systematic literature review. The findings in this study conclude that the purpose of qualification certificates for SMK students is basically to prepare experts who are ready to work and produce quality and competent graduates. by the employer. Job seekers consider hiring SMK graduates who have the skills and specialties that suit them. Based on these aspects, qualified SMK graduates have a greater chance of being accepted at a company, of course, in a field of work that is in accordance with the required scope of majors. Large companies are of course also very considerate when looking for workers to work in their companies, especially in the field of internal accounting, because this is related to the smooth preparation of the company's financial reports which have an impact on the survival of the company. Vocational High School qualification certificates do not guarantee 100 percent acceptance to work at companies, but they can increase opportunities to be considered in employee selection. In addition, it is a matter of pride for SMK graduates who have a qualification certificate, because it is proof that knowledge, skills and attitudes have been verified by an independent third party to meet qualification standards.

Keywords: competency certification, company, opportunities

**POSSIBLE REGENERATIVE EFFECT OF BONE MARROW MESENCHYMAL
STEM CELL-DERIVED EXOSOMES İN OLEİC ACİD- INDUCED LUNG INJURY
İN RATS**

Msc. Elif ONSOZ (Orcid ID: 0000-0001-5665-8985)

Mersin University, Stem Cell and Regenerative Medicine, Mersin

E-mail: elif.onsoz@edu.unito.it

Prof. Dr. Kansu BÜYÜKAFŞAR (Orcid ID: 0000-0003-4117-6013)

Mersin University, Medicine, Medical Pharmacology, Mersin

E-mail: kansu23@yahoo.com

Doç.Dr. Leyla BAHAR (Orcid ID: 0000-0002-6910-6167)

Mersin University, Stem Cell and Regenerative Medicine, Mersin

E-mail: leylabahar@mersin.edu.tr

Dr. Öğr. Üyesi Badel ARSLAN (Orcid ID: 0000-0002-0004-3567)

Mersin University, Stem Cell and Regenerative Medicine, Mersin

E-mail: badelarslan@mersin.edu.tr

Arş. Gör. Gamze AYAR (Orcid ID: 0000-0002-5288-4755)

Mersin University, Stem Cell and Regenerative Medicine, Mersin

E-mail: gamzeayar@hotmail.com

Abstract

Acute lung injury and its advanced form, Acute Respiratory Distress Syndrome (ARDS), are important respiratory complications that are difficult to treat and have a high mortality rate. Although ARDS is frequently encountered in intensive care units, no substance or drug has been developed to treat pathological findings such as a neutrophilic alveolitis, hyaline membrane deposition and microthrombus formation. In this project, regeneration results of bone marrow-derived mesenchymal stem cells, which have been known to provide cell and tissue regeneration for years, and stem cells-derived exosomes, which are investigated as a new therapeutic treatment method, in acute lung injury were demonstrated. Oleic acid administered to rats at a dose of 60 mg/kg administered via the tail vein produced significant lung damage as shown in figure 3. When histopathological analysis was performed, oleic acid caused significant bleeding, infiltration, edema and hyperplasia in the lung parenchyma tissue. According to the

scoring of the histopathological image, damage parameters were 3 times more intense in the oleic acid group than in the control. Bone marrow stem cells in 1×10^6 numbers given from the tail vein 2 hours after acute lung injury resulted in a dramatic improvement in the parameters of bleeding, infiltration, edema and hyperplasia caused by oleic acid application. Serum total antioxidant capacity levels were evaluated by administering 1×10^6 number of exosomes released from bone marrow mesenchymal stem cells in acute lung injury induced by oleic acid (60 mg/kg) in rats. While oleic acid suppressed total antioxidant capacity as expected, exosome administration did not reverse this suppression. ANOVA was used for statistical analysis and Dunn-Sidak multiple comparison test was used for post-hoc test. The marrow stem cell group was found to be significant compared to the MSC-exosome group.

Keywords: Acute Respiratory Distress Syndrome, Acute lung injury, Exosome, Mesenchymal stem cell, Regenerative medicine

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