



CAUSummit 2024

World Summit
from EARTH to URBAN - for Safe & Sustainable Cities

CIVIL ENGINEERING • ARCHITECTURE • URBAN PLANNING
CONGRESS

Eco-friendly Congress - CAUSummit

PROGRAM BOOK

2-6 September, 2024 - Antalya (Turkiye)



"The Meeting Point for Civil Engineers, Architects, City & Urban Planners"

Congress Venue: Nazim Hikmet Congress & Cultural Center

2 September, 2024
 3, 4, 5 September, 2024

from 9:30 to 16:00
 from 9:30 until 16:00

2 September 2024

OPENING CEREMONY & KEY-SPEECHES

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| 09:45 - 10:00 | Opening Speeches |
| 10:00 - 10:30 | “Archaeological, Historical and Cultural Protection: Case of Antalya Master Plan” <i>Prof.Dr. Mehmet Tuncer - Çankaya University, Türkiye</i> |
| 10:30 - 11:00 | “Rediscovering the Body in Architecture” <i>Prof.Dr. Paola Gregory - Polytechnic University of Turin, Italy</i> |
| 11:00 - 11:30 | “Recent Developments in Health Care Building Design and Construction” <i>Prof.Dr. Iris Reuther – Jade University of Applied Sciences, Germany Coordinator of “European Civil Engineering Management (ECEM)”</i> |
| 11:30 - 12:00 | “Reality Capture for the Built Environment” <i>Prof.Dr. Junshan Liu - Auburn University, USA</i> |

ORAL PROGRAM

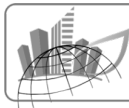
2 September 2024 - Monday

| 2 September, 2024 – Afternoon Sessions | |
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| SESSION: Accreditation of Civil Engineering, Architecture, City & Regional Planning Education Chairman: Assoc.Prof.Dr. Georgia Cheirchanteri - University of West Attica, Greece | |
| 13:00 - 13:15 | ANALOGUE LEARNING FOR DIGITAL STUDY COURSES: A CRITICAL REPORT OF TEACHING METHODOLOGY EXPERIENCES IN HIGHER EDUCATION Iris Reuther * |
| 13:15 - 13:30 | ROLE OF THE PROFESSIONAL PROFILE MAP (PPM) IN MODERN EDUCATION OF CIVIL ENGINEERS Szymon Dawczynski * |
| SESSION: Architectural Culture, Design & Sustainability in the Built Environment Chairman: Prof.Dr. Junshan Liu - Auburn University, USA | |
| 13:30 - 13:45 | ARCHITECTURE AS (LIVED) EXPERIENCE Paola Gregory * |

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| 13:45 - 14:00 | CLIMATE CHANGE AND THE EFFECT OF NATURAL DISASTERS ON THE TOURISM OF ARCHITECTURAL, CULTURAL HERITAGE SITES: THE CASE OF BROADER AREA OF THESSALY, GREECE Georgia Cheirchanteri * |
| 14:00 - 14:15 | ADOPTING VERNACULAR BUILDING DESIGN STRATEGIES FOR CONTEMPORARY GREEN BUILDINGS Rana Elnaklah *, Anna Catalani |
| 14:15 - 14:30 | ARCHITECTURAL DESIGN COMBINED WITH TOPOLOGY OPTIMIZATION ADDRESSED TO MASSIVE PERIODIC STRUCTURES Katarzyna Tajs-Zielińska * |
| 14:30 - 15:00 | Coffee Break |
| SESSION: Structural Engineering, Building Performance Simulations Chairman: Prof.Dr. Yoyong Arfiadi - Universitas Atma Jaya Yogyakarta, Indonesia | |
| 15:00 - 15:15 | HYGROTHERMAL SIMULATION OF BUILDINGS: A STUDY ON THE DIFFERENT TYPES OF WEATHER FILES Guilherme B.a. Coelho, Luis Baltazar *, Bruno Melro |
| 15:15 - 15:30 | DYNAMIC CONDENSATION FOR REDUCTION OF LARGE-SCALE MODEL Yoyong Arfiadi *, Richard Frans, Ade Lisantono |
| 15:30 - 15:45 | THE LOAD CARRYING CAPACITY OF REINFORCED CONCRETE BEAM TO BEAM CONNECTION: AN EXPERIMENTAL PROGRAM Hendy Sebastian, Ade Lisantono *, Yoyong Arfiadi , Junaedi Utomo , Richard Frans |
| 15:45 - 16:00 | AMPLITUDE SCALING FOR GROUND MOTION MODIFICATION USING FIREFLY ALGORITHM Richard Frans *, Yoyong Arfiadi , Ade Lisantono |
| 16:00 - 16:15 | NUMERICAL STUDY OF THE STATIC BENDING RESPONSE OF FUNCTIONALLY GRADED MATERIAL BEAMS USING THE 3D FINITE ELEMENT METHOD AND THE 3D EXACT BEAM THEORY Mourad Khebizi * |
| 16:15 - 16:30 | EFFECT OF SIZE OF HOLES ON FLEXURAL RESPONSE OF STRENGTHENED CONCRETE BEAMS WITH CFRP ROPE Ala Obaidat * |
| END OF ORAL SESSIONS | |

3 September 2024 - Tuesday

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| 3 September, 2024 – Morning Sessions | |
| SESSION: Architectural Space, Design and Methods & Sustainability in the Built Environment Chairman: Prof.Dr. Zbigniew Władysław Paszkowski - Andrzej Frycz Modrzewski Krakow Univ., Poland | |
| 08:45 – 09:00 | APPLICATION OF NEW TECHNOLOGIES FOR PREFABRICATION OF GLUED TIMBER HOUSES FOR RESIDENTIAL CONSTRUCTION IN NORTHERN EUROPEAN COUNTRIES Zbigniew Władysław Paszkowski *, Joanna Wachowicz |
| 09:00 - 09:15 | THE IMPACT OF BUILDINGS THROUGHOUT THEIR LIFE CYCLE ON THE ENVIRONMENT: A SYSTEMATIC REVIEW Hannah Abbey Goretti, Harjanto Setiawan * |
| 09:15 - 09:30 | CARBON FOOTPRINT ESTIMATION AT THE NATIONAL UNIVERSITY OF ROSARIO, ARGENTINA: EVALUATION AND PERSPECTIVE Marcelo G. Vega *, Fiona Delannoy, Damián Cano, Esteban Giandoménico, Rubén D Piacentini |



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| 09:30 - 09:45 | THE IMPACT OF BIOPHILIC DESIGN ON THE WELL-BEING AND STRESS LEVELS OF RESIDENT DOCTORS Nour Alhroob, Saba Alnusairat * |
| 09:45 - 10:00 | A MULTI OBJECTIVE RULE – BASED DECISION SUPPORT SYSTEM OF MARBLE SELECTION FOR RESIDENTIAL BUILDINGS IN JORDAN Abdulsalam Alshboul * |
| 10:00 - 10:15 | ENGAGING RESIDENTS IN HOUSING RETROFITTING DECISIONS THROUGH ADVANCED E-PARTICIPATORY TECHNIQUES: A CASE STUDY IN AIN, UAE Khaled Galal Ahmed *, Alaa Omar Kordi , Omar M. Shareef |
| 10:15 - 10:30 | TOURIST POTENTIAL OF THE MUNICIPALITY OF MÊDA (NE PORTUGAL, SW EUROPE) FROM ITS THERMAL POLES Luis M. Ferreira-Gomes*, Pedro Jorge Coelho-Ferreira, Cláudia S. São Marcos Beato |
| 10:30 - 11:00 | Coffee Break |
| SESSION: Engineering Geology, Hydro-Hydrogeological Sciences, Natural Hazards Chairman: Prof.Dr. Abdel Moktader El-Sayed - Ain Shams University, Egypt Dr. Anzor Giorgadze - Georgian Technical University, Georgia | |
| 11:00 - 11:15 | STUDY OF DYNAMIC MECHANICAL PROPERTIES FOR URBAN PURPOSES: ALAMEIN AREA, WESTERN DESERT, EGYPT Abdel Moktader El-Sayed *, Ahmed Osama, Nahla El-Sayed |
| 11:15 - 11:30 | GEOTECHNICAL CONDITION OF THE TEKHURI RIVER GORGE (GEORGIA): IMPLICATION FOR INTERDISCIPLINARY APPROACH Anzor Giorgadze *, Victor Alania, Levan Gorgidze , Onise Enukidze |
| 11:30 - 11:45 | NEGATIVE EFFECTS OF ALLUVIAL AND GYPSUM FORMATIONS ON URBANIZATION, SIVAS - HAFIK DISTRICT EXAMPLE, TURKEY Murat Şahin * |
| 11:45 - 12:00 | MANAGING SURFACE RUNOFF: EVALUATING INFRASTRUCTURE DEVELOPMENT IN GEDONGSONGO TEMPLE COMPLEX, CENTRAL JAVA, INDONESIA Agustina Kiky Anggraini * |
| 12:00 - 12:15 | NUMERICAL MODELLING OF SURFACE & GROUNDWATER INTERACTION AFFECTED WITH BOTTOM SEDIMENTS IN THE CANALS OF THE RYE ISLAND (SLOVAKIA) Marta K. Bara *, Yveta Velisková, Renata Dulovicová, Radoslav Schugerl, Viera Kovacova |
| 12:15 - 12:30 | STUDY ON SLOPE POTENTIAL AND VULNERABILITY TO LANDSLIDES IN SIKUNIR AREA, DIENG PLATEAU, CENTRAL JAVA, INDONESIA BASED ON MINISTER OF PUBLIC WORKS REGULATION William Wijaya William * |
| until 13:30 | FREE TIME |

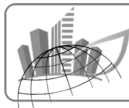
3 September, 2024 – Afternoon Sessions

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| SESSION: Transportation, Bridge, Road and Railway Engineering Chairman: Dr. Nectaria Putri Pramesti - Universitas Atma Jaya Yogyakarta, Indonesia | |
| 13:30 - 13:45 | SPECIFIC RISKS OF FRAGILE CARGO TRANSPORTATION IN CRISIS SITUATIONS IN URBAN AGGLOMERATIONS Martin Vlkovský *, Alexander Ilkstrom-Kravcov, Hana Malachova , Pavla Davidova |
| 13:45 - 14:00 | FINANCIAL FEASIBILITY STUDY IN THE PLANNING OF BUS RAPID TRANSIT IN PALU, INDONESIA J. Dwijoko Anusanto *, Astrawan Rizky |
| 14:00 - 14:15 | THE IMPACT OF CYCLING ON THE CITY'S TRAFFIC SYSTEM Jakub Takács *, Tibor Schlosser1, Andrii Zavadiak |

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| 14:15 - 14:30 | SEISMIC PERFORMANCE OF ISOLATION BEARING DEVICES IN DYNAMIC BEHAVIOR OF TYPICAL BOXE GIRDER BRIDGE Ouanani Mouloud *, Khelafi Mourad, Khaled Sandjak |
| 14:30 - 15:00 | Coffee Break |
| SESSION: Construction Management and Engineering & Construction Materials - I Chairman: Prof.Dr. Abdulsalam Alshboul - University of Jordan, Jordan | |
| 15:00 - 15:15 | PRODUCTIVITY ANALYSIS OF RED BRICK WALL INSTALLATION: COMPARING FIELD DATA WITH REGULATORY STANDARDS AND FUTURE TRENDS Nectaria Putri Pramesti *, Siswadi -, Ryan Wijaya |
| 15:15 - 15:30 | EFFECTS OF SYNTHETIC WAX AND SURFACE-ACTIVE ADDITIVE ON THE AGEING PROCESS OF FOAMED ASPHALT BINDER Mateusz Marek Iwanski *, Anna Chomicz-Kowalska , Krzysztof Maciejewski |
| 15:30 - 15:45 | ISSUES FACED BY ENVIRONMENTAL IMPACT ASSESSMENT PRACTICES IN JORDAN: INSIGHTS FROM CONSTRUCTION INDUSTRY PROFESSIONALS Ghanim Bakr * |
| 15:45 - 16:00 | CHALLENGES ENCOUNTERED IN ENVIRONMENTAL IMPACT ASSESSMENT PROCEDURES IN JORDAN: PERSPECTIVES FROM CONSTRUCTION INDUSTRY EXPERTS Ghanim Bakr * |
| END OF ORAL SESSIONS | |

4 September 2024 - Wednesday

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| 4 September, 2024 – Morning Sessions | |
| SESSION: SESSION: Mining, Blasting, Noise & Vibration Control Chairman: Prof.Dr. Nikoloz Chikhradze - Lepl Grigol Tsulukidze Mining Institute, Georgia | |
| 09:15 - 09:30 | DEVELOPMENT OF CONSOLIDATED MATERIAL CONTAINING CERAMIC NANOSTRUCTURE BASED OF TI-B-C-N SYSTEM & INFLUENCE OF MECHANO-ACTIVATION ON SOME PHYSICAL-MECHANICAL AND OPERATIONAL PROPERTIES Zurab Aslamazashvili *, Garegin Zakharov, Mikheil Chikhradze, George Mikaberidze, Nodar Aslamazashvili , Davit Kvashvadze |
| 09:30 - 09:45 | MANUFACTURING AND TESTING OF A NEW COLUMN-TYPE FLOTATION CELL TO PRODUCE CONCENTRATE FROM POOR ORES CONTAINING GOLD AND SILVER Nikoloz Chikhradze, Mamuka Bagnashvili *, Asmat Shekiladze , Nukri Samkharadze |
| 09:45 - 10:00 | OPTIMAL BLAST DESIGN CONSIDERING THE EFFECTS OF GEOMETRIC BLASTING PARAMETERS ON ROCK FRAGMENTATION: A CASE STUDY Abderrazak Saadoun *, Riadh Boukarm, Mohamed Fredj, Kamel Menacer, Djamel Eddine Boudjellal, Abdellah Hafsaoui, Isik Yilmaz |
| 10:00 - 10:15 | PECULIARITIES OF OBTAINING COMPLEX FE-MN-B LIGATURE BY SHS-METALLURGY USING PRODUCTION WASTES Garegin Zakharov, Mikheil Chikhradze*, Davit Kvashvadze , Nugzar Khidasheli, Levan Chkharitshvili , George Mikaberidze , Salome Gvazava |
| 10:15 - 10:30 | PRELIMINARY ASSESSMENT OF THE EFFECTS OF CONTROLLABLE FACTORS ON ROCK FRAGMENTATION: A CASE STUDY Mohamed Fredj*, Abderrazak Saadoun, Riadh Boukarm, R. Nakache, Kamel Menacer |
| 10:30 - 11:00 | Coffee Break |



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| Geotechnics, Hydromechanics | |
| Chairman: Assoc.Prof.Dr. Mohamed Fredj - University of Bejai, Algeria | |
| 11:00 - 11:15 | EFFECT OF COMBINED VORONOI DFN MODEL WITH FINITE ELEMENT METHOD IN ROCK SLOPE STABILITY ANALYSIS: A CASE STUDY Riadh Boukarm *, Mohamed Fredj, Abderrazak Saadoun |
| 11:15 - 11:30 | A NOVEL PREDICTION TECHNIQUE FOR THE RESILIENT MODULUS OF UNBOUND AGGREGATES COMBINED XGBOOST ALGORITHM WITH BAYESIAN OPTIMIZATION Khaled Sandjak * |
| 11:30 - 11:45 | IMPACT OF MINING ON THE ENVIRONMENT: CAUSES, CONSEQUENCES AND POSSIBLE SOLUTIONS -CASE OF THE ALGERIAN MINES Mohamed Laid Boukelloul *, Ilyes Hezaimia, Nacereddine Fellouh |
| 11:45 - 12:00 | ESTIMATION OF CONCRETE CARBONATION DEPTH THROUGH DURABILITY INDICATORS Mohamed El Ghazali Belgacem *, Rui Neves, M. Bendoaoud |
| 12:00 - 12:15 | EFFECT OF STEMMING PARAMETERS ON BLAST- INDUCED ROCK FRAGMENTATION: A CASE STUDY Mohamed Fredj *, Riadh Boukarm, Abderrazak Saadoun, Kamel Menacer, Radouane Nakache |
| until 13:30 | FREE TIME |

4 September, 2024– Afternoon Sessions

SESSION: Architectural Culture, Social Sciences and Architecture & Sustainability in the Built Environment - II

Chairman: Assoc.Prof.Dr. Naima Benkari - Sultan Qaboos University, Oman

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| 13:30 - 13:45 | THE CITIES OF MZAB: AN URBAN CIVILIZATION BUILT BY A COMMUNITY OF REFUGEES SINCE THE 11TH CE Naima Benkari * |
| 13:45 - 14:00 | UNDERSTANDING PLACE - BOOSTING THE CIRCULAR ECONOMY THROUGH URBAN ART: THE CASE OF TRANCOSO, PORTUGAL Cláudia Sofia São Marcos Beato *, Paulo Carvalho, Tomas Ventura, Daniel Pacheco |
| 14:00 - 14:15 | CITIES AND EXTREME WEATHER PHENOMENA: HOW URBAN DESIGN CAN WORK IN MOUNTAIN CITIES AND PROMOTE A SMARTER CITY - THE CASE OF COVILHÃ, PORTUGAL Cláudia S. S. M. Beato *, Paulo Carvalho, Luis M. Gomes, Daniel Pacheco, Rui Mendes |
| 14:15 - 14:30 | INVESTIGATING THE INFLUENCE OF ROADWAY MATERIALS ON GROUND AND ATMOSPHERIC TEMPERATURES Mohamed Mahgoub * |
| 14:30 - 14:45 | THE INFLUENCE OF URBAN FORM ON STREETS' WALKABILITY CONDITIONS SELECTED CASE STUDIES FROM MUSCAT-OMAN Intissar Bouzekri, Islam Sallam*, Naima Benkari, Hanan Al-Khatiri |
| 14:45 – 15:15 | Coffee Break |
| SESSION: Architectural Historiography, Architectural Heritage, Conservation of Historical Structures & Architectural Space, Architectural Design and Methods | |
| Chairman: Assoc.Prof.Dr. Sonja Ičko - University of Ljubljana, Slovenia | |
| 15:15 - 15:30 | INCLUSIVE ADAPTIVE REUSE OF COAL MINING HERITAGE AS AA REGENERATIVE SOURCE FOR THE SUSTAINABLE DEVELOPMENT OF LOCAL COMMUNITIES Sonja Ičko * |
| 15:30 - 15:45 | INTERNALLY DISPLACED PERSONS IN TIGRAY (NORTHERN ETHIOPIA): APPRAISAL OF SHELTER TYPOLOGY, SETTLEMENT MORPHOLOGY, MANAGEMENT AND SUSTAINABILITY Samuel Jote * |

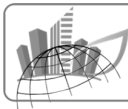
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| 15:45 - 16:00 | DESIGN STRATEGY OF UNDERGROUND LAYERED SPORTS BUILDING BASED ON INTENSIVE THEORY Wenrui Cao * |
| END OF ORAL SESSIONS | |

5 September 2024 - Thursday

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| SESSION: Sustainable Urban Development | |
| Chairman: Prof.Dr. Elisabetta Venezia - University of Bari Aldo Moro, Italy | |
| 09:30 - 09:45 | AGENT-BASED MODELLING FOR ENHANCING LIVEABILITY: ADDRESSING OVER CROWDED LIVING CONDITIONS AMONG URBAN MIGRANTS Jobin Josh * |
| 09:45 - 10:00 | HSR LINK AND EVALUATION IMPACT ON SOCIAL EQUITY AND CITIES Elisabetta Venezia * |
| 10:00 - 10:15 | VARIABLES WITH INCIDENCE IN THE GENERATION OF MICRODUMPS IN CHILE: THE CASE OF THE MUNICIPALITIES OF LAS CONDES AND EL BOSQUE Patricia Mery *, Christian Seal, Carla Jara |
| 10:15 - 10:45 | Coffee Break |
| SESSION: Construction Management and Engineering & Construction Materials - II | |
| Chairman: Prof.Dr. Isik Yilmaz – Cumhuriyet University, Turkey | |
| 10:45 - 11:00 | ANALYSIS OF THE POZZOLANIC ACTIVITY POTENTIAL OF HAZELNUT HUSK ASH Christian Seal *, David Cordoba |
| 11:00 - 11:15 | DETERMINATION OF THE POZZOLANIC ACTIVITY OF WASTED ACTIVATED SLUDGE AT DIFFERENT TEMPERATURE OF CALCINATION AND PARTICLE SIZES Christian Seal *, Patricia Mery , Maximiliano Jofre , Felipe Varas |
| 11:15 - 11:30 | URBAN AND MARITIME TRANSPORT AT MEDITERRANEAN Levent Yilmaz * |
| 12:00 | END OF ORAL SESSIONS |

6 September 2024 – Friday

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| 6 September, 2024 – Morning Session | |
| WORKSHOP DAY | |
| 09:30 - 12:00 | WILL BE ANNOUNCED IN REGISTRATION DESK (on 5 September 2024) |



POSTER PROGRAM

2 September 2024 – Monday

13.30 -15.00

Stand No: 1

EVALUATION OF THE EFFECT OF AQUATIC VEGETATION ON THE ACCURACY OF ADCP DISCHARGE MEASUREMENTS IN LOWLANDSTREAMS

Valentin Sočuvka *, Yvetta Velísková , Saeid Okhravi , Radoslav Schügerl

Stand No: 2

EVALUATION OF STABILITY OF SOME LANDSLIDE BODIES BY NUMERICAL-ANALYTICAL METHOD

Nikoloz Chikhradze *, Levan Japaridze , Tamaz Gobejishvili

Stand No: 3

INNOVATIVE ENERGY EFFICIENT VENDING SYSTEMS FOR USE IN SUSTAINABLE CITIES

Ioan Mihail Savaniu , Oana Tonciu , Ancuta Neagu *, Magdalena Culcea , Adrian Bizgan

Stand No: 4

STRUCTURE AND COMPOSITION OF CERAMIC MATERIALS OBTAINED BY SHS COMPACTION OF MECHANOACTIVATED CHASMS OF Ti-BN, Ti-BN-C AND Ti-B4C COMPOSITIONS IN Ti-B-C-N SYSTEM

Zurab Aslamazashvili *, Garegin Zakharov, Mikheil Chikhradze, George Mikaberidze, Nodar Aslamazashvili, Davit Kvashvadze

Stand No: 5

REVITALIZATION OF SOME OLD PROJECTS FOR THE CREATION OF NEW WATERWAYS IN ROMANIA

Altan Abdulamit *, Chema Abdulamit

Stand No: 6

CORRECTION AND VALIDATION OF GPM-IMERG AND CHIRPS SATELLITE RAINFALL DATA IN THE LAHOR RIVER BASIN

Ni Made Candra Partarini *, Joko Sujono , Endita Prima Ari Pratiwi

15.00 -16.30

Stand No: 1

THE NUMBER OF SET UPS IN LINES AS WEIGHTS IN THE PRECISE LEVELLING

Vasil Cvetkov *, Antonio Angelov

Stand No: 2

ON THE BLACK SEE RISE IN VARNA AND BURGAS TIDE GAUGES

Vasil Cvetkov *, Christina Mickrenska-Cherneva

Stand No: 3

FLUCTUATIONS IN THE BLACK SEA LEVEL IN VARNA AND BURGAS BAYS IN THE PERIOD FROM 1928 TO 2011

Vasil Cvetkov *, Christina Mickrenska-Cherneva

Stand No: 4

PERFORMANCE OF PRECISION SETTING OUT WORKS BY COMBINING DIFFERENT GEODETIC METHODS

Antonio Angelov *

Stand No:5

BERNOULLI EFFECT AND ITS APPLICATIONS IN THE FUTURE OF FLUID TECHNOLOGY

Mihaela Pisleaga *

Stand No: 6

MANAGEMENT OF THE LEACHATE GENERATED IN COMPLIANT LANDFILLS

Ioana-Alina Cretan *

Stand No: 7

INVESTIGATION OF GEOREFERENCING ACCURACY USING SCANNING SPHERES IN POINT CLOUD REGISTRATION

Gergana Antova *

3 September 2024 - Tuesday

10.30 -12.00

Stand No: 1

DESIGNING RAISED INTERSECTIONS IN BULGARIA: CHALLENGES AND SOLUTIONS IN GRADING PLANNING

Emiliya Ilieva *

Stand No: 2

ACCURACY OF AREA-CAPACITY CURVES OF RESERVOIRS DEFINED BY DIRECT GEODETIC AND HYDROGRAPHIC MEASUREMENTS

Rumyana Aneva *

Stand No: 3

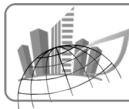
DETERMINING GRATE INLET LOCATIONS IN GRADING PLANS FOR NEW STREETS IN BULGARIA

Emiliya Ilieva *

Stand No: 4

CONTRIBUTION TO THE EFFICIENT LAND USE STUDY

Salem Badjoudj *



Stand No: 5

MODELING URBAN TRAVEL DISTRIBUTION USING MOBILE NETWORK BIG DATA: INSIGHTS FROM
JAKARTA, INDONESIA
Okkie Putriani *

Stand No: 6

COSEISMIC GROUND DISPLACEMENT IN BALKAN PENINSULA DETERMINED FROM SENTINEL-1
Atanasova-Zlatareva Mila *, Hristo Nikolov

13.30 -15.00

Stand No: 1

MULTIPLE REGRESSION IN HELP OF THE PRECISE LEVELLING
Christina Mickrenska-Cherneva *, Vasil Cvetkov

Stand No: 2

PREDICTION OF CALIFORNIAN BEARING RATIO OF WOOD ASH-BASED COMPOSITE SOIL BY USING
ENSEMBLE MACHINE LEARNING METHODS
Kamel Goudjil *, Ghania Boukhatem , Souhila Rehab Bekkouche

Stand No: 3

MECHANICAL BEHAVIOR OF GLASS FIBER-REINFORCED POLYESTER (GFRP) IN A HUMID
ENVIRONMENT
Kamel Goudjil *, Amine Boumehez

Stand No: 4

NON-LINEAR DYNAMIC RESPONSE OF A RAFT PLACED ON THE SURFACE OF A COMPRESSIBLE SOIL
REINFORCED WITH STONE COLUMNS AND USING GEOGRIDS SUBJECTED TO VARIABLE LOADING
FREQUENCIES
Bekakra Sofiane *, Sbartai Badreddine

Stand No: 5

A PROPOSED BALANCED APPROACH FOR OPERATIONAL ENERGY REDUCTION AND COST
EFFECTIVENESS IN THERMAL RETROFITTING OF EMIRATI PUBLIC HOUSING
Khaled Galal Ahmed, Alaa Omar Kordi *

Stand No: 6

EVALUATION OF CONTAMINATION BY HEAVY METALS FROM PHOSPHATE PROCESSING OF DJEBEL
ONK, NORTHEASTERN OF ALGERIA
Yahiaoui Younes *

Stand No: 7

A CONCERTED PROPOSAL BASED ON AN IMMINENT COLLAPSE SCENARIO FOR GROUNDWATER
MANAGEMENT IN AN OVEREXPLOITED AQUIFER, ATACAMA DESERT

Edwin Pino-Vargas *

15.00 -16.30

Stand No: 1

SOILS CHARACTERIZATION FROM AIN MIMOUN MINE TO OPTIMIZE ITS SUITABILITY FOR SUCCESSFUL
PHYTOSTABILIZATION ENDEAVORS

Issam Rouaiguia *, Batouche Toufik , Kamel Goudjil

Stand No: 2

OPTIMIZATION OF THE USE RATE OF UNCOOKED CLINKER IN THE CEMENT MANUFACTURING IN
ALGERIA

Batouche Toufik *, Abdelhak Tabet, Oussama Zerzour , Issam Rouaiguia

Stand No: 3

REMOVAL OF A PHARMACEUTICAL RESIDUE FROM THE AQUEOUS MEDIUM USING A BIOMATERIAL

Feddal Imene *

Stand No: 4

IMPACT OF ILLUMINATION ON FRAGMENTATION ANALYSIS USING DIGITAL IMAGE PROCESSING
(WipFrag)

Ines Benamira *, Mohamed Fredj , Samia Chibani , Abderrazak Saadoun , Yamine Akardjouje

Stand No: 5

APPLICATION OF THE KUZ-RAM MODEL TO PREDICT THE SIZE OF ROCKS FELLED IN THE OUENZA
IRON MINE; ALGERIAN NE

Abdelhak Tabet *, Oussama Zerzour , Ben Youcef Alı Ahmed , Toufik Batouche , Ismail Nouioua

Stand No: 6

Pb-Zn MINERALISATION IN NORTHERN WEST OF ALGERIA

Hadj Mohamed Nacira *, Abdelhak Boutaleb, D.e Djamel Eddine



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CAUSummit 2024

2-6 September, 2024- Antalya (Turkiye)

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