



**4. INTERNATIONAL EURASIA CONGRESS OF
BUILDING MATERIALS, ARCHITECTURE AND
ENGINEERING SCIENCES**
15 December 2024, Adana

CONGRESS PROGRAM

Meeting Id: 870 6274 8180
Passcode: 151515

<https://us02web.zoom.us/j/87062748180?pwd=yaaYv4OLkBgAmLfzpcEVOCiyApuyNw.1>



PARTICIPANT COUNTRIES (9):

Türkiye, Morocco, Russia, Nigeria, Romania, India, Bangladesh, Algeria, Palestine

ÖNEMLİ, DİKKATLE OKUYUNUZ LÜTFEN / IMPORTANT, PLEASE READ CAREFULLY

Önemli, Dikkatle Okuyunuz Lütfen

- ✓ Kongremizde Yazım Kurallarına uygun gönderilmiş ve bilim kurulundan geçen bildirimler için online (video konferans sistemi üzerinden) sunum imkanı sağlanmıştır.
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- ✓ Zoom uygulaması ücretsizdir ve hesap oluşturmaya gerek yoktur.
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- ✓ Her oturumdaki sunucular, sunum saatinden 15 dk öncesinde oturuma bağlanmış olmaları gerekmektedir.
- ✓ Tüm kongre katılımcıları canlı bağlanarak tüm oturumları dinleyebilir.
- ✓ Moderatör – oturumdaki sunum ve bilimsel tartışma (soru-cevap) kısmından sorumludur.

Dikkat Edilmesi Gerekenler- TEKNİK BİLGİLER

- ✓ Bilgisayarınızda mikrofon olduğuna ve çalıştığına emin olun.
- ✓ Zoom'da ekran paylaşma özelliğine kullanabilmelisiniz.
- ✓ Kabul edilen bildiri sahiplerinin mail adreslerine Zoom uygulamasında oluşturduğumuz oturuma ait ID numarası gönderilecektir.
- ✓ **Katılım belgeleri kongre sonunda tarafınıza pdf olarak gönderilecektir**
- ✓ Kongre programında yer ve saat değişikliği gibi talepler dikkate alınmayacaktır

IMPORTANT, PLEASE READ CAREFULLY

- ✓ 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 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.

Points to Take into Consideration - TECHNICAL INFORMATION

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

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number,
exp. Hall-1, Ali ÖZDEMİR

Meeting ID: 870 6274 8180
Passcode: 151515

Session-1, Hall-1

15.12.2024

Moderator: Assist. Prof. Dr. Cemal KARAASLAN

Meeting ID: 870 6274 8180 / Passcode: 151515

Ankara Local Time: 10:00 – 12:00

Title	Author(s)	Affiliation
EFFECT OF EPOXY RESIN REINFORCEMENT ON ELASTICITY MODULUS IN PLA MATERIALS PRODUCED WITH 3D PRINTER	Nilüfer ŞAHİN Murat ERTAŞ Serdar ŞAHİN	Bursa Teknik University, Türkiye
PERFORMANCE EVALUATION OF RHEOLOGICAL MODELS FOR CARBON NANOTUBE-ENHANCED CEMENTITIOUS GROUTS	Kayahan ERİTEN Hamza GÜLLÜ	Gaziantep University, Türkiye
ANALYSIS OF SOIL LIQUEFACTION FORMULAS USING OPTIMIZATION ALGORITHMS	Abdullah Bekir İPEK Soner UZUNDURUKAN	Süleyman Demirel University, Türkiye
EFFECT OF CALCINATION TEMPERATURE AND DURATION ON THE COMPRESSIVE STRENGTH AND WATER RESISTANCE OF VOLCANIC ASH-BASED GEOPOLYMER MORTARS	Merve DEMİREL Cemal KARAASLAN	Iğdır University, Türkiye
REDUCING EARTHQUAKE RISKS IN BURSA INDUSTRIAL ZONES: RESILIENCE AND SUSTAINABILITY STRATEGIES	Feyzullah BEYTEKİN Nilüfer TAŞ	Bursa Uludag University, Türkiye
SUSTAINABLE USER COMFORT AND MATERIAL USE IN CONTEMPORARY HOUSING	Soufi SAYLAM	Başkent University, Türkiye

All participants must join the conference 10 minutes before the session time.

Every presentation should last not longer than 10-12 minutes.

Kindly keep your cameras on till the end of the session.

Session-1, Hall-2

15.12.2024

Moderator: Assist. Prof. Dr. Merve AÇIKGENÇ ULAŞ

Meeting ID: 870 6274 8180 / Passcode: 151515

Ankara Local Time: 10:00 – 12:00

Title	Author(s)	Affiliation
USING RECYCLED PLASTIC PELLETS AS FINE AGGREGATE IN CEMENT MORTARS FOR SUSTAINABLE CONSTRUCTION	Umutcan ÖZCAN Mehmet Batuhan MERCİMEK Haydar GÜLÇİMEN Emin ŞENGÜN	Ankara Yıldırım Beyazıt University, Türkiye
EXAMINATION OF THE COMBINED USE OF STEEL AND GLASS IN THE PRODUCTION OF ARCHITECTURAL SPACE THROUGH EXAMPLES	Esra Nur ATİLA	Bursa Uludağ University, Türkiye
CONCRETE MIX DESIGN: INNOVATIVE APPROACHES WITH MACHINE LEARNING MODELS	Merve AÇIKGENÇ ULAŞ	Fırat University, Türkiye
APPLICATIONS OF LIGHTWEIGHT POLYMER FACADES FOR SEISMIC RESILIENCE	Elif DEMİRCİ	İstanbul Esenyurt University, Türkiye
THE FUTURE OF CARBON CAPTURE TECHNOLOGIES IN SUSTAINABLE ARCHITECTURE WITH TIMBER STRUCTURES	Mehmet Can ÖZTÜRK	Osmaniye Korkut Ata University, Türkiye
THE USE OF PHASE CHANGE MATERIAL IN ARCHITECTURAL DESIGN	Doğukan Kadir YEMENİCİ Kübra Ekiz BARIŞ	Kocaeli University, Türkiye

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Session-1, Hall-3**15.12.2024****Moderator: Alexandrov V.S.****Meeting ID: 870 6274 8180 / Passcode: 151515****Ankara Local Time: 10:00 – 12:00**

Title	Author(s)	Affiliation
APPLICATION OF A NEW APPROACH TO ASSESSING THE PERFORMANCE OF A COMPLEX TECHNICAL SYSTEM	Alexandrov V.S.	Kazan National Research Technical University named after A.N. Tupolev
ASSESSING THE EFFECT OF BRICK POWDER ON THE MECHANICAL BEHAVIOR OF ECO-FRIENDLY CONCRETE	FILALI Saloua, NASSER Abdelkader, KERKOUR-EL MIAD Abdelhamid; AMAR Najib	Mohammed Premier University; Oujda, Morocco. LABNORVIDA Director and Founder; Oujda, Morocco.
BUILDING A SUCCESSFUL BUSINESS RELATIONSHIP: A SOCIAL CAPITAL SYSTEMATIC REVIEW	Mary Ebule Ojigi Abdulwaheed Dauda Ijaiya, Mukaila Adebisi	National Examination Council Federal University of Technology Minna, Niger State.
THE IMPORTANCE OF NUTRITION AND EMOTIONAL INTELLIGENCE IN MODULATING NEUROPHYSIOLOGICAL RESPONSES TO PSYCHOLOGICAL TRAUMA: THE ROLE OF BIOLOGICAL MARKERS IN STRESS ADAPTATION AND THE PREVENTION OF NEUROTIC DISORDERS	Ana-Lucia Blendea, Ioan Gotca, Lacramioara Atudorei	University of Medicine and Pharmacy CSM Iasi, Socola Psychiatry Institute
INVESTIGATION ON THE ELECTRICAL AND PHOTOCATALYTIC PROPERTIES OF T-STANAGRAPHENE AND SnC-GRAPHENE	M. Oudahman, M. Houmad, R. Masrour, A. Rezzouk	Sidi Mohamed Ben Abdellah University, Morocco Mohammed V University in Rabat, Morocco
STUDY ON COMPRESSIVE STRENGTH OF QUARRY DUST AS FINE AGGREGATE IN CONCRETE	Nadagouda Kalyani, Chathura Balasai,Yalakacharla Narasimha, Devara Guru Venkata Prasad, Dasari Rahul Gandhi, Bommepalli Pradeep Reddy	G Pulla Reddy Engineering College, India
ASSESSMENT OF THE RADIATION DOSE RATES AT FACULTY OF ENGINEERING, AHMADU BELLO UNIVERSITY, ZARIA	Abdulakeem Tose Oladipo, Ahmed Kehinde Usman, Yuguda Muhammad	Ahmadu Bello University, Zaria, Nigeria Comenius University, Bratislava, Slovakia
THERMAL INSULATION PROPERTIES OF GEOPOLYMER FOAM FOR SUSTAINABLE BUILDING APPLICATIONS	Zineb Moujoud, Omar Tanane	Hassan II University of Casablanca, Morocco

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Session-1, Hall-4

15.12.2024

Moderator: Subhashish Dey

Meeting ID: 870 6274 8180 / Passcode: 151515

Ankara Local Time: 10:00 – 12:00

Title	Author(s)	Affiliation
DESIGN OF A 48 V 28 Ah BATTERY FOR E-MOTOR VEHICLE	Hrishikesh V, Gunabalan R	Vellore Institute of Technology -Chennai, India
IMPACT OF OXYGEN FLOW CONFIGURATION ON OZONE GENERATION EFFICIENCY AND ENERGY CONSUMPTION IN DBD OZONE GENERATORS	GHAITAOUI Essama Ahmed, NASSOUR Kamel, NEMMICH Said, OULAD NAOUI Brahim El Khalil, GHAITAOUI Touhami, BOUROUMEID Yassine, TILMATINE Amar	University of Djillali Liabes, Algeria
RESPONSE OF HIGH RISE BUILDING AGAINST EARTHQUAKE FORCE AND WIND FORCE UNDER DIFFERENT SOIL CONDITIONS	Subhashish Dey	Gudlavalleru Engineering College, Gudlavalleru, Andhra Pradesh, India
ASSESSMENT OF POTABLE WATER DEMAND AND SUPPLY IN CITIES OF WEST AFRICA, CASE OF ENUGU, SOUTH EASTERN, NIGERIA	Amos Iloabuchi UGWUOTI	University of Nigeria Nsukka, Enugu State, Nigeria
ANALYSIS OF ADMIXTURES FOR CONCRETE	Chayaraju BalaSai Nadagouda Kalyani K.Tharani Pallem Lokeswara reddy	G Pulla Reddy Engineering College (Autonomous): Kurnool, A.P, India3
SUSTAINABLE URBAN DEVELOPMENT IN MASCARA (ALGERIA) CHALLENGE AND PERSPECTIVES	Zatir Sara, Rahal Nacer, Beghdad Houda, Souici Abdelaziz, Aouad Halima	University Ahmed Draia of Adrar, Algeria. University Mustapha Stambouli of Mascara, Algeria
RISING BEYOND CHALLENGES: SUSTAINABLE URBAN SOLUTIONS FOR VULNERABLE COMMUNITIES IN PAHARTALI, CHATTOGRAM	Faria Binte Hafiz	Shahjalal University of Science and Technology, Sylhet, Bangladesh
IMPROVING SUSTAINABLE SAND CONCRETE PERFORMANCE: UTILIZING RECYCLED QUARRY WASTE AS CRUSHED LIMESTONE SAND	Oday Jaradat, Nael Salman	Dar Al-Kalima University, Bethlehem, Palestine

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