



2nd INTERNATIONAL MULTIDISCIPLINARY ENVIRONMENT AND HEMP CONGRESS

December 15-16, 2025 / Bursa Uludağ University

CONGRESS PROGRAM

Zoom Meeting ID: 833 1287 1999

Zoom Passcode: 020202

<https://us02web.zoom.us/j/83312871999?pwd=azRnWeBMtro9BcMVxo381zUB0bUHlb.1>

Participant Countries (18):

TÜRKİYE, ROMANIA, BOSNIA AND HERCEGOVINA, MOROCCO, PAKISTAN, INDIA,
IRAN, EGYPT, BANGLADESH, BULGARIA, ALBANIA, CHINA, GEORGIA, UKRAINE,
VIETNAM, MAURITANIA, TURKMENISTAN, NIGERIA, USA

Opening Ceremony

Date: 15.12.2025 / Ankara Time: 10:00

Prof. Dr. M. Mete Cengiz K lt r Merkezi  zel Harekat Polis Memuru İlyas
Kaygusuz Salonu

HEAD OF CONGRESS

Prof. Dr. Ahmet KARADAĞ

Department of Chemistry, Science and Letters Faculty, Bursa Uludağ University, Bursa

Sefa Salih BİLDİRİCİ

Head of IKSAD Publishing House

 mit ORHAN

Deputy General Manager of TMO

HONORARY PRESIDENT OF CONGRESS

Prof. Dr. Ferudun YILMAZ

Rector of Bursa Uludağ University

Invited Speakers

Date: 15.12.2025 / Ankara Time: 13:00-13:30

Moderator: Prof. Dr. Muhammet UZUN

Meeting ID: 833 1287 1999 / Passcode: 020202

Prof. Dr. Rahmatullah Qureshi
PMAS-Arid Agriculture University, Pakistan

Date: 15.12.2025 / Ankara Time: 15:00-15:30

Moderator: Prof. Dr. Muhammet UZUN

Meeting ID: 833 1287 1999 / Passcode: 020202

Prof. Dr. Jagadesh S. Rao
IGC Pharma LLC, United States

Date: 15.12.2025 / Ankara Time: 15:30-16:00

Moderator: Prof. Dr. Muhammet UZUN

Meeting ID: 833 1287 1999 / Passcode: 020202

Assoc. Prof. Dr. Aldwin M. Anterola
Southern Illinois University Carbondale, United States

15.12.2025 / SESSION-1



Ankara Local Time: 13³⁰-15⁰⁰

IN-PERSON BURSA ULUDAĞ UNIVERSITY

Prof. Dr. M. Mete Cengiz Kültür Merkezi

Jandarma Er Bahadır Aydın Seminer Salonu

Moderator: Prof. Dr. Muhammet UZUN

Title	Author(s)	Affiliation
THE ROLE OF HEMP IN INFLAMMATORY PROCESSES	Prof. Dr. Ufuk KOCA ÇALIŞKAN Res. Assist. Dudu Altıntaş GÜNDÜZ	Gazi University TÜRKİYE Düzce University TÜRKİYE Düzce University TÜRKİYE Gazi University TÜRKİYE
ESTABLISHING OF CANNABIS SATIVA L. PLANT TISSUE CULTURES AND OPTIMIZATION OF SECONDARY METABOLITE PRODUCTION	Lect. Hatice Beyza BAŞKAL DOĞANER Assoc. Prof. Dr. Cennet YAMAN Prof. Dr. Ufuk KOCA ÇALIŞKAN	Yozgat Bozok University TÜRKİYE Yozgat Bozok University TÜRKİYE Gazi University TÜRKİYE Düzce University TÜRKİYE
INVESTIGATION OF ANTIMICROBIAL PROPERTIES OF NARLI (Cannabis sativa l) HEMP SEED OIL	Assoc. Prof. Dr. Seda ÖZDİKMENLİ TEPELİ Assist. Prof. Dr. Musa YALMAN Assist. Prof. Dr. Kahraman SELVİ	Çanakkale Onsekiz Mart University TÜRKİYE Bandırma Onyedi Eylül University TÜRKİYE Çanakkale Onsekiz Mart University TÜRKİYE
THE POTENTIAL EFFECTS OF CANNABIS SATIVA PHYTOCHEMICALS IN LIVER HEALTH	Res. Assist. Dudu Altıntaş GÜNDÜZ Prof. Dr. Ufuk KOCA ÇALIŞKAN	Düzce University TÜRKİYE Gazi University TÜRKİYE Gazi University TÜRKİYE Düzce University TÜRKİYE
CATIONIC DYEING AND STRUCTURAL CHARACTERIZATION OF NATURAL FIBERS: JUTE AND HEMP	Humayun KABİR Zeynep AKÇAOĞLU Aysun GENÇTÜRK Prof. Dr. Muhammet UZUN	Marmara University TÜRKİYE

15.12.2025 / SESSION-2



Ankara Local Time: 13³⁰-15⁰⁰

IN-PERSON BURSA ULUDAĞ UNIVERSITY

Prof. Dr. M. Mete Cengiz Kültür Merkezi

Küçük Seminer Salonu

Moderator: Assoc. Prof. Dr. MONIREH YÜCEL

Title	Author(s)	Affiliation
STRUCTURAL TRANSFORMATION IN HEMP FIBERS: AN ECO-FRIENDLY PRETREATMENT APPROACH USING POTASSIUM CARBONATE	Özgenur DİNÇER ŞAHAN Prof. Dr. Ahmet KARADAĞ	Yozgat Bozok University TÜRKİYE Bursa Uludağ University TÜRKİYE
EVALUATION OF THE THERMAL PERFORMANCE AND SUSTAINABILITY OF AN ECO-FRIENDLY COMPOSITE THERMAL INSULATION MATERIAL DEVELOPED FROM HEMP FIBER AND LOW-MELTING POLYESTER RESIN	Mihriban SARI Kaan AKSOY	Betek Paint and Chemical Industry Inc. TÜRKİYE
EVALUATION OF HEMP-BASED BIOCOMPOSITES IN TERMS OF SUSTAINABLE INDUSTRIAL POLICIES: MATERIAL PERFORMANCE AND ECONOMIC IMPACT ANALYSIS	B. Gökhan TOPAL Nida Nisanur GÖZETLİK	OSTİM Technical University TÜRKİYE
VALIDATION OF OPTIMIZED KINETIC PARAMETERS USING INDUSTRIAL DATA FOR N-BUTANE OXIDATION TO MALEIC ANHYDRIDE IN A FIXED-BED REACTOR	Ervin Karić Ivan Petric Edina Ibrić Maida Smajlović Marijana Marković Maida Kuduzović Emir Suljaković Ermin Mujkić	Tuzla University BOSNIA AND HERCEGOVINA
ECO-FRIENDLY SYNTHESIS AND ANTIOXIDANT PROPERTIES OF SILVER NANOPARTICLES USING HALFETI BLACK ROSE EXTRACT	Ali DESTEGÜL Prof. Dr. Ahmet KARADAĞ Nusret GENÇ	Tokat Gaziosmanpaşa University TÜRKİYE Bursa Uludağ University TÜRKİYE Tokat Gaziosmanpaşa University TÜRKİYE
GREEN SYNTHESIS OF SILVER NANOPARTICLES FROM CANNABIS SATIVA AND THEIR VERSATILE APPLICATIONS	Tünay KARAN	Yozgat Bozok University TÜRKİYE

15.12.2025 / SESSION-3



Ankara Local Time: 16⁰⁰-17³⁰

IN-PERSON BURSA ULUDAĞ UNIVERSITY

Prof. Dr. M. Mete Cengiz Kültür Merkezi

Jandarma Er Bahadır Aydın Seminer Salonu

Moderator: Prof. Dr. Muhammet UZUN

Title	Author(s)	Affiliation
EFFECT OF HEMP GEOTEXTILE TO UNCONFINED COMPRESSION STRENGTH OF CLAYEY SOIL	Dr. Eren BALABAN Eren BAYRAKCI Yücel GÜNEY	Eskişehir Technical University TÜRKİYE Anadolu University TÜRKİYE
HEMP SEED PULP AS A BIOMASS SOURCE: CELLULOSE EXTRACTION AND COMPUTATIONAL EVALUATION	Lect. Nurullah KARTALOĞLU Okan UÇAR	Yozgat Bozok University TÜRKİYE
HEMP AS A LOST LEGACY: REASSESSING THE HISTORICAL AND CULTURAL ROLE OF CANNABIS SATIVA IN TURKIC CIVILIZATIONS: HISTORICAL, ARCHAEOBOTANICAL, AND ETHNOBOTANICAL PERSPECTIVES ON CANNABIS SATIVA IN EURASIA	Ahmet KALAYCI Zahra KALAYCI	Independent Researcher TÜRKİYE Marmara University TÜRKİYE
CANNABINOIDS AND THE ENDOCANNABINOID SYSTEM (2020–2025) PHARMACOLOGICAL ADVANCES, INDUSTRIAL TRANSFORMATIONS AND REGULATORY TRAJECTORIES WITH FOCUS ON THCP AND BIG PHARMA INTEGRATION	Ahmet KALAYCI Zahra KALAYCI	Independent Researcher TÜRKİYE Marmara University TÜRKİYE
HEMP (CANNABIS SATIVA L.) AS AN ALTERNATIVE FEED INGREDIENT IN ANIMAL NUTRITION	M. Kemal KÜÇÜKERSAN Seher KÜÇÜKERSAN Yusuf YÜKSEL Mehmet Ali EREN	Ankara University TÜRKİYE
CANNABIS SATIVA L. IN ANATOLIAN ETHNOBOTANY	Fatma GÖÇ	Tokat Gaziosmanpaşa University TÜRKİYE
TECHNICAL TEXTILE APPLICATIONS AND HEMP: DEVELOPMENT OF SUSTAINABLE BALLISTIC COMPOSITES	Sinan KOCAÖZ Can KETENCİ Prof. Dr. Muhammet UZUN	Marmara University TÜRKİYE

15.12.2025 / SESSION-4



Ankara Local Time: 16⁰⁰-17³⁰

IN-PERSON BURSA ULUDAĞ UNIVERSITY

Prof. Dr. M. Mete Cengiz Kültür Merkezi

Küçük Seminer Salonu

Moderator: Prof. Dr. Yücel GÜNEY

Title	Author(s)	Affiliation
HEMP AND THE SUSTAINABILITY PARADIGM: REPOSITIONING THROUGH SCIENCE, ECONOMY, AND POLICY	Prof. Dr. Ahmet KARADAĞ Özgenur DİNÇER ŞAHAN	Bursa Uludağ University TÜRKİYE Yozgat Bozok University TÜRKİYE
A SUSTAINABLE MODEL FOR INDUSTRIAL WATER CONSUMPTION: R&D- BASED DRY SYSTEM IMPLEMENTATION AND THE MITIGATION OF WASTEWATER TREATMENT LOAD	Ayşenur ÖZLER Mehmet Ergül YEŞİLYURT Mücahit Enes GÜNDOĞDU Ash ÖZTUĞ	Eksun Food Konya TÜRKİYE
HEMP, CARBON CAPTURE AND AIR QUALITY	İbrahim GÜNDÜZ	Düzce University TÜRKİYE
POSTHUMANISM AS AN ALTERNATIVE TO ANTHROPOCENTRIC ECOLOGY	Dr. Nihat ÇAM	Ministry of Education TÜRKİYE
FROM HEMP BIOMASS TO FUEL: THE KEY ROLE OF HYDROLYSIS IN GREEN CONVERSION	Özgenur DİNÇER ŞAHAN Prof. Dr. Ahmet KARADAĞ	Yozgat Bozok University TÜRKİYE Bursa Uludağ University TÜRKİYE
A NEW GENERATION MODEL FOCUSED ON TÜRKİYE FOR POST-EARTHQUAKE SHELTER AND RECONSTRUCTION	Dilara KOLAT	Independent Researcher TÜRKİYE

ÖNEMLİ, DİKKATLE OKUYUNUZ LÜTFEN / IMPORTANT, PLEASE READ CAREFULLY

Önemli, Dikkatle Okuyunuz Lütfen

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- ✓ **Katılım belgeleri kongre sonunda tarafınıza pdf olarak gönderilecektir**
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- ✓ The participant must be connected to the session 15 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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16.12.2025 | HALL-1 | SESSION-1



Ankara Local Time: 10⁰⁰-12⁰⁰

Meeting ID: 833 1287 1999 / Passcode: 020202

Moderator: Prof. Dr. H. Ziya ÖZEK

Title	Author(s)	Affiliation
CHANGES IN AIR QUALITY OVER TIME IN BİTLİS PROVINCE: PM ₁₀ AND SO ₂ TREND ANALYSIS	Assoc. Prof. Dr. Çiğdem ÖZER	Bitlis Eren University TÜRKİYE
MICROPLASTIC POLLUTION AND ENVIRONMENTAL IMPACTS IN LAKE İZNİK	Dilara DEMİRBAŞ Assist. Prof. Dr. Saadet HACISALİHOĞLU	Bursa Technical University TÜRKİYE
HEMP AS A STRATEGIC AGRICULTURAL PRODUCT: CULTIVATION STAGES AND ASSESSMENT OF PRODUCTION POTENTIAL	Tahsin BEYÇİOĞLU	Pamukkale University TÜRKİYE
OPPORTUNITIES AND POSSIBLE THREATS NEED TO BE OVERCOME FOR HEMP FIBER	Prof. Dr. H. Ziya ÖZEK Dr. Bilge Berkhan KASTACI	Tekirdağ Namık Kemal University TÜRKİYE
USABILITY OF HEMP SEED IN DIET	Beste EKER Assist. Prof. Dr. Ahmet Murat GÜNAL	Haliç University TÜRKİYE
PHYTOBIOLOGICAL RADIOACTIVE POLLUTION MANAGEMENT: APPLICATION POTENTIAL OF THE CANNABIS PLANT	Assoc. Prof. Dr. Aysun ALTIKAT	Iğdır University TÜRKİYE
A NEW ERA IN ZERO WASTE: HEMP, THE WASTE-FREE PRODUCT	Assoc. Prof. Dr. Oğuzhan ERDOĞAN	Burdur Mehmet Akif Ersoy University TÜRKİYE
EFFECT OF HEMP FIBER ADDITION ON THE SURFACE ROUGHNESS AND MECHANICAL STRENGTH OF ZINC PHOSPHATE CEMENT USED IN PROSTHODONTICS	Aliye İpek KUŞÇU	Yozgat Bozok University TÜRKİYE
SENSITIZING THE POTENTIAL OF CANNABIDIOL IN OVERCOMING CHEMOTHERAPY RESISTANCE	Kezban UÇAR ÇİFÇİ	Yozgat Bozok University TÜRKİYE
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16.12.2025 | HALL-2 | SESSION-1



Ankara Local Time: 10⁰⁰-12⁰⁰

Meeting ID: 833 1287 1999 / Passcode: 020202

Moderator: Dr. Maria Taj

Title	Author(s)	Affiliation
PHYTOREMEDIATION OF INDUSTRIAL SOIL CONTAMINATED WITH AROMATIC COMPOUNDS BY PLANTING PAULOWNIA TREES	Zehrudin Osmanovic Hana Alihodžić Maida Smajlović Lejla Oštraković Alma Krekić	Tuzla University BOSNIA AND HERCEGOVINA
EVALUATING THE EFFICIENCY OF NATURAL CLAY: BENTONITE AND CHITOSAN IN WATER TREATMENT VIA THE COAGULATION-FLOCCULATION PROCESS	Fatima EL ARNOUKI	Abdelmalik Essaadi University MOROCCO
LAURAMINE OXIDE-MODIFIED BENTONITE: AN INNOVATIVE MATERIAL FOR ENHANCED LEAD REMOVAL FROM POLLUTED WATERS	Architha Vijayalakshmi S. Hemalatha	B.S. Abdur Rahman Crescent Institute of Science and Technology INDIA
BIOSYNTHESIS OF NANOPARTICLES BASED ON GREEN WASTE AND THEIR APPLICATION IN WASTEWATER TREATMENT	Mohammed HAFID EL HERRADI El Hassania Hamid Saufi	Mohammed V University MOROCCO
EMERGING TECHNOLOGIES FOR ADVANCED WATER ANALYSIS: INNOVATIONS FOR SUSTAINABLE WATER QUALITY MONITORING	EL-BOUZIDI Ahmed ACHIOU Brahim BEQQOUR Dounia ABROUKI Younes Latifa BEN AKKA LOUKILI Hayat	Hassan II University MOROCCO Mohammed V University MOROCCO REMINEX Research Center MOROCCO Ibn Tofail University MOROCCO
MINIMIZING FERTILIZER IMPACT ON ENVIRONMENT	ELABBARI Chaimaa Labjar Najoua EL Hajjaji souad	Mohammed V University MOROCCO
POTENTIAL IMPACT OF GUANIDINE IN MODULATING DIRECT AMMONIA OXIDATION (DIRAMMOX) PATHWAY AND FUTURE RESEARCH DIRECTIONS FOR WASTEWATER TREATMENT	Nimra Bashir Qureshi Aliza Bashir Qureshi	University of Chinese Academy of Sciences CHINA
NATURAL MATERIAL-MEDIATED SYNTHESIS OF AgNPs FOR SENSITIVE MERCURY DETECTION IN WASTEWATER	Dr. Maria Taj	Jinnah University for women PAKISTAN

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16.12.2025 | HALL-3 | SESSION-1



Ankara Local Time: 10⁰⁰-12⁰⁰

Meeting ID: 833 1287 1999 / Passcode: 020202

Moderator: Assoc. Prof. Dr. Marina Axentii

Title	Author(s)	Affiliation
DEVELOPMENT OF INNOVATIVE PASTA FORMULATIONS USING UNDERUTILIZED YET HIGH-QUALITY PROTEINS: RAPESEED AND HEMP	Assoc. Prof. Dr. Marina Axentii Georgiana CODINĂ	Stefan cel Mare University ROMANIA
REDISCOVERING FUNCTIONAL POTENTIAL OF HEMP PROTEIN MEAL AS KEY INGREDIENT FOR FOOD FORTIFICATION	Assoc. Prof. Dr. Marina Axentii Jiyan Aslan CEYLAN Georgiana CODINĂ	Stefan cel Mare University ROMANIA Mardin Artuklu University TÜRKİYE Stefan cel Mare University ROMANIA
COLD PLASMA TREATMENT FOR ENHANCING THE FUNCTIONAL AND NUTRITIONAL QUALITY OF HEMP PROTEIN	Mir-Hassan Moosavy	Tabriz University IRAN
A COMPARATIVE ECONOMIC ANALYSIS OF INDUSTRIAL HEMP CULTIVATION IN OPEN-FIELD VERSUS GREENHOUSE SYSTEMS FOR ARID REGIONS	Seyyed Hasan mousavi Nasrin Farhadi	Greenhouse and Controlled Environments Research Center (GCER), Horticultural Science Research IRAN Institute (HSRI), Agricultural Research Education And Extension Organization (AREEO) IRAN
HEMPIN TRADITIONAL AND ALTERNATIVE MEDICINE	R. Devadharshini S, Gomathy E Dr.W. Helen	Bharath Institute of Higher Education and Research INDIA
NUTRACEUTICAL POTENTIAL OF HEMP AND ITS THERAPEUTIC RELEVANCE IN VETERINARY HEALTH	Vikram Chandu V	Rajiv Gandhi Institute of Veterinary Education and Research INDIA
IMPACT OF HEMP INCLUSION IN CROP ROTATION ON THE REQUIREMENT FOR SYNTHETIC PESTICIDES	Babayeva Mavluda Ruslanovna Rahimova Yulduz Atamyradovna	Oguz han Engineering and Technology University TURKMENISTAN
THE DOCTRINE OF THE BIOSPHERE AND THE MAIN DIRECTIONS OF ITS DEVELOPMENT	Babayeva Mavluda Ruslanovna Rahimova Yulduz Atamyradovna	Oguz han Engineering and Technology University TURKMENISTAN
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16.12.2025 | HALL-4 | SESSION-1



Ankara Local Time: 10⁰⁰-12⁰⁰

Meeting ID: 833 1287 1999 / Passcode: 020202

Moderator: Mizanur Rahman Howlader

Title	Author(s)	Affiliation
GREEN PHARMACY: A SUSTAINABLE APPROACH TO DRUG DEVELOPMENT	Dr.R.Saravanan Keerthana.V Meenatchi.S Kishore.R Vaishnavi.k	Bharath Institute of Higher Education and Research INDIA
OPTICAL SPECTRA OF MERCURY COMPOUNDS AS A BASIS FOR THEIR DETERMINATION IN THE ENVIRONMENT	Olesya Bokotey Tuan Vu Oleksandr Bokotey Oleksandr Slivka	Uzhhorod National University UKRAINE Ton Duc Thang University VIETNAM
CORN HUSK-BENTONITE COMPOSITE FOR REMOVAL OF ANTIBIOTICS	Yumna Ayesha Architha Vijayalakshmi S. Hemalatha	B.S. Abdur Rahman Crescent Institute of Science and Technology INDIA
FORMULATION AND APPLICATION OF PVP MODIFIED $Fe_3O_4@SiO_2$ MAGNETIC NANOCOMPOSITE OF NIGELLA SATIVA FOR REMOVING HEAVY METAL AND PHARMACEUTICAL CONTAMINANTS	Rumeesa Rafique Gill Adeel Sattar Muhammad Ovais Omer Muhammad Adil Rasheed Sammina Mahmood Qamar Niaz Umbreen Anwar	University of Veterinary and Animal Sciences PAKISTAN Education University PAKISTAN Sialkot College of Physical Therapy PAKISTAN
ECO-FRIENDLY MICROBIAL PRODUCTION OF CAROTENOIDS FROM AGRICULTURAL FEEDSTOCKS	Nithya Sree S Faridha Begum I	B.S. Abdur Rahman Crescent Institute of Science and Technology INDIA
SUSTAINABLE BIOCONVERSION OF FRUIT RESIDUES INTO MICROBIAL LIPIDS	Roshini M Faridha Begum I	B.S. Abdur Rahman Crescent Institute of Science and Technology INDIA
DESIGN AND EXPERIMENTAL RESEARCH ON HEMP FIBER COMPOSITE-BASED SUSTAINABLE VIBRATION DAMPERS	Helal Uddin Mizanur Rahman Howlader	Hajee Mohammad Danesh Science and Technology University BANGLADESH
INTEGRATING HEMP-BASED BIO-MATERIALS IN SMALL-SCALE AQUACULTURE: IMPACTS ON RURAL LIVELIHOOD AND ENVIRONMENTAL SUSTAINABILITY	Md. Saikot Hasan Akhi Akther	Bangladesh Agricultural University BANGLADESH

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16.12.2025 | HALL-5 | SESSION-1



Ankara Local Time: 10⁰⁰-12⁰⁰

Meeting ID: 833 1287 1999 / Passcode: 020202

Moderator: Assist. Prof. Dr. Tahir Qureshi

Title	Author(s)	Affiliation
WATER POLLUTION AND CORPORATE ACCOUNTABILITY: STRENGTHENING THE POLLUTER-PAYS PRINCIPLE	Assist. Prof. Dr. Tahir Qureshi Assist. Prof. Khanam Afreen Assist. Prof. Dr. Shaeyuq Ahmad Shah	Deemed University INDIA Bihar University INDIA Deemed University INDIA
FROM FORESTS TO RESORTS: GOVERNMENTAL INACTION, BIODIVERSITY LOSS, AND SDGs IN THE CHATTOGRAM HILL TRACTS	Mahammad Sohel Rahatul Mowla Rahat Israt Jahan Seemanto Das	Gopalganj Science and Technology University BANGLADESH
THE PROBLEM OF MICROPLASTICS IN ENVIRONMENTAL MEDICINE	Mariami Managadze	Tbilisi State Medical University GEORGIA
UTILIZATION OF OLIVE MILL SOLID WASTE-BASED ACTIVATED CARBON FOR THE EFFECTIVE ELIMINATION OF PHENOLIC COMPOUNDS IN OLIVE-MILL WASTEWATER: A STUDY ON OPTIMIZATION, KINETICS, AND ISOTHERMS	Aboubacar Sidigh sylla Aziz Ihammi Ilham Kirm Abdelghani Boussetta Kamal Benali Tarik Ainane Nour-Eddine El Mansouri Mohammed Chigr	Sultan Moulay Slimane University MOROCCO S.A, Mohammed VI Polytechnic University MOROCCO
CONTINUOUS ELECTROCOAGULATION FOR INDUSTRIAL INORGANIC WASTEWATER	Mounir BOUTARBOUCH Khadija El-Moustaqim Jamal MABROUKI	Mohammed V University MOROCCO Ibn Tofail University MOROCCO Mohammed V University MOROCCO
POTENTIAL RAINWATER HARVESTING UTILIZING GEO-INFORMATICS AND MCDA	Chottu Purkait Sandeepan Saha Subhojit Chattaraj Dr. Sandip Sarkar Subir Mondal	Greater Kolkata College of Engineering and Management INDIA
TRACING NITRATE SOURCES USING STABLE ISOTOPES: A REVIEW	Ahmed Mahmoud Ahmed Oubeid Ismail Hilal Aminetou Kebd Mohamed Sadiki	Ibn Tofail University MOROCCO Nouakchott University MAURITANIA ³ National Center for Energy, Sciences and Nuclear Techniques (CNESTEN) MOROCCO
STUDY ON THE DIVERSITY AND ASSEMBLAGES OF FORAMINIFERA IN RELATION TO CHEMICAL PARAMETERS OF WATER IN THE BEACHES OF LABONI, SUGANDHA AND KOLATOLI BELT OF THE BAY OF BENGAL, BANGLADESH	Md. Mansurul Haque Md. Mahedi Hasan Aysha Akter Metu Nusrat Jahan Mahmuda Khatun	Jahangirnagar University BANGLADESH

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16.12.2025 | HALL-1 | SESSION-2



Ankara Local Time: 12³⁰-14³⁰

Meeting ID: 833 1287 1999 / Passcode: 020202

Moderator: Prof. Dr. Ahmet KOLUMAN

Title	Author(s)	Affiliation
INVESTIGATION OF THE EFFECT OF RECYCLED AGGREGATE ON 3D-PRINTABLE MORTAR MIXTURES INCORPORATING HEMP FIBER	Assist. Prof. Dr. Derya ÖVER Dr. Nesil Özbakan ORHAN Dr. Ayten ÇAPUTÇU Prof. Dr. Yücel GÜNEY	Eskişehir Technical University TÜRKİYE Çimsa Cement Industry and Trade Inc. Mersin TÜRKİYE Anadolu University TÜRKİYE
DEVELOPMENT AND BIOCOMPATIBILITY ASSESSMENT OF A PMMA/HA-BASED BONE GRAFT REINFORCED WITH SILK FIBROIN AND HEMP FIBER	Aylin KORKMAZ PINARBAŞI Ali AYDIN Prof. Dr. Ahmet KARADAĞ	Yozgat Bozok University TÜRKİYE Bursa Uludağ University TÜRKİYE
IN VITRO MODULATION OF TNF- α AND CXCR4 PATHWAYS BY CANNABIS SATIVA-DERIVED CANNABIDIOL IN LPS/PMMA/IL-1 β -ACTIVATED THP-1 CELLS	Mustafa YILMAZ KAYA Ali AYDIN Prof. Dr. Ahmet KARADAĞ	Yozgat Bozok University TÜRKİYE Bursa Uludağ University TÜRKİYE
EVALUATION OF BIOCOMPATIBILITY AND TOXICITY PROFILES OF TISSUE SCAFFOLDS PRODUCED FROM HEMP FIBER ON DIFFERENT CELLULAR MODELS	Sıla KIZILTAŞ Senem Naz KAYA Prof. Dr. Ahmet KOLUMAN	Pamukkale University TÜRKİYE
COLOR AND ANTIMICROBIAL ANALYSIS OF HEMP FIBER MORDANTED WITH AVOCADO SEED SHELLS AND DYED WITH OAK BARK	Assist. Prof. Dr. Gürsel KORKMAZ Assist. Prof. Dr. Mehmet KILINÇ Assoc. Prof. Dr. Şeyda EYÜPOĞLU Prof. Dr. Dilek KUT	Sivas Cumhuriyet University TÜRKİYE Giresun University TÜRKİYE Istanbul University- Cerrahpaşa TÜRKİYE Bursa Uludağ University TÜRKİYE
ALTERNATIVE BIOMETARIAL POTENTIAL OF HEMP-PRODUCED NANOLIFES AND 3D BIOCOMPOSITE SCAFFOLD STRUCTURES	Lect. Batuhan AKILLI Hüseyin ÜÇAR Prof. Dr. Ahmet KOLUMAN	Afyon Kocatepe University TÜRKİYE Pamukkale University TÜRKİYE Pamukkale University TÜRKİYE
SUSTAINABLE, BIOCOMPATIBLE, AND ANTIMICROBIAL HEMP SUTURES ENGINEERED VIA A DECENTRALIZED SOCIAL SUTURE MODEL	Prof. Dr. Ahmet KOLUMAN Emre CELAYIR Emir Doğu ERKAN	Pamukkale University TÜRKİYE
COMPARISON OF SOME AGRONOMIC TRAITS OF INDUSTRIAL HEMP CULTIVARS GROWN UNDER RİZE CONDITIONS	Assoc. Prof. Dr. Yusuf ŞAŞATLI Assist. Prof. Dr. Gözde Hafize YILDIRIM	Recep Tayyip Erdoğan University TÜRKİYE

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16.12.2025 | HALL-2 | SESSION-2



Ankara Local Time: 12³⁰-14³⁰

Meeting ID: 833 1287 1999 / Passcode: 020202

Moderator: Orlinda SINANAJ & Romina SINANAJ

Title	Author(s)	Affiliation
INDUSTRIALISATION, CAPITALISM, AND LEGAL RESTRAINTS ON UNREGULATED SINGLE-USE PLASTIC WASTE	Pritheeraj Sen Assoc. Prof. Dr. Mainan Ray	Amity University INDIA
ENVIRONMENTAL RIGHTS AND HUMAN HEALTH: A LEGAL PERSPECTIVE	Orlinda SINANAJ Romina SINANAJ	University of Insurance and Finance BULGARIA Municipality of Vlora ALBANIA
REVIVING DEPOPULATED HIMALAYAN LANDSCAPES: EXPLORING HEMP-BASED ECOLOGICAL RESTORATION, TRADITIONAL KNOWLEDGE PROTECTION, AND ENVIRONMENTAL GOVERNANCE IN UTTARAKHAND'S GHOST VILLAGES	Ms. Manika Chaudhary Mr. Abhishek Kumar Verma	Central University INDIA
ENVIRONMENTAL STEWARDSHIP IN MEIVAZHI SALAI	S.T.Salai Kavinvann Thangapasumai J. Salai Thillai Thilagam	G. Pulla Reddy Engineering College INDIA
COMPREHENSIVE EXAMINATION OF PHARMACEUTICAL POLLUTANTS AND THEIR DISRUPTION OF ECOLOGICAL BALANCE: HUMAN HEALTH RISKS, COMPLEX INTERACTIONS, VULNERABILITY EVALUATION, INTEGRATED REMEDIATION STRATEGIES WITHIN NOVEL TOXICOLOGICAL RISK FRAMEWORKS	Dr. Nodar Sulashvili Irina Imerlishvili Nana Gorgaslidze Luiza Gabunia Maka Buleishvili	Tbilisi State Medical University GEORGIA BAU International University GEORGIA Tbilisi State Medical University GEORGIA The First University GEORGIA Tbilisi State Medical University GEORGIA
PROMOTING ENVIRONMENTAL SUSTAINABILITY THROUGH BIODEGRADABLE ELECTRONIC TECHNOLOGIES	SARABOJI S SARAN V SHELLY K R SOMESHWARAN M SUDHAKAR N Dr.A.VIJAYALAKSHMI	R.M.K. Engineering College INDIA
SUSTAINABLE RETAIL ENVIRONMENTS: A DESIGN-BASED EXPLORATION OF ZERO-WASTE GROCERY STORES	Ayesha Zulfiqar Farhana Naz Maryam Usman	Independent Researcher PAKISTAN Lahore College for Women University PAKISTAN

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16.12.2025 | HALL-3 | SESSION-2



Ankara Local Time: 12³⁰-14³⁰

Meeting ID: 833 1287 1999 / Passcode: 020202

Moderator: Dr. Manorath Das

Title	Author(s)	Affiliation
COMPUTATIONAL AND STATISTICAL APPROACHES FOR UNDERSTANDING HEMP (CANNABIS SATIVA L.) GENOMICS AND ENVIRONMENTAL ADAPTATION	Nur Mohamad Md.Toukir Biswas	Rajshahi University BANGLADESH
COLLECTIVE ENVIROMENTAL ACTION AND MOVEMENTS OUTOMES: RETHINKING DECISION-MAKING IN ALBANIA	Gilda Hoxha	Mediterranean University ALBANIA
EVALUATING THE USE OF HEMP AS AN EFFECTIVE SUPPLEMENT FOR PAIN MANAGEMENT IN DOGS	Meruva Nageswara S.K.P	Rajiv Gandhi Institute of Veterinary Education and Research INDIA
HEMP-BASED NANOFORMULATIONS FOR ENHANCED DRUG DELIVERY IN PHARMACEUTICAL SCIENCE	D.Aravindhan K.Dinesh Rajan S.Shakthi Sree	Bharath Institute of Higher Education and Research INDIA
LICHENS AS EARLY-WARNING BIOINDICATORS OF ATMOSPHERIC POLLUTION	Safaa Rhoulam Marouane Melloul Taha Chouati Bahia Rached El Alaoui Abdelaziz	Ibn Tofail University MOROCCO National Center for Scientific and Technical Research (CNRST) MOROCCO Mohammed V University MOROCCO
POTENTIAL OF HEMP (CANNABIS SATIVA L.) IN THE DECONTAMINATION OF DRINKING WATER RESOURCES: LITERATURE REVIEW AND ENVIRONMENTAL PERSPECTIVES	Ben Akka Latifa Abrouri Salma Glti Oussama Mehdioui Sakina Bejjaji Zohra Aouane Mahjoub Chakiri Said El-Bouzidi Ahmed	Ibn Tofail University MOROCCO
PARTIALLY HEMPCRETE FILLED STEEL TUBULAR BEAMS: BENDING BEHAVIOR	M Surya Prasanth Mahendrakar Hemanth Kumar	Vignan's Lara Institute of Technology & Science INDIA G Pullareddy Engineering College INDIA
HEMP REVOLUTION: REDEFINING SUSTAINABILITY THROUGH GREEN INDUSTRY, CLIMATE ACTION, AND CIRCULAR ECONOMY MODELS	Dr. Manorath Das Sumaiya Begum	Srinath University INDIA

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16.12.2025 | HALL-4 | SESSION-2



Ankara Local Time: 12³⁰-14³⁰

Meeting ID: 833 1287 1999 / Passcode: 020202

Moderator: Dr. Emmanuel U. ANASO

Title	Author(s)	Affiliation
HEMP STUDIES	S.Shakthi Sree D.Aravindhan S.Swapana Babu	Bharath Institute of Higher Education and Research INDIA
HEMP AS A DUAL-PURPOSE FORAGE AND ENVIRONMENTAL TOOL: EFFECTS ON CATTLE GROWTH, FEED EFFICIENCY, AND GREENHOUSE GAS MITIGATION	Dr. Emmanuel U. ANASO	Federal University of Agriculture Mubi NIGERIA
MYCOTOXINS IN FRESHWATER SYSTEMS: ORIGIN AND FATE IN A CHANGING CLIMATE	Marwa Tamim A. Abdel-Wareth	Theodor Bilharz Research Institute EGYPT
THERMAL PERFORMANCE ANALYSIS OF HEMPCRETE AS AN ECO-FRIENDLY CONSTRUCTION MATERIAL	Mizanur Rahman Howlader Helal Uddin Md. Nur Alam Mondal	Hajee Mohammad Danesh Science and Technology University BANGLADESH
VIBRATION AND ACOUSTIC DAMPING CHARACTERISTICS OF HEMP FIBER COMPOSITES	Mizanur Rahman Howlader Helal Uddin Md. Nur Alam Mondal	Hajee Mohammad Danesh Science and Technology University BANGLADESH
INDUSTRIAL HEMP WASTE VALORIZATION	R . Kishore K . Vaishnavi S . Meenatchi	Bharath Institute of Higher Education and Research INDIA
GREEN DERMATOLOGY: EXPLORING HEMP-BASED BIOACTIVE FORMULATIONS FOR SKIN DISEASE TREATMENT	Aayushi Agarwal Bansal	Atmiya University INDIA
HEMP FOR PAIN: EVIDENCE OVERVIEW OF CANNABIS	S. Deepak A. Palanisamy S. Kalaivanan Lavanya Babu C.Ravi K. Dinesh Rajan	Bharath Institute of Higher Education and Research INDIA
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