

**Interdisciplinary Civil and
Construction Engineering Projects**

ISEC-11
WELCOME RECEPTION
5:00_{PM} – 7:00_{PM}
MONDAY, JULY 26TH, 2021
V-ROOM A



**Interdisciplinary Civil and
Construction Engineering Projects**

**ISEC-11
CONFERENCE OPENING
8:30_{AM} – 9:15_{AM},
TUESDAY, JULY 27TH, 2021
V-ROOM A**



Tuesday, July 27th,
9:20 – 9:50 am

Keynote Speaker I: Dr.-Ing. Klaus Holschemacher

V-Room A



*Institute Director,
Structural Concrete Institute,
HTWK Leipzig,
University of Applied Sciences
Leipzig, Germany*

Title:

Timber-Concrete Composite –
A High-Efficient and
Sustainable Construction
Method





Tea & Coffee Break

Tuesday, July 27th,

9:50 am – 10:15 am



Next: Technical Session I / LADR Workshop I
10:15 am – 12:15 pm, V-Rooms A, B, C, and D



Technical Session I

Tue, July 27th, 10:15 am – 12:15 pm

V-Room A

Steel Structures



Moderator:
Miroslav Todorov

Co-Moderator:
Dejan Dinevski

IT Staff:
Mark Young

Presentation #	Name/Presenter	Presentation Title
1	Takashi Fujinaga, Tomoya Kawabata	EVALUATION METHOD FOR ALLOWABLE SHORT-TERM FLEXURAL STRENGTH AND YIELD STRENGTH OF CONCRETE-FILLED STEEL TUBULAR BEAM-COLUMNS
2	Sinem Dagilgan, Seren Guven	A MODEL PROPOSAL FOR SELECTING THE STRUCTURAL SYSTEM
3	Yuka Nagaoka, Takashi Fujinaga, Teruhisa Tanaka	INFLUENCE OF BOND AND FRICTION ON TENSILE STRENGTH OF PERFORATED STEEL PLATE CONNECTOR UNDER CONFINEMENT
4	Idris A. Musa	STRUCTURAL STRESS METHOD FOR FATIGUE DESIGN OF CONCRETE FILLED STEEL TUBULAR T-JOINTS UNDER AXIAL LOADING
5	Koki Doi, Takashi Fujinaga	EFFECT OF STRENGTH OF FILLED-CONCRETE ON STRUCTURAL PERFORMANCE OF CONTINUOUS BEAM-TYPE SQUARE CFST BEAM-TO-COLUMN CONNECTION
6	Yusuke Maida, Shuhei Harada, Hiroyasu Sakata, Takumi Sato, Masaharu Kubota	STRUCTURAL BEHAVIOR OF CONNECTIONS BETWEEN CONCRETE COMPONENTS AND GUSSET PLATE WITH STUD BOLTS
7	Tomoya Kawabata, Takashi Fujinaga	REINFORCING I-BEAMS WITH WEB OPENINGS USING FILLET-WELDED PERFORATED PLATE
8	Devindar Aulakh, Yasser Salem, Giuseppe Lomiento	RESEARCH INTO THE DEVELOPMENT OF A RESPONSE MODIFICATION FACTOR FOR DIAGRID STRUCTURES



Technical Session I
Tue, July 27th, 10:15 am – 12:15 pm
V-Room B
Construction Safety and Risk Management



Moderator:
Sorn Vimonsatit

Co-Moderator:
Swapan Saha

IT Staff:
Hadeel Ali

Presentation #	Name/Presenter	Presentation Title
1	AbdulLateef Olanrewaju, Xi Xuan Law, Christopher Nigel Preece	EVALUATION OF SCAFFOLD ACCIDENTS DURING BUILDING MAINTENANCE WORKS
2	Kerim Koc, Asli Pelin Gurgun	MACHINE LEARNING APPLICATIONS IN CONSTRUCTION SAFETY LITERATURE
3	Pravin Sonkar, Sourabh Mayank, Sudhir Misra, Amarjit Singh	A REVIEW OF INTERNATIONAL STANDARDS FOR OCCUPATIONAL SAFETY AND HEALTH
4	KwangHyuk Im	BENEFIT-COST ANALYSIS FOR REDUCING THE VULNERABILITY OF THE HOUSING SERVICE SECTOR ASSOCIATED WITH NATURAL HAZARDS
5	Ahmed U. Abdelhady, Seymour M.J. Spence, Jason McCormick	A RESILIENCE-BASED ASSESSMENT OF THE PERFORMANCE OF RESIDENTIAL COMMUNITIES SUBJECT TO HURRICANE HAZARD
6	Omar M.Nofal, John W. van de Lindt, Guirong Yan, Sara Hamideh, Casey Dietrich	MULTI-HAZARD HURRICANE VULNERABILITY MODEL TO ENABLE RESILIENCE-INFORMED DECISION
7	Qian Wang	AN ITERATIVE HDMR APPROACH FOR ENGINEERING RELIABILITY ANALYSIS
8	Mehmet Ilker Genc, Asli Pelin Gurgun	AWARENESS OF CRYPTOCURRENCIES AMONG CONSTRUCTION PROFESSIONALS



Technical Session I
Tue, July 27th, 10:15 am – 12:15 pm
V-Room C
Infrastructure Engineering and Management



Moderator:
Eugenio Pellicer

Co-Moderator:
Tamer Breakah

IT Staff:
Yassmine Marey

Presentation #	Name/Presenter	Presentation Title
1	Ahmed A. Okasha, Parastoo Eivazi Ziaei, Ahmed Hammad	OPTIMIZING PRODUCTIVITY RATE TO MINIMIZE OVERDRAFT INTEREST PAYMENT IN INFRASTRUCTURE CONSTRUCTION PROJECTS
2	Luyanda Ngomane, Nthatisi Khatleli	DESIGN OF A CAPABILITY MATURITY FRAMEWORK FOR RESILIENT INFRASTRUCTURE MANAGEMENT IN RURAL MUNICIPALITIES
3	Debby Willar, Anak Agung Diah Parami Dewi, Febriane Makalew	POTENTIAL FACTORS TO PROMOTE SUSTAINABLE PROCUREMENT IN ROAD INFRASTRUCTURE PROJECTS
4	Angie Ruiz, Jose Guevara	DYNAMIC ANALYSIS OF SUSTAINABLE PRACTICES ADOPTION IN ROAD INFRASTRUCTURE DEVELOPMENT
5	Miroslav Todorov	VERIFICATION AND RESULTS FROM MODEL INVESTIGATION OF DYNAMIC BEHAVIOR OF BURIED PIPES
6	Arkaprabha Bhattacharyya, Makarand Hastak	FRAMEWORK FOR PLANNING CAPACITIES TO MAXIMIZE THE FEASIBLE RESILIENCE OF NETWORK INFRASTRUCTURE SYSTEMS
7	Mercy Ogunnusi, Huda Salman, Richard Laing	INFRASTRUCTURE DEVELOPMENT AND ABANDONMENT
8	Daniel D'Angelo, R. Edward Minchin Jr.	PROJECT BUNDLING IN TRANSPORTATION CONSTRUCTION



LADR Workshop I

Tue, July 27th, 10:15 am – 12:15 pm

V-Room D



Contract and Claims // Maintenance Management

Moderator:
Yiannis Vacanes

Co-Moderator:
Elizabeth Brogan

IT Staff:
Mujtaba Quadri

Presentation #	Name/Presenter	Presentation Title
1	Tong Zhao	MODELING WITH FUNCTIONS FOR CUMULATIVE IMPACT OF CHANGES
2	Jaikrishna Padhy, Murali Jagannathan, Venkata Santosh Kumar Delhi	APPLICATION OF NATURAL LANGUAGE PROCESSING TO AUTOMATICALLY IDENTIFY EXCULPATORY CLAUSES IN CONSTRUCTION CONTRACTS
3	Michel Guévremont, Amin Hammad	ONTOLOGY FOR LINKING DELAY CLAIMS WITH 4D SIMULATION TO ANALYZE EFFECTS-CAUSES AND RESPONSIBILITIES
4	Vijayeta Malla, Murali Jagannathan, Venkata Santosh Kumar Delhi	IDENTIFICATION OF BIM DIMENSION-SPECIFIC CONTRACT CLAUSES IN EPC TURNKEY PROJECTS
5	Murali Jagannathan, Ulrike Quapp, Venkata Santosh Kumar Delhi	LITIGATION RISK TRANSFER MECHANISMS IN CONSTRUCTION DISPUTE RESOLUTION PROCESS: A CROSS-CASE ANALYSIS
6	Dikeledi Matseke, Nthatisi Khatleli	CLAIMS AND DISPUTES MANAGEMENT: UNDERLYING CAUSES IN MEGA CONSTRUCTION PROJECTS
7	Christtestimony Jesumoroti, Khor Soo	MAINTENANCE MANAGEMENT DETERMINANTS APPRAISAL OF HOSPITAL BUILDINGS
8	Wisalee Nimmahnpatchrin, Ghada M. Gad	BRIDGE MAINTENANCE DECISION-MAKING MODEL



Lunch Break
Tuesday, July 27th,
12:15 pm – 1:30 pm



Next: Technical Session II / LADR Workshop II
1:30 pm – 3:30 pm, V-Rooms A, B, C, and D



Technical Session II

Tue, July 27th, 1:30 pm – 3:30 pm

V-Room A

Concrete Materials and Soil Mechanics



Moderator:
Hossein Askarinejad

Co-Moderator:
Ahmed El-Kadi

IT Staff:
Mark Young

Presentation #	Name/Presenter	Presentation Title
1	Nancy Kachouh, Hilal El-Hassan, Tamer El-Maaddawy	MECHANICAL PROPERTIES OF RECYCLED COARSE AGGREGATE CONCRETE REINFORCED WITH STEEL FIBERS
2	Ahmad S. E.Nassef, Kalifa H. Al- Muqbali, Sheikha M.Al Naqabi	EFFECTS OF REPLACING CEMENT BY DATE PALM TREES WASTES ON CONCRETE PERFORMANCE
3	Hiyori Ishizuka, Hiromi Fujiwara, Masanori Maruoka, Tao Wang, Shintaro Tanaka	EXPERIMENTAL STUDY ON THE SULFURIC ACID RESISTANCE OF LOW CARBON CONCRETE
4	Haruak Murakami, Hiromi Fujiwara, Masanori Maruoka, Takafumi Watanabe, Koji Satori	EXPERIMENTAL STUDY ON DURABILITY OF ROOM TEMPERATURE CURING UFC MORTAR
5	Haruyuki Yamamoto	ON THE SHEAR STIFFNESS DECREASE OF SANDY SOILS DUE TO PARTICLE CRUSHING PROGRESS
6	Miroslav Todorov	MODEL PARAMETERS FOR THE DYNAMIC BEHAVIOR OF BURIED PIPES
7	Tamer Heshmat, Mohamed ElShabrawy	ANALYTICAL SOLUTION FOR NONLINEAR INTERACTION OF EULER BEAM RESTING ON A TENSIONLESS SOIL
8	Safwan Khedr, Maram Saady, Hebatalla Gad, Mostafa Ali, Noura Soussa, Omar El Marakby, Rahma Ibrahim, Yomma Abdel Aziz	DESIGNING A FLEXIBLE PAVEMENT DESIGN TOOL USING THE MEPDG APPROACH



Technical Session II

Tue, July 27th, 1:30 pm – 3:30 pm

V-Room B

Construction Management



Moderator:
Sudhir Misra

Co-Moderator:
Ghada Gad

IT Staff:
Hadeel Ali

Presentation #	Name/Presenter	Presentation Title
1	Osama Salah, Maged Georgy, Atef Ragab	FINANCIAL RATIO ANALYSIS IN CONSTRUCTION INDUSTRY: AN INVESTIGATION USING MACHINE LEARNING
2	Rakesh Sookoo, Abraham Mwasha, Joseph Iwaro	DEVELOPMENT OF A WORKMANSHIP MANAGEMENT SYSTEM FOR PERFORMANCE APPRAISAL OF CONSTRUCTION PROJECTS
3	Stanley Okangba, Nthatisi Khatleli, David Root	INDICATORS FOR CONSTRUCTION PROJECTS SUPPLY CHAIN ADAPTABILITY USING BLOCKCHAIN TECHNOLOGY: A REVIEW
4	Rolien Terblanche, David Root, Ria Vosloo	ACTANTS INFLUENCING THE SUCCESSFUL COMPILATION OF ECONOMIC FEASIBILITY STUDIES: THE DEVELOPERS' PERSPECTIVE
5	Rana Rabnawaz Ahmed, Xueqing Zhang	EXPLORATION OF SYNERGIES BETWEEN ACADEMIC RESEARCH AND ACTUAL PRACTICE FOR IMPROVED CONSTRUCTION WASTE MANAGEMENT
6	Amira Eltahan, Elyar Pourrahimian, Fatima Alsakka, Maram Nomir, Ahmed Hammad	QUANTIFYING CONTRACTORS' QUALIFICATIONS USING PAIRWISE COMPARISON IN THE BEST VALUE PROCUREMENT METHOD
7	Jirawan Klaylee, Pawinee Iamtrakul, Nuwong Chollacoop	URBAN PLANNING MEASURES FOR SMART CITY DEVELOPMENT
8	Abdul Lateef Olanrewaju, Shao Tee, Khor Soo, Christtestimony Jesumoroti	ANALYSIS OF MEASURES TO REDUCE DEFECTS IN HOSPITAL BUILDINGS



Technical Session II

Tue, July 27th, 1:30 pm – 3:30 pm

V-Room C

Environment and Sustainability



Moderator:
Passant Massoud

Co-Moderator:
Tamer H. Kasem

IT Staff:
Yasmine Marey

Presentation #	Name/Presenter	Presentation Title
1	Mohamed Hamouda, Jamila Al Mansoori, Maitha Al Nuaimi, Muna Alsaedi, Mouza Al Shamsi	AN INVESTIGATION OF GREYWATER ONSITE REUSE POTENTIAL IN AN ARID ENVIRONMENT
2	Mitham Al-Faliti, Ashraf Aly Hassan, Bruce Dvorak	GENERATING A STREAM WITH A STABLE FORMALDEHYDE CONCENTRATION IN THE LABORATORY
3	Abdullah Qahtani, Bambang Trigunaryah, Thomas Simko	ENERGY SUPPORT IN THE RESIDENTIAL SECTOR USING BUILDING INTEGRATED PHOTOVOLTAIC (BIPV) A REVIEW
4	Nicolas Zapata, Andres Restrepo, Santiago Marin, Juan Torrenegra, Juan Ochoa, Yhan Arias	MECHANICAL ANALYSIS OF A SUSTAINABLE BUILDING PREFABRICATED ELEMENT BASED ON A STABILIZED RESIDUAL QUARRY SLUDGE
5	Gabriel Castelblanco, Jose Guevara, Paula Mendez-Gonzalez	SUSTAINABILITY IN PPPS: A NETWORK ANALYSIS
6	Andres Restrepo, Nicolas Zapata, Juan Torrenegra, Yhan Arias, Juan Ochoa	SUSTAINABLE BUILDING PREFABRICATED ELEMENT BASED ON STABILIZED RESIDUAL QUARRY SLUDGE AND ITS HEAT TRANSFER ANALYSIS
7	Mauro Cepeda Ortiz, Santiago Morales, Viviana Cabrera	BIOCLIMATIC OPTIMIZATION: SKYLIGHT GROUND FLOOR NEW BUILDING, UDLA PARK TORRE II
8	Pawinee Iamtrakul, Jirawan Klaylee, I-Soon Ruengratanaumporn	PARTICIPATORY PLANNING APPROACH TOWARDS SMART SUSTAINABLE CITY DEVELOPMENT



LADR Workshop II

Tue, July 27th, 1:30 pm – 3:30 pm

V-Room D



Procurement, Dispute Resolution and Safety

Moderator:

Venkata S. K. Delhi

Co-Moderator:

Asli Pelin Gurgun

IT Staff:

Mujtaba Quadri

Presentation #	Name/Presenter	Presentation Title
1	Amr Mohammad Abu Helw, A. Samer Ezeldin	TOWARDS BETTER APPLICABILITY OF PUBLIC PROCUREMENT LAW: DELAY CLAIMS BY THE CONTRACTOR AND LIMIT OF COMPENSATION UNDER THE PERFORMANCE GUARANTEE
2	Dan Eschenasy	RECENT PARTY WALL DISPUTES
3	R. Edward Minchin Jr., Yifeng Tian	CASE STUDY: CONSTRUCTABILITY REVIEW PROCESS OF A LARGE PUBLIC TRANSPORTATION AGENCY
4	Didier M. Valdés-Díaz, Carla López del Puerto, Benjamín Colucci-Ríos, Alberto M. Figueroa-Medina, Edgardo Concepción-Carrasco, Lorena Sierra-Betancur, and Yindhira Taveras-Canela	DRIVER'S COMPLIANCE IN WORK ZONES: TWO-LANE RURAL ROADS - VS.-FREEWAYS
5	Vaidotas Trinkūnas, Ulrike Quapp, Nerija Banaitienė, Klaus Holschemacher, Eva Trinkūnienė, and Audrius Banaitis	COMPARISON OF MEDIATION SYSTEMS IN THE CONSTRUCTION INDUSTRY OF TWO EUROPEAN COUNTRIES
6	Krishna Kisi, Purushotham Tukkaraja, Kenneth Eltschlager	DISPUTE RESOLUTION IN THE MINING INDUSTRY: LESSONS LEARNED FROM THE EFFECTS OF BLASTING ON NEARBY STRUCTURES
7	Elizabeth Brogan, Bandana Shrestha, Caroline M. Clevenger, Pramen P. Shrestha	SURVEY OF STATE TRANSPORTATION AGENCIES' DESIGN INFORMATION BEST PRACTICES ON LUMP SUM DESIGN-BUILD PROJECTS DURING PROCUREMENT



Tea & Coffee Break
Tuesday, July 27th,
3:30 pm – 4:00 pm



Wednesday, July 28th,
9:00 – 9:30 am

Keynote Speaker II: Dr. Maged Mahmoud Hamed

V-Room A



*Lead Environmental Specialist and
Regional Safeguards Coordinator,
World Bank,
West and Central Africa Region*

Title:

Cleaner and More
Resilient Projects



Tea & Coffee Break
Wednesday, July 28th,
9:30 am – 10:00 am



Next: Technical Session III
10:00 am – 12:00 am, V-Rooms A, B, C, and D



Technical Session III
Wed, July 28th, 10:00 am – 12:00 pm
V-Room A
Structural Systems and Optimization



Moderator:
Klaus Holschemacher

Co-Moderator:
Venkata S. K. Delhi

IT Staff:
Mark Young

Presentation #	Name/Presenter	Presentation Title
1	Hiroki Takahashi, Seiji Takanashi, Tomohito Hori	STUDY ON SAFETY OF PULLING DOWN COLUMNS IN BUILDING DEMOLITION
2	Seiji Takanashi, Hiroki Takahashi, Tomohito Hori	EXPERIMENTAL STUDY ON USE OF FALL PREVENTION MEMBERS IN WALL AND COLUMN DEMOLITION
3	Qian Wang, Joseph Nafash, Paul Owens	AN RBF BASED HIGH-DIMENSIONAL MODEL REDUCTION APPROACH IN BUILDING OPTIMIZATION
4	Kuang-Wu Chou, Chang-Wei Huang	A NEW ELEMENT-BASED METHOD FOR SOLVING STRUCTURAL TOPOLOGY OPTIMIZATION PROBLEMS WITH NON-UNIFORM MESHES
5	Yam MCH, Zhang Ping, Huang Yun, Zhao Qingyang, Ke Ke	PRELIMINARY STUDY ON NOVEL BEAM-TO-COLUMN CONNECTION BASED ON SMA PLATE
6	Ahmed U. Abdelhady, Youssef F. Rashed	AN INNOVATIVE BOUNDARY ELEMENT FORMULATION FOR BUILDING SLABS
7	Somoud Arabasi, Tamer El-Maaddawy, Ahmed ElZaher	RESPONSE OF CONCRETE DEEP BEAMS REINFORCED WITH GFRP BARS AROUND REGIONS OF DISCONTINUITY
8	Haruko Kataoka, Takumi Ito	MECHANICAL PROPERTIES AND RESISTANT MECHANISM AROUND BEARING JOINT BETWEEN PLYWOOD AND BOLT OF BUILDING HYBRID STRUCTURES



Technical Session III
Wed, July 28th, 10:00 am – 12:00 pm
V-Room B



Architectural Engineering and Green Buildings

Moderator:
Amarjit Singh

Co-Moderator:
Asli Pelin Gurgun

IT Staff:
Hadeel Ali

Presentation #	Name/Presenter	Presentation Title
1	Surakist Hunpaisarn, Chawee Busayarat	THE APPLICATION OF MULTIPLE-OBJECTIVE GENETIC ALGORITHMS FOR CONTROLLING SOUND QUALITY BY ARCHITECTURAL FORM DESIGN
2	Santirak Prasertsuk, Patana Rattananavathong	PERFORMANCE-BASED DESIGN FOR ACTIVE LEARNING SPACE AND CO-RESEARCH LABS: ROOFTOP EXTENSION IN AN ARCHITECTURE SCHOOL
3	Supreedee Rittironk	INNOVATIVE PRE-FABRICATED CONNECTORS FOR BAMBOO ARCHITECTURE
4	Gulden Gumusburun Ayalp, Nur Bozhuyuk, Ilhami Ay	FACTORS THAT AFFECT THE JOB BURNOUT AMONG ARCHITECTS AT DESIGN FIRMS
5	AbdulLateef Olanrewaju, Yee Jia Teo, Fikri Sarajul Mohamed	OBSTACLES OF IMPLEMENTING GREEN MAINTENANCE MANAGEMENT IN HOSPITAL BUILDINGS
6	Nahla Hazem, Irene Samy Fahim	A STEP FORWARD ENHANCING GREEN BUILDINGS IN DEVELOPING COUNTRIES
7	Biemo Woerjanto Soemardi, Andira Triana Putri	FUZZY GREEN CONSTRUCTION FOR MEASURING ENVIRONMENTAL PERFORMANCES OF CONSTRUCTION PROJECTS
8	Mauro Cepeda Ortiz	AN INNOVATIVE COOLING ROOF REDUCING THE ENERGY DEMAND FOR A NON-RESIDENTIAL BUILDING IN TROPICAL CLIMATE



Technical Session III
Wed, July 28th, 10:00 am – 12:00 pm
V-Room C

Structural Dynamics and Earthquake Engineering



Moderator:
Edward Minchin

Co-Moderator:
Debby Willar

IT Staff:
Yassmine Marey

Presentation #	Name/Presenter	Presentation Title
1	Roshen Joseph, Aman Mwafy, M. Shahria Alam	COMPARATIVE SEISMIC PERFORMANCE ASSESSMENT OF UHPC JACKETING AND SCED BRACING TECHNIQUES
2	Amr E. M. Abdallah, Ehab F. El-Salakawy	EFFECT OF ASPECT RATIO ON THE BEHAVIOR OF GFRP-RC CIRCULAR COLUMNS UNDER SIMULATED SEISMIC LOADING
3	Yasser M. Selmy, Fangxin Ye, Ehab F. El-Salakawy	SEISMIC PERFORMANCE OF GFRP-RC RECTANGULAR COLUMNS: NUMERICAL STUDY
4	Yusuke Maida, Tomofusa Akita, Nobuyuki Izumi	TREND OF SEISMIC RESPONSES OF EXISTING HIGH-RISE RC BUILDINGS
5	Abdelrahman Ashri, Anas Issa, Aman Mwafy	SEISMIC ASSESSMENT OF CONTEMPORARY VERSUS OLD URBAN FRAME BUILDINGS
6	Seine Kono, Haruka Kataoka, Takumi Ito	REINFORCEMENT METHOD OF COMPOSITE SEISMIC RESISTANT WALL BY STRUCTURAL PLYWOOD AND STEEL MEMBERS
7	Krishna Sai Vutukuru, Kehinde J. Alawode, Ali Bakhtiari, Amal Elawady, Seung Jae Lee, Arindam Gan Chowdhury, Guido Lori	FULL-SCALE EXPERIMENTAL TESTING TO INVESTIGATE WIND-INDUCED VIBRATIONS ON CURTAIN WALL SYSTEMS



Technical Session III

Wed, July 28th, 10:00 am – 12:00 pm

V-Room D



Education and Work Environment // Water Engineering

Moderator:
Siamak Yazdani

Co-Moderator:
Dejan Dinevski

IT Staff:
Mujtaba Quadri

Presentation #	Name/Presenter	Presentation Title
1	Sherine Elbaradei, Mai Alsadeq, Ahmed Abodonya	DETERMINING THE EFFECT OF CHANGING CHANNEL GEOMETRY OF IRRIGATION CANALS ON DISSOLVED OXYGEN CONCENTRATION
2	Mona A. Tawab, Tamer Heshmat, Andreas Schlenkhoff	MODELING COMPLEX FLOW INDUCED BY WATER WAVES PROPAGATION OVER SUBMERGED SQUARE OBSTACLES
3	Sherine ElBaradei, Mai AlSadeq, Sarah Abdel Kader	EFFECT OF COVERING IRRIGATION CHANNELS ON TOTAL DISSOLVED SOLIDS AND TOTAL SUSPENDED SOLIDS
4	Irem Kose, Dilsat Deniz Bindal	IMPACT OF THE RAPID INCREASE IN THE NUMBER OF UNIVERSITIES ON UNIVERSITY STRUCTURE AND SOCIETY
5	Ulrike Quapp, Klaus Holschemacher	LEGAL TOPICS IN BUILDING-RELATED EDUCATION
6	Saeed Rokooei, Samira Rokooei	FIELD TRIPS: CONSTRUCTION CLASSROOMS WITHOUT ROOF
7	Chaiwat Riratanaphong	FACTORS INFLUENCING USER SATISFACTION: CASE STUDIES OF TEN COWORKING SPACES
8	Marco Santiago Morales	BUILDING PERFORMANCE EVALUATION OF AN EDUCATIONAL BUILDING ON SUBTROPICAL HIGHLAND CLIMATE



Tea & Coffee Break
Wednesday, July 28th,
12:00 pm – 12:15 pm



Next: Closing Session and Awards
12:15 pm – 12:55 pm, V-Room B

CLOSING SESSION: V-ROOM B

WED, JULY 28TH, 12:15 PM – 12:55 PM





Lunch Break
Wednesday, July 28th,
12:55 pm – 2:00 pm

