

CITC-V: Accepted Abstracts

Last Updated:	February 15, 2009		
Accepted Abstracts	300	No. of Participating Countries:	46

Ref. No.	Country	Paper Title	Authors	Conference Track
AU01	AUSTRALIA	Building Information Modeling Processes: Pains and Gains for the Construction Industry	Olatunji Oluwole Alfred, Ning Gu, Sher William, Ogunsemi Deji Rufus	Information Technology
AU02	AUSTRALIA	Vulnerability Assessment of Waterfront Residential Properties to Climate Change	Oz Sahin, Sherif Mohamed	Risk Analysis and Decision Making
AU03	AUSTRALIA	Spectral Analysis on Concrete Recycling Implementation	Vivian WY Tam, Khoa N Le	Environment Management
AU04	AUSTRALIA	Deconstruction Practices in Australia and India	Vivian WY Tam	Environment Management
AU05	AUSTRALIA	Australia's First 6-Star Green Education Building: Construction and Services Technologies	Jim Smith, Georger Earl	Sustainable Construction Techniques
AU06	AUSTRALIA	E-learning for Quantity Surveying Measurement	Hodgson, Geoff; Mak, Michael; Sher, Willy	Education and Training in Related Disciplines
AU07	AUSTRALIA	Learn How to Mould a Disjointed Team!	Brenda Treasure	Leadership and Communication
AU08	AUSTRALIA	Examination of the Relationships Among Leadership Styles, Organizational Culture and Knowledge Management Practices	Hai Nam Nguyen, Sherif Mohamed	Knowledge Management
AU09	AUSTRALIA	Resource Allocation for Strategic Quality Management: An Analytic Network Process (ANP) Model	Hisham Alidrisi, Sherif Mohamed	Total Quality Management
AU10	AUSTRALIA	The Impacts of Building Information Modelling System on Construction Cost Estimating	Olatunji Oluwole Alfred, Sher William, Ogunsemi Deji Rufus	Information Technology
AU11	AUSTRALIA	Properties of Recycled Aggregate Concrete with Various Aggregate to Cement Ratios	Duangthidar Kotrayothar, C.Y.Lo, Vivian W.Y. Tam	Engineering Design Issues and Solutions
AT01	AUSTRIA	Performance Based Lab Tests to Predict Pavement Fatigue	Bernhard Hofko, Ronald Blab	Engineering Design Issues and Solutions
AT02	AUSTRIA	Construction Sequence Planning – An Interaction Diagram to Determine the Output of Reinforced Concrete Works	Christian Hofstadler	Construction Planning
BE01	BELGIUM	Properties of Self Compacting Fibre Reinforced Concrete	L.Vandewalle, G.Heirman	Construction Materials

Ref. No.	Country	Paper Title	Authors	Conference Track
BA01	BOSNIA and HERZEGOVINA	Technology in Drinking Water Treatment Plant	Suvada Jusic	Information Technology
BA02	BOSNIA and HERZEGOVINA	Finance Challenges of Infrastructure Construction in the BIH Tourist Cities	Ivana Domljan	Cost and Financial Management
BW01	BOTSWANA	Minimizing the Impact of Culture in Botswana on the Implementation of New PM Paradigms	Mex Muatjetjeja, Pasis Mselle, Dean Kashiwagi, Kenneth Sullivan	Project Management
BW02	BOTSWANA	Botswana Construction Procurement Process: A New Approach	Aderemi Adeyemi, Joe Ssegawa, Dean Kashiwagi, Kenneth Sullivan	Procurement Management
BW03	BOTSWANA	Risk Management: A New Project Management Perspective	Pasis Mselle, Mex Muatjetjeja, Dean Kashiwagi, Kenneth Sullivan	Risk Management
BW04	BOTSWANA	Is it the Culture or an Unstable Procurement Model that Causes Nonperformance in Botswana's Project Management?	Mex Muatjetjeja, Aderemi Adeyemi, Dean Kashiwagi, Kenneth Sullivan	Project Management
BW05	BOTSWANA	How to Jumpstart a University of Botswana Project Management Group	Pasis Mselle, Jacob Kashiwagi, Dean Kashiwagi, Kenneth Sullivan	Education and Training in Related Disciplines
BW06	BOTSWANA	Can Developing Countries Leapfrog the Project Management Technology of More Developed Countries?	Pasis Mselle, Joe Ssegawa, Dean Kashiwagi, Kenneth Sullivan	Project Management
BW07	BOTSWANA	Graduate Risk Management Research & Education Program in Botswana	Pasis Mselle, Aderemi Adeyemi, Dean Kashiwagi, Jacob Kashiwagi	Project Management
CA01	CANADA	Identifying Significant Criteria for Selection of Construction Project Managers in Iran	Abbas Rashidi, Farnaz Sadeghpour, Fateme Jazebi	Intelligent Decision Support Systems
CA02	CANADA	BIM distributed lifecycle data storage on RFID tags	Ali Motamedi, Amin Hammad	Information Systems
CA03	CANADA	Experimental and Numerical Investigation of Steel Tension Members With Holes	P. Arasaratnam, M. Tait, K.S. Sivakumaran	Engineering Design Issues and Solutions
CA04	CANADA	Leadership and Evolution of AEC Organizations: Trends and Challenges	Constantine J Katsanis	Procurement Management

Ref. No.	Country	Paper Title	Authors	Conference Track
CA05	CANADA	Formulation of a Measurement System to Determine Sustainability of Building Projects	Gamini Weerasinghe, Janaka Ruwanpura	Sustainable Construction Techniques
CA06	CANADA	Automated Data Acquisition System Assess Construction Worker Performance and Tool Time	Tharindu Weerasinghe, Janaka Ruwanpura	Information Technology
CH01	CHINA	The Research of Knowledge Management in Real Estate Company Based on Gray Evaluation Model	Yang Du-juan	Knowledge Management
CH02	CHINA	Demolition Within Congested Urban Environment - Nature of Risk and System to Ensure Safety During Work, the Hong Kong Cases	Raymond W M Wong, Ellen Lee	Safety Management
CR01	CROATIA	Application of Chronometric Measurement and Simulation Systems for Better Planning and More Productive Execution of Construction Projects in Croatia	Jadranko Izetbegović, Vedran Zerjav, Stjepan Bezak	Education and Training in Related Disciplines
CR02	CROATIA	Application of Ultrasonic Measurements for Determination of Setting and Hardening in Cement Paste	Dunja Mikulić, Ivan Gabrijel, Bojan Milovanović	Innovative Construction Technologies
CR03	CROATIA	Construction and Demolition Waste Usage Possibilities	Dubravka Bjegovic, Nina Stirmer, Dunja Mikulic	Recycling of Construction Waste
CR04	CROATIA	Investment into New Technology in Uncertainty Conditions	Anita Ceric	Risk Analysis and Decision Making
CZ01	CZECH REPUBLIC	The Modelling Building Life Cycle Costs With Software Support	Korytarova Jana, Markova Leonora, Novy Martin	Cost and Financial Management
CZ02	CZECH REPUBLIC	Instruments of Health and Safety Policy	David Musil	Safety Management
CZ03	CZECH REPUBLIC	Green Bridges for Minimising Fragmentation of Landscape	Pencik J	Sustainable Construction Techniques
CZ04	CZECH REPUBLIC	Insulating Block for Elimination of Thermal Bridge	Pencik. J., Matejka, L.	Recycling of Construction Waste
CZ05	CZECH REPUBLIC	Polymer Windows Subframe for Passive Houses	Matejka, L., Pencik. J.	Recycling of Construction Waste
EG01	EGYPT	Numerical Study of the Base Fixity	Mohamed Ragae Badr Kottb, Ehab Hassan Ahmed Hassan Aly	Engineering Design Issues, Problems and Solutions
EG02	EGYPT	A Fuzzy Logic Approach for Contractor Selection	Mohamed El-Agroudy, Emad Elbeltage, Mohamed E. Abdul Razek	Risk Analysis and Decision Making

Ref. No.	Country	Paper Title	Authors	Conference Track
EG03	EGYPT	Using the Design-Build Delivery Method to Improve Project Constructability	Ahmed F Waly	Procurement Management
FI01	FINLAND	Senior Housing in Finland - Case Tampere	Ms. Tanja P Tyvimaa	Project Management
FI02	FINLAND	Advanced Line of Balance Method (ALoB) in Partly-Repetitive Model-Based Scheduling	Can Ersen Firat, David Arditi, Juhani Kiiras	Information Technology
FI03	FINLAND	Building Information Models for Virtual Construction Companies	Can Ersen Firat, Wafa Alsakini, Juhani Kiiras, Pekka Huovinen	Information Technology
FI04	FINLAND	Integration of 4D and Model Based Scheduling	Can Ersen Firat, Kalle Kähkönen, David Arditi, Juhani Kiiras	Information Technology
FR01	FRANCE	A Method to Manage Real Estate by Risks	F. Taillandier, G. Sauce, R. Bonetto	Risk Analysis and Decision Making
DE01	GERMANY	Risk Identification and Assessment for the Egyptian Water Projects	Usama Issa, F. A. K. Hassona and H. A. EL-Sawah	Risk Analysis and Decision Making
GR01	GREECE	Management Information System: An Innovative Tool for Monitor and Control all Corporate Processes Related with the Construction of the New Railway in Greece	Stavros E. Stavrinoudakis	Information Technology
GR02	GREECE	An Artificial Neural Network for the Pre-estimation of Construction Costs for Electrical and Mechanical Installations on Road Tunnels	Alexander Maravas, John Paris Pantouvakis, Dimitrios Kaltsas	Cost and Financial Management
GR03	GREECE	Structural Equation Model of Estimating Final Construction Cost of Road Tunnel	Kleopatra D. Petroutsatou, Sergios Lambropoulos	Cost and Financial Management
GR04	GREECE	Analysing Critical Factors of Infrastructure Funds: An Introduction	Yiannis Xenidis	International Issues
GR05	GREECE	Implementing the Balanced Scorecard in the Greek Construction Companies Projects	Odysseus G Manoliadis, Ioannis Tsolas	Cost and Financial Management
GR06	GREECE	Introducing a Risk Management System for Public Works in Greece	Emmanouil Kapetanakis, M Valavanidis, Odysseus Manoliadis	Risk Analysis and Decision Making
GR07	GREECE	Assessment of Integrated PV Panels in Fixed Shading Devices for Office Buildings	Maria S Mandalaki	Procurement Management
GR08	GREECE	PFI/PPP Procurement Methods in Construction Sector: Moving a Step Forward	Elena Laina	Procurement Management

Ref. No.	Country	Paper Title	Authors	Conference Track
GR09	GREECE	Landslide Definition by an Integrated Monitoring System	Konstantinos Lakakis, Manolis Charalampakis, Paraskevas Savvaidis	Engineering Design Issues, Problems and Solutions
GR10	GREECE	A Spatial Decision Support System for Highway Infrastructure	Konstantinos Lakakis, Manolis Charalampakis, Paraskevas Savvaidis	Risk Analysis and Decision Making
GR11	GREECE	Masonry Productivity Measurements of Greek Construction Projects	Odysseus Manoliadis, Nikolaos Rakas	Lean Construction
GR12	GREECE	Methodological Analysis of Human Resources Recruitment and Selection	Konstantinos C. Zapounidis, Glykeria Kalfakakou, Eleni Ch. Letsa	Project Management
GR13	GREECE	Quality Management in Enterprises of the Services Provision Sector	Konstantinos C. Zapounidis, Glykeria Kalfakakou, Betty A. Partsalidou	Quality Management
GR14	GREECE	Equipment Supplier Selection Under Multiple Criteria	Georgios N. Aretoulis, Glykeria P. Kalfakakou	Decision Support Systems
GR15	GREECE	Profiling the Modern Project Manager	Georgios N. Aretoulis, Eleni N. Aretouli, Demos C. Angelides, Glykeria P. Kalfakakou	Leadership and Communication
GR16	GREECE	Risk Analysis in Transport Infrastructure Concession Project Funding: The Case of Thessaloniki Submerged Highway Project	Panagiotis Papaioannou, Georgios N. Aretoulis	Risk Analysis and Decision Making
GR17	GREECE	Selection Criteria Used for the Choice of Procurement System and Contract Type for Major Highway Construction Projects	Fani Antoniou, Glykeria Kalfakakou	Procurement Management
HK01	HONGKONG	The Application of Recycling Material for the Sustainability of Slopes: A Case Study of Two Sites in Hong Kong	Johnny Y. N. Mok, Daniel Ho, Dr. Brian Leung, Abid Nadeem	Sustainable Construction Techniques
HK02	HONGKONG	Evaluation of Risk Perceptions in Construction	Ellen Lau, Greg C.K. Tse	Risk Analysis and Decision Making
HK03	HONGKONG	Evaluation of How Construction is to be Procured in the Next Ten Years in the 2010s	Ellen Lau	Procurement Management
HK04	HONGKONG	Environmental Friendly Construction of Drainage Systems Using Pipejacking: A Case Study of the Difficulties Encountered During Construction in Congested Urban Areas	Jackson Kong	Sustainable Construction Techniques

Ref. No.	Country	Paper Title	Authors	Conference Track
HK05	HONGKONG	Key Provisions in International Construction Contracts for Allocating Risks in Cases of Natural Disasters	Edwin H W Chan, Charles KL Chan, Kun Qian	Risk Analysis and Decision Making
HK06	HONGKONG	Key Risks of Build Operate and Transfer Projects in Pakistan	Abid Nadeem, Johnny Y. N. Mok, Brian H. Y. Leung	Risk Analysis and Decision Making
HK07	HONGKONG	Social Costs of Construction Accidents and Safety Investments in Hong Kong	Abid Nadeem, S. L. Tang, H. K. Lee	Safety Management
IN01	INDIA	Time and Cost Evaluation of Construction of Steel Framed Composite Floor with Precast Concrete Floor Structure	N.A.Hedao, L.M.Gupta, G.N.Ronghe	Cost and Financial Management
IN02	INDIA	Construction Quality Management: Imperatives on Architectural/Construction Community	Om Prakash Bawane, K.G. Krishnamurthy	Total Quality Management
IN03	INDIA	Construction Scheduling Based on Ant Colony Optimisation	Arun C, Lakshminarayanan	Engineering Design Issues, Problems and Solutions
IR01	IRAN	An Assessment of Nominal and Actual Productivity of the Construction Equipment Based on Several Earth-fill Dam Projects in Iran	Hamed Nabizadeh Rafsanjani, Yaghoob Gholipour, Hassan Hosseini Ranjbar	Productivity
IR02	IRAN	Application of 4D CAD Approach to Improve Construction Equipment Production Estimating	Amir R. Heydari, Aviad Shapira	Building Information Modeling
IR03	IRAN	Evaluation of 4D CAD Approach as a Construction Communication Tool	Amir R. Heydari, Banafshe Zahraie, G. Ghodrati Amiri	Innovative Construction Technologies
IR04	IRAN	A Computer Model for Selecting Equipment in Earth-Fill Dam Projects.	Hamed Nabizadeh.R, Yaghoob Gholipour	Intelligent Decision Support Systems
IR05	IRAN	Comparitive Analysis of IT Management In Two Dam Construction Studies Projects	Payam Eftekhari, Abdollah Ardeshir	Information Technology
IR06	IRAN	Strength and Permeability of Concrete in Constructing Oil Storage Tanks	Mehran Amiri Ghaleh No	Innovative Construction Technology
IR07	IRAN	Solving Unsteady Flow Equations in Curved-Trapezoidal Channels	A. Mosalman Yazdi, M. R. Mosalman	Engineering Design
IR08	IRAN	Draught Year Management at 2008 in the Karun and Bahmanshir Rivers to Control the Fresh Water Reserving and Sea Water Biologic Impacts	Afshin Turk, Shabnam Ghanavatizadeh	Engineering Design
IR09	IRAN	Steel Buoyancy of Cast in Place Piles, Study and Behavior Through Mistake Design of Longitudinal Steel Bars Area and Basket Spiral Mesh Pitch	Afshin Turk, Shabnam Ghanavatizadeh	Engineering Design

Ref. No.	Country	Paper Title	Authors	Conference Track
IR10	IRAN	An Analytic Hierarchy Process for Selection of Materials in Construction Projects	Mercedeh Tariverdi, Alireza Sarebanha, Ebrahim Eslami	Engineering Design Issues, Problems and Solutions
IR11	IRAN	Quality Control of High-Performance Concrete (HPC): A Durability Approach	Alireza Sarebanha, Mercedeh Tariverdi, Ebrahim Eslami	Engineering Design Issues, Problems and solutions
IR12	IRAN	Multi-Objective Particle Swarm Optimization Model for Dynamic Rescheduling in an FMS With Unexpected Disruptions	M. Rahimi, R. Tavakkoli-Moghaddam	Engineering Design
IR13	IRAN	An Investigation on the Behavior of One-Layer and Two-Layer 3D Panels in Shear and Flexural Test	E. Sheykh Milani, Hassan Afshin, B. Ferdowsi	Engineering Design
IR14	IRAN	Economic Evaluation of Paste Thickener Construction in Optimal Management of Industrial-Complex Water Cycle	Seyed Hossein H. Nourzad, Mohammad Kashef, Mohammad Hadi Afshar	Construction Technology
IR15	IRAN	Management of Reservoir Operation by Fuzzy Logic Decision Making	Seyed Hossein H. Nourzad, Reza Ghodsi, Mohammad Kashef	Decision Support Systems
IQ01	IRAQ	The Adoption of Total Quality Management Philosophy in Iraqi Construction Industry	Zaid J. Al-Najjar, Sidqi I. Razzuki	Total Quality Management
IT01	ITALY	Evaluation Support in Strategic Decision Making Processes Comparing Tools and Methodologies	Cristina Coscia, Elena Fregonara, Diana Rolando	Intelligent Decision Support Systems
JO01	JORDAN	Analysis of Joint Sealant Failures Using XPS, and Adhesion and Cohesion Works	Saad A. Abo-Qudais	Engineering Design
KR01	KOREA	Identifying Causes of Material Wastage on Construction Sites in Vietnam	Van Truong Luu, Soo-Yong Kim	Cost and Financial Management
KR02	KOREA	Is M&A Strategy Really Helpful for Global Contractors?	Seokjin Choi, Seung H. Han	International Issues
KR03	KOREA	Behavior Characteristic of Shaping by Means of Cable-tensioning in SCST Structure	Kim Jin-Woo	Innovative Construction Technologies
KR04	KOREA	The Material Management Process Model of Material Characteristic for Material Administration of Physical Distribution	Ha, Young-seo; Yu, Jung-ho; Kim, Chang-duk	Supply Chain Management
KR05	KOREA	Order Management Process Based Dynamic Materials Data	Lee Jae Myung	Information Technology
KR06	KOREA	Work Condition Analysis Process for Improving Reliability of Work Plane	Song, Ji-Won; Yu, Jung-Ho; Kim, Chang-Duk	Construction Process Reengineering
KR07	KOREA	An Evaluation of the Priority Order in Applying the Sustainable Office Building Design	Jiho Park	Sustainable Construction Techniques

Ref. No.	Country	Paper Title	Authors	Conference Track
KR08	KOREA	Development of Prototype of Integrated Design Management System	JaeWon Shin	Information Systems
KR09	KOREA	A Framework of Information Operation for National Asset Management of Civil Infrastructure	Sang-Ho Lee, Bong-Geun Kim, Sang Il Park, Hyun Jung An	Information Systems
KR10	KOREA	Historical Data-based and Simulation-Aided Probabilistic Approach for Cost-Time control	Heedae Park, Seung Heon Han, Bo Seong Kang	Construction Process Reengineering
KR11	KOREA	Strength Characteristics of Modified Epoxy Concrete With High Ductility	Young-shik PArk, Jin-kook Suh, Hyun-woo Nam, Seoung-kyu Kim	Innovative Construction Materials
KR12	KOREA	Bridge Lifting Apparatus for Reconstruction of Piers and Abutments	Seoung-Kyu Kim, Young-Shik Park, Jin-Kook Suh	Innovative Construction Technologies
KR13	KOREA	Development of the 3D Computer System to Quantify Automatically Construction and Demolition Waste	Chang-Hak Kim, Leen-Seok Kang, Jae-Ho Pyeon	Recycling of Construction Waste
KR14	KOREA	A Revolutionary Concept in PSC Bridge Girder Design Having Holes in the Web	Man Yop Han, Sokhwan Choi, Yong-Sik Jeon	Engineering Design Issues and Solutions
LU01	LUXEMBOURG	Bat'iTrust, a Trust-based Dashboard for the Construction Management	Annie Guerriero, Sylvain Kubicki, Gilles Halin	Web-based Project Management
MY01	MALAYSIA	Procurement Strategies Perception in the Oil and Gas Industry: Capturing Changing Values and Dealing with Multi Cultural Complexity	Mohammad Fadhil Mohammad	Procurement Management
MY02	MALAYSIA	Building Environmental Efficiency as Sustainable Tool for Assessment and Rating Initiative (BEESTARI): Case Study of Life Cycle Assessment of Purpose Built Office in Malaysia	Khamidi, M. F., Idrus, A., Nuruddin, M. F.	Sustainable Building Assessment Tool and Rating System
MY03	MALAYSIA	Adopting a New Housing Delivery System: The Case of Private Housing Developers in Malaysia	Nor'Aini Yusof, Mohd Wira Shafiei, Sofri Yahya, Ng Lee Fen	Project Delivery Systems
MY04	MALAYSIA	The Private Finance Initiative (PFI) Procurement System and its Implementation in Malaysia	Takim, R. Abdul-Rahman, A.R., Ismail, K.	Procurement Management
MY05	MALAYSIA	The Attributes of Malaysian Construction Clients during Briefing Process and Factors Influencing Them: A Comparison between Public and Private Clients	Norizan Ahmad, Ismail Rahmat, Rahasnan Abd Rashid	Project Management

Ref. No.	Country	Paper Title	Authors	Conference Track
MY06	MALAYSIA	Continuing Professional Development (CPD): A Study on the Perception and Motives between Board of Quantity Surveyors and Their Members	Norfashiha Hashim, Hamimah Adnan, Nurul Afida Isnaini Janipha, Fadzil Hassan	Education and Training in Related Disciplines
MY07	MALAYSIA	Case Studies of the Applicability of Risk Management Practice in Klang Valley, Malaysia	Nor Azian Mohd Yusuwan, Hamimah Adnan, Ahmad Faris Omar	Risk Analysis and Decision Making
MY08	MALAYSIA	An Assessment for Safety Management for Construction Plant and Machinery in Malaysia	Husrul Nizam Husin, Natasha Khalil, Hamimah Adnan, Abdul Hadi Nawawi	Safety Management
MY09	MALAYSIA	Risk Management in Design and Build on Construction Projects in Malaysia	Hamimah Adnan	Risk Management
MY10	MALAYSIA	Better Understanding of Project Management for Small Contractors in Malaysia	Hamimah Adnan	Project Management
MY11	MALAYSIA	An Overview of Implementation Private Finance Initiative (PFI) in Malaysian Construction Industry	Shamsida Hj Saidan Khaderi, Sr Abdul Rashid Abdul Aziz	Procurement Management
MY12	MALAYSIA	Correlation Analysis of Building Performance and Occupant's Satisfaction via Post Occupancy Evaluation for Malaysia's Public Buildings	Natasha Binti Khalil, Hamimah Adnan, Abdul Hadi Nawawi, Husrul Nizam Husin	Facilities Management
MY13	MALAYSIA	Maintenance Approaches of Historical Buildings in Malaysia	Ms. Robiah Abdul Rashid, A. Ghafar Ahmad	Facilities Maintenance
MY14	MALAYSIA	Outsourcing of Hospital Support Service in Malaysia: A Survey Results	Suliahti Binti Hashim	Facilities Management
MY15	MALAYSIA	Shaping Positive Safety Culture in Malaysian Construction Industry	Syamsul Hendra Mahmud	Safety Management
MY16	MALAYSIA	Unethical Practices in the Procurement of Construction Materials in Nigeria	Ahmed Mohammed Kamaruddeen, Ilias Said, Nor Aini Yusof	Procurement Management
MY17	MALAYSIA	A Study on Malaysian Legal Framework and Risk Management: Design Works	Mr. Zul Zakiyuddin Ahmad Rashid, Hamimah Adnan	Risk Management
MY18	MALAYSIA	Cost Effective Construction Materials Based on Stabilized Peat Soils	Roslan Hashim	Innovative Construction Technologies
MY19	MALAYSIA	An Automated Entities Extraction Model for Elements Recognition from the Structural 2d Drawing	Chitrakala Muthuveerappan, Muhd Zaimi Abd Majidr, Abdul Hakkim Muhamad	Information Technology

Ref. No.	Country	Paper Title	Authors	Conference Track
MY20	MALAYSIA	Road Pavement Density Measurement by Using Non-Destructive Ground Penetrating Radar System	Helmi Z. M. Shafri, RSA Raja Abdullah, Mardeni Roslee	Information Systems
MY21	MALAYSIA	On the Genetic Algorithm Optimization of Non-Geometric Brace Systems	H. A. Mosalman Yazdi, N. H. Ramli Sulong	Intelligent Decision Support Systems
MY22	MALAYSIA	Stiffened Behaviour of Profiled Steel Sheet Dry Board System Via Timber and Aluminium Strips	Hamid, M.F., Wan Badaruzzaman, W.H., Awang, H.	Innovative Construction Technologies
MY23	MALAYSIA	Development of a New Composite Flooring System Based on Improved Profiled Steel Sheet Dry Board (PSSDB) System	W.H. Wan Badaruzaman, H. Awang, N. Nordin, A.B. Shaini	Innovative Construction Technologies
MY24	MALAYSIA	Connector Stiffness of 'Peva-Cemboard' Screwed Connection in Profiled Steel Sheet Dry Board (PSSDB) Panel	Norhaiza Nordin, Wan Hamidon Wan Badaruzzaman, H. Awang	Innovative Construction Technologies
MY25	MALAYSIA	Construction Management for Sustainable Housing Development in Malaysia: Benchmarking Best Practices	Ilias Said, Abu Bakar Hassan, Omar Osman, Arman Abd. Razak, Waleed Mohamad Rashideh	Sustainable Construction Techniques
MY26	MALAYSIA	Understanding the Sustainability of Construction Firms in Malaysia	Waleed Mohamad Rashideh, Omar Osman	Sustainable Construction
MY27	MALAYSIA	Construction Procurement Innovations through Electronic Technology Platforms	Sharif Yusuf, Omar Osman	Innovative Construction Technologies
MY28	MALAYSIA	Procurement Selection Practices in Post Disaster Project Management: A Case Study in Banda Aceh, Indonesia	Abu Hassan Abu Bakar, Omar Osman, Alfa Taras Bulba	Procurement Management
MY29	MALAYSIA	The Variables that Influence the Attributes of Malaysian Construction Clients During Briefing Process	Norizan Ahmad, Ismail Rahmat, Rahasnan Abd Rashid	Project Management
YU01	MONTENEGRO	Economical Analysis of the Possibility of Application of the Forgotten Technology of Building	Ratko V Mitrovic	Project Management
YU02	MONTENEGRO	Optimization of the Technology of Structures of Building Construction	Ratko V Mitrovic	Innovative Construction Technologies
NZ01	NEW ZEALAND	The Case for a 'Construction-Friendly' Bank – A Pre-Feasibility Study	Vasantha Abeysekera, Gary Lord	Project Management

Ref. No.	Country	Paper Title	Authors	Conference Track
NZ02	NEW ZEALAND	Theoretical Underpinnings of the Price Fluctuation Formula	Vasantha Abeysekera, Priyantha Sinhalage	Project Management
NG01	NIGERIA	Causes and Minimization Techniques of Materials Waste in Nigerian Construction Process	Oladiran, Olatunji Joseph	Sustainable Construction Techniques
NG02	NIGERIA	A Criteria Model for Budgeting and Assessing Industrial Sites Location in Developing Economy	B. Kareem	Cost and Financial Management
NG03	NIGERIA	A Dynamic Model for Sequential Expansion in Building, Machinery and Manpower Based on Gradual Funding	B. Kareem	Cost and Financial Management
NG04	NIGERIA	Project Performance Measurement: Implications of Current Trends on the Project Manager's Responsibility	Chibueze A Ogbonna	Knowledge Management
TRNC01	NORTH CYPRUS	The Importance of Choosing the System of Structure and Earthquake Education for Architects in Turkey	Riadh Shihab Aljibouri	Education and Training in Related Disciplines
TRNC02	NORTH CYPRUS	Influence of Drying on the Behaviour of Clay and Soil	Fatmah Shhab	Engineering Design
TRNC03	NORTH CYPRUS	Investment Appraisal of a Small Hydro Power Plant: A Case Study for a Small Hydro Power Plant in Bosnia and Herzegovina	Tahir Celik, Faruk Ibisevic	Cost and Financial Management
TRNC04	NORTH CYPRUS	Home-Buyers' Product Selecting Criteria vs. Satisfaction Rate	Mehmedali Egemen	Lean Construction
TRNC05	NORTH CYPRUS	Utilization of High Volume Fly Ash Cement Paste in Civil Engineering Construction Sites	Ertug Aydin	Sustainable Construction Techniques
TRNC06	NORTH CYPRUS	Training Needs in the Local Infrastructure Construction Industry Market in North Cyprus	Balkiz Oztemir	Education and Training in Related Disciplines
NO01	NORWAY	Pavement Deterioration Models for the Ethiopian Pavement Management System	Ephrem Tadesse, Helge Mork	Asset Management
PK01	PAKISTAN	Costs and Reasons of the Delays in the Construction Projects in Higher Education Sector of Pakistan	Attaullah Shah, Rashid Naeem, Ehsanul Haq	Cost and Financial Management
PK02	PAKISTAN	Seismic Strengths and Weaknesses of the Various Building Systems Adopted in the Reconstruction of Earth Quake Affected Areas of Pakistan	Attaullah Shah, Abdul Shakoor, Salimullah Khan	Sustainable Construction Techniques

Ref. No.	Country	Paper Title	Authors	Conference Track
PK03	PAKISTAN	Trend Analysis of the Construction Costs Escalation in Pakistan	Attaullah Shah, Murtaza A Shah, Ehsanul Haq, Salimullah Khan	Cost and Financial Management
PK04	PAKISTAN	Construction Management of Housing Projects in the Earthquake Affected Areas of Pakistan	Rab Nawaz Khan, Attaullah Shah	Engineering Design Issues Solutions
PK05	PAKISTAN	Innovation and Sustainability in Geotechnical Exploration and Foundation Engineering Practice in Pakistan	Ammad Hassan Khan, Aziz Akbar, Salman Azhar	Innovative Construction Technology
PK06	PAKISTAN	A Framework for Strategic Management in Construction Contracting Firms	Mr Rehan Masood, Rizwan U. Farooqui, Junaid Aziz	Strategic Management
PK07	PAKISTAN	Benchmarking the Quality Culture of Construction Contractors in Pakistan	Muhammad Saqib, Rizwan U. Farooqui, Sarosh H. Lodi	Quality Management
PK08	PAKISTAN	Policy, Practice, Education and Research Issues in Designing for Safety	Rafiq M. Choudhry, Helen Lingard, Nick Blismas	Safety Management
PS01	PALESTINE	Proposal for Evaluation Management of Concrete Block Pavement (Interlock Pavement) with New Pavement Condition Index	Shafik M Jendia, Ibrahim ElAstal	Engineering Design
PH01	PHILIPPINES	Risk Management of Public-Private Partnerships (PPP) Infrastructure Policy and Implementation : A Philippine Contractors Point of View	Marikit Natividad-Ogena	Risk Analysis and Decision Making
PH02	PHILIPPINES	Critical Success Factors (CSF's) of Public-Private Partnership (PPP) Infrastructure Policy and Implementation: A Case Study in Philippine Road Sub-Sector	Marikit Natividad-Ogena	Project Management
PL01	POLAND	Execution of Facility Foundation on CFA Piles at a Post-industrial Waste Dump: Case Study	Marta Pajak, Anna Sobotka	Engineering Design Issues, Problems and Solutions
PT01	PORTUGAL	Mechanical Characterization for Mortar for Masonry	Nuri Batista; M F Paulo Pereira; Jose B. Aguiar	Engineering Design Issues, Problems and Solutions
QA01	QATAR	Waste Rubber Aggregates for Use in Asphalts: A Laboratory Study	Hassan Al-Nageim, Ahmed Senouci	Recycling of Construction Waste
RO01	ROMANIA	Dampness Elimination from Building Walls	Cristina Campian	Engineering Design Issues and Solutions

Ref. No.	Country	Paper Title	Authors	Conference Track
RO02	ROMANIA	Environmental Aspects of Sustainable Building Design	Andreea-Terezia Mircea	Sustainable Construction Techniques
RO03	ROMANIA	Role of Wind Pressure Data Probabilistic Interpretation in Wind Tunnel Tests on Tall Buildings	Carmen Elena Teleman, Radu Silion, Elena Axinte, Nicolae Taranu	Future Design and Construction of Tall Buildings
RO04	ROMANIA	Use of Glass Waste for the Production of Building Materials	Daniela Lucia Manea, Claudiu Aciu	Recycling of Construction Waste
SA01	SAUDI ARABIA	A Systematic Approach for Highway Maintenance Decision and Priority	Abdullah I. Al-Mansour	Risk Analysis and Decision Making
SA02	SAUDI ARABIA	Delay Analysis Techniques Comparison	Khalid S. Al-Gahtani, Satish B. Mohan	Construction Claims
SA03	SAUDI ARABIA	New Scale for Bid Selection: An Analytical Method	A.Rahman AL-Sinaidi	Risk Analysis and Decision Making
SA04	SAUDI ARABIA	Comparison of Saudi Public Works Contract vs. the UK Counterpart	Ibrahim Al-Hammad	Legal and Contractual Issues
SG01	SINGAPORE	Steel Bridge Rust Recognition- A Color-Image-Based AI Approach	Po-Han Chen, Ya Ching Yang, Luh-Maan Chang	Engineering Design Issues
SK01	SLOVAKIA	Sustainable Technology of Conservation of Wall Copings at Architectural Heritage Torso	Oto Makys	Sustainable Construction Techniques
SK02	SLOVAKIA	Tower Crane Placement Analysis	Peter Makys	Risk Analysis and Decision Making
SE01	SWEDEN	A New Generation of Demo-Projects for Sustainable Sector-Integrated Innovations	Barbara Rubino	Knowledge Management
SE02	SWEDEN	Relationship Between Partnering Process in Construction and Customer Satisfaction	Omur Uzaslan	Integration of Design and Construction Process
TW01	TAIWAN ROC	Utility Model for Evaluation of Alternative Procurement Methods	Li-Chung Chao	Procurement Management
TH01	THAILAND	Investigate the Cyclical Style of Safety Management Utilizing the Construction Safety Culture Dynamic Model	Thanwadee Chinda	Safety Management
TH02	THAILAND	Technical and Economic Analysis for Optimum Condition of Aggregate Recycled from Unused ready-Mixed Concrete	Sansanee Supapa	Sustainable Construction Techniques
TH03	THAILAND	Comparison of International Technology Transfer in Construction Project Between Thailand and India	Tanut Waroonkun	Knowledge Management
TH04	THAILAND	The Effects of Limestone Powder and Fly Ash on Compressive Strength of Casting Concrete in Hollow Core Slab Manufacturing Process	Yanpirat, Sansanee Supapa, Chaiyarun Wuttivoradit	Engineering Design

Ref. No.	Country	Paper Title	Authors	Conference Track
TH05	THAILAND	Saw Blade Lifetime Extension for Cost Saving and Productivity Improvement	Sorasit Srikamonsirisak, Prapaisri Sudasna-na-Ayudhya	Engineering Design Issues, Problems and Solutions
TH06	THAILAND	Evaluation of Signaling System Selection of Chord Line Construction Investment: MADM Approach	Nawaporn Rithsuk, Patcharaporn Yanpirat	Risk Analysis and Decision Making
TH07	THAILAND	Automated Planning of Collision-Free Paths for Material Handling Equipment	Kevin Tantisevi	Automation and Robotics in Construction
NL01	THE NETHERLANDS	Modern Collaboration-Tools in Construction: Increasing Profits or Failures?	Wilco Tijhuis	Risk Analysis and Decision Making
NL02	THE NETHERLANDS	Ontology Models of Window Performance Characteristics for Harmonized Conformity Assessment Process	Ayse Nesen Surmeli, Jan-Willem van de Kuilen, Wolfgang Gard, Reza Beheshti	Information Systems
TR01	TURKEY	An Information System Model to Support the Decision Making Process of Appropriate Project Delivery/Procurement Approach for Contracting Firms	Alaattin Kanoglu, Sinem Gulen	Procurement Management
TR02	TURKEY	Fuzzy Logic Model for Benchmarking Knowledge Management Performance of AEC Firms	Serdar Kale, Erkan Karaman	Knowledge Management
TR03	TURKEY	Managing Information Technology in Construction: Case of the Turkish Construction Industry	Gul Polat	Information Technology
TR04	TURKEY	Contractual Problems and Related Turkish Legal Practice	Orhan Barut	Contractual and Legal Issues
TR05	TURKEY	Planning of Linear Construction Projects Using Geographic Information Systems	Rifat Sonmez, Furkan Uysal	Planning of Construction Projects
TR06	TURKEY	Strategic Group Analysis by Using Fuzzy Clustering	Cenk Budayan, Irem Dikmen, M. Talat Birgonul	Strategic Management-Organizational Issues
TR07	TURKEY	Managing the Risk of Contractor Failure	Zeynep Yagmuroglu, Murat Gunaydin, David Ardit	Risk Analysis and Decision Making
TR08	TURKEY	Sustainable Construction: Private Finance Initiative (PFI) Road Cases in the UK - The Theory	Rifat Akbiyikli, David Eaton	Sustainable Construction Techniques
TR09	TURKEY	Factors Affecting Marketing Success for Construction Companies in the Housing Sector	Gokhan Arslan, Serkan Kivrak, Mevlut Tankisi	Marketing in Construction

Ref. No.	Country	Paper Title	Authors	Conference Track
TR10	TURKEY	Cost and Time Focused Risk Analysis in the Turkish Construction Industry	Aynur Kazaz , Serdar Ulubeyli	Risk Analysis and Decision Making
TR11	TURKEY	Factors Affecting Project Cost and Time in Construction	Aynur Kazaz, Nihan Avcioglu	Cost and Financial Management
TR12	TURKEY	Investigating the Causes of Delays in Occupancy Permit Issuance	Sevgi Zeynep Doğan-Erdoğan, H. Murat Gunaydin, Aysu Demirciefe	Total Quality Management
TR13	TURKEY	Noise Exposure of Construction Workers	Gulin Birlik	Safety Management
TR14	TURKEY	A Striking Case Study in Respect to the Construction Project Management Aspects of an Ongoing Large Scale Industrial Construction Project	Cengiz Akın	Project Management
TR15	TURKEY	Estimation of Building Costs Using Geographic Information Systems	Onder Halis Bettemir, Rifat Sonmez	Information Systems
TR16	TURKEY	Impacts of Cultural Differences on Knowledge Management Practices in Construction	Serkan Kivrak, Andrew Ross, Gokhan Arslan	Knowledge Management
TR17	TURKEY	A Comparison of Tabu Search, Simulated Annealing and Genetic Algorithms for Discrete Time-Cost-Quality Trade-Off Analysis	Mustafa Emre Ilal, Serdar Kale	Information Technology
TR18	TURKEY	Quality Function Deployment Methodology for Evaluating Customer Satisfaction in Mass Housing Sector	Yeliz Olcay	Quality Management
TR19	TURKEY	A Solution for Creating the Algorithm of Transferring Cost Estimation Data to a CPM Program via Construction Management ERP Software	Ahmet Avinal	Information Technology
TR20	TURKEY	Comparison of Fuzzy Logic, Artificial Neural Network and Multiple Regression Analysis Methods in the Determination of Selling Prices of House	Hakan Kusan, Osman Aytekin, Ilker Ozdemir	Intelligent Decision Support Systems
TR21	TURKEY	How Should Expertise Classification be within Construction Planning?	Ahmet Avinal	Construction Planning
TR22	TURKEY	Solution of Unbalanced Transportation Problems Using Simplified Generalized Network Algorithm (SGNA)	Osman Aytekin, Hakan Kusan, Ilker Ozdemir	Supply Chain Management
TR23	TURKEY	A Review of International Green Building Certification Methods: A Roadmap for a Certification System in Turkey	Dr. Duygu Erten, Kirk Anderson, Bilge Kobas	Sustainable Construction Techniques

Ref. No.	Country	Paper Title	Authors	Conference Track
TR24	TURKEY	An Assessment of Existing Data Standards in Representing Contextual Information Required for Production Rate Estimations	Semiha Kiziltas, Burcu Akinci	Building Information Modeling (BIM) and Virtual Construction
TR25	TURKEY	Recent Issues in Civil Engineering Education	Y. Cengiz Toklu	Education and Training in Related Disciplines
TR26	TURKEY	Two BIM based web-service patterns: BIM SOAP Façade and RESTful BIM	Umit Isikdag, Jason Underwod	Building Information Modeling (BIM) and Virtual Construction
TR27	TURKEY	Excavation of Ankra Metro Shaft by Using Inclined Piles	Orhan Barut	Innovative Construction Techniques
TR28	TURKEY	Evaluating Innovation Performance of Countries in the Construction Industry by Using Patent Data	Esin Ergen, Cemil Baspinar	Project Management
TR29	TURKEY	A Glocal Strategy Approach for International Construction Projects	Zeynep Isik, M.Talat Birgonul, Irem Dikmen	International Issues
TR30	TURKEY	A Review of the Data Collection and Management Technologies for the Operational Stage of Facilities	Ali Murat Tanyer	Project Management
TR31	TURKEY	Visual Management – A General Overview	Algan Tezel, Lauri Koskela, Patricia Tzortzopoulos	Project Management
TR32	TURKEY	Sustainable Construction: Private Finance Initiative (PFI) Road Cases in the UK - The Reality	Rifat Akbiyikli, David Eaton	Sustainable Construction Techniques
AE01	UAE	Cultural Diversity and Its Effect on Construction Project Team Effectiveness	Mohammed Dulaimi, Amjad Hariz	Procurement Management
UK01	UK	Collaborative Architectural and Building Design in Second Life	Raju Pathmeswaran, Vian Ahmed, Carl Abbott, Ghassan Aouad	Building Information Modeling
UK02	UK	Socio-economic Influences on the Adoption of Total Quality Management in the Libyan Construction Industry	Khaled Sherif, Andrew Fox	Total Quality Management
UK03	UK	An Empirical Study of Total Quality Management Deployment Within the UAE Construction Sector	Nicholas Chileshe, Yasir Hayat	Total Quality Management
UK04	UK	An Investigation into the Perceptions of Service Quality of Building Maintenance Contractors in Zambia	Sambo Zulu, Nicholas Chileshe	Total Quality Management
UK05	UK	Spiral of Knowledge, Network Theory and Communities of Practice in Consulting Engineering Firm	Abbas Elmualim, Simon Howard	Knowledge Management

Ref. No.	Country	Paper Title	Authors	Conference Track
UK06	UK	System Dynamics for Controlling Sustainable Projects	Ibrahim Motawa	Decision Support Systems
UK07	UK	Observations of Internet Design Process Meetings: An Investigation of Collaborative Problem Solving in Construction	M. Alel, A.S.K. Kwan, J.C. Miles	Information Technology
UK08	UK	Relationship Between Duration and Cost of Malaysian Construction Projects	Intan Rohani Endut, Akintola Akintoye, Zayyana Shehu	Cost and Financial Management
UK09	UK	An Investigation into the Perceptions of Client – Professional Interaction at Project Inception, in Australia, Compared with United Kingdom Experiences: Results of a Pilot Study.	Rod Gameson, Mr Willy Sher	Procurement Management
UK10	UK	Variability in the Application of Space Management Tools for Facilities Managers	Darren Booy, Abbas Elmualim, Derek Clements-Croome, Karl Horner , Keith Perry	Innovative Construction Technologies
UK11	UK	Measuring Construction Innovation	Beliz Ozorhon, Carl Abbott, Ghassan Aouad	Innovative Construction Technologies
UK12	UK	Teaching Globalization Issues to Civil Engineering Students – The International Collaborative Construction Management Course	Lucio Soibelman, Rafael Sacks, Burcu Akinci, Carlos Formoso, Irem Dikmen, M.Talat Birgonul, Eduardo Isatto	Education and Training in Related Disciplines
UK13	UK	An Information System for Design Decision-Making in Hybrid Building Projects	Kemi Adeyeye, Christine Pasquire, Dino Bouchlaghem	Information Management
UK14	UK	Can Housing Developers Deliver Zero Carbon Homes in England by 2016?	M. Osmani, A. O'Reilly	Sustainable Construction Techniques
UK15	UK	Management Development for UK Construction Firms	Hutchinson, V.J., Wharton, A.P.	Education and Training in Related Disciplines
UK16	UK	Investigating the Expectation and Satisfactory Levels of UK Project Extranet Users	Gideon Osei-Antwi, Pollaphat Nitithamyong	Project Management
UK17	UK	Causes of Delay in Iran Construction Projects	Ehsan Asnaashari, Saeed Shahrabi, Andrew Knight, Alan Hurst, Ahmad Reza Hoseini	Project Management
UK18	UK	A Decision Support System for Selecting Sustainable Material for Building Projects	Oluwole P. Akadiri	Sustainable Construction Techniques
UK19	UK	Towards Implementation of Building Information Modelling in the Construction Industry	Yusuf Arayici, Farzad Khosrowshahi, Sas Mihindu	Building Information Modeling (BIM) and Virtual Construction

Ref. No.	Country	Paper Title	Authors	Conference Track
UK20	UK	Implementing Best Practice in Value Engineering - U.K. Civil Engineering Contractors' Perspective	Amanda Cooper, Keith Potts	Cost and Financial Management
UK21	UK	Alternative Waste Aggregates in Road Base Materials	H. Al Nageim, P. Visulios, B. Saghafi	Construction Technology
UK22	UK	Exploring Estimator Behaviour in Pricing Road Projects	Charles Afetornu, Francis Edum-Fotwe, Alex Twumasi-Boakye, Ronald McCaffer, Frank Fugar	Cost and Financial Management
UK23	UK	Investigating the Range of Estimating Accuracy in Road Projects	Charles Afetornu, Francis Edum-Fotwe, Alex Twumasi-Boakye, Ronald McCaffer, Frank Fugar	Cost and Financial Management
UK24	UK	A review of growth for construction service companies in global markets	Roger Flanagan, Carol A. Jewell, Caner Anac	International Issues
UK25	UK	Construction Skills shortages – any global lessons gleaned from UK scarcity?	Pauline Corbett, Carr	International Issues
UK26	UK	Regeneration Decision-making: Some Early 'Opportunities' and Decisions for SURegen	Amanda Marshall-Ponting	Multi-disciplinary Construction Problems and Methodologies
UK27	UK	Exploring the Use of Semantic Web Techniques for Representing Knowledge About Sustainable Building Technologies	Tah, J.H.M., Abanda, F.H.	Intelligent Decision Support Systems
UK28	UK	Application of a Heuristic Algorithm for Efficient Resource Scheduling: a Case Study	David Greenwood, Davood Fazel	Construction Process Reengineering
UK29	UK	Delivering Integrated Engineering and Architectural Design Education	Michael Angus, Fiona Bradley	Education and Training in Related Disciplines
UK30	UK	Investigating the Cost of Quality in Construction SMEs	Paul Watson, Adam Marshall Lawton	Quality and Costing
UK31	UK	The Need of Performance Measurement for Strategy Development	Aryani Ahmad Latiffi, Patricia Carrillo, Kirti Ruikar, Chimay Anumba	Total Quality Management
UK32	UK	Digital Technologies in Built Environment - An Overview	Emine Mine Thompson	Construction Education, Research and Practice
UK33	UK	A Study of Turkish Construction Consultancies for the Applicability of Project Extranets	Serra Ersoy, Mehmet Koray Pekerlici	Web-based Project Management
UK34	UK	The Leader, The Led & The Mission: Their Impact On Project Leadership Performance	Sambo Zulu	Project Management

Ref. No.	Country	Paper Title	Authors	Conference Track
UK35	UK	Qualitative Research Methods in Project Management Research in the Built Environment	Esra Kurul	Education and Training in Related Disciplines
US01	USA	Influence of Project Delivery Methods on Achieving High Performance Sustainable Buildings: Preliminary Results Based on a Pilot Study	Lipika Swarup, Sinem Korkmaz, Michael Horman, David Riley	Sustainability
US02	USA	A Review of Green Building Movement Timelines in Developed and Developing Countries to Build an International Adoption Framework	Sinem Korkmaz, Duygu Erten, Matt Syal, Varun Potbhare	Sustainable Development
US03	USA	Experiences and Evaluations of Pavement Reflective Cracking Control Techniques	Yi Jiang	Engineering Design Issues
US04	USA	A/E/C Integration: An Education and Training Program	Roosbeh Kangari	Education and Training in Related Disciplines
US05	USA	Development of Vacuum/ Pressure Bagging System for FPR Repair	Danny Winters, Gray Mullins, Mike Stokes, Rajan Sen	Engineering Design Issues
US06	USA	Reducing Construction Time by Using Innovative Contracting System: A Case Study	Zohar J. Herbsman	Innovative Construction Technologies
US07	USA	The Role of Insurance in Mitigating Natural Catastrophic Risks	Islam H El-adaway	Intelligent Decision Support Systems
US08	USA	Teaching Construction Methods Using Virtual Reality	Chul S. Kim	Education and Training in Related Disciplines
US09	USA	Subcontractor Default Insurance (SDI): A Comparative Analysis with Surety Bonds – the Contractor’s Perspective	Dennis C. Bausman	Cost and Financial Management
US10	USA	A Model for Increased Collaboration in Construction	Barry Jones	Intelligent Decision Support Systems
US11	USA	Effect of Kinematic Viscosity of Hydrocarbon Contaminants on Shear Strength and Compressibility of a Well Graded Sandy Soil	Salah A. Taqieddin	Engineering Design Issues and Solutions
US12	USA	A Proposed Meta-data Model for Highway Construction Project Dispute Issue	Yimin Zhu, Yueren Wang, Emre Bayraktar	Construction Claims
US13	USA	Claim Reduction Strategies in Condo Construction	Khalid Siddiqi, Christy Heath	Risk Analysis and Decision Making
US14	USA	Why Sustainable Building Design and Construction? : Why Now?	Muge M Darwish, Maryfrances Agnello, Hendrika Buelinckx	Education and Training in Related Disciplines
US15	USA	Clean, Green and Sustainable Building Elements: Masonry and Brick	Muge Mukaddes Darwish, Maryfrances Agnello	Sustainable Construction Techniques

Ref. No.	Country	Paper Title	Authors	Conference Track
US16	USA	Managing Uncertainty in Workspace Planning: An Option Valuation Approach of Innovative, Flexible Leases	Baabak Ashuri	Cost and Financial Management
US17	USA	Lessons Learned From Generation of BIM for Construction Management: Case Study	Asli Akcamete, Burcu Akinci, James H. Garrett, Jr.	Building Information Modeling (BIM) and Virtual Construction
US18	USA	Building Green With Concrete	Abdol Chini	Sustainable Construction Techniques
US19	USA	Application of Formal Concept Analysis in Estimating the Cost of Green Buildings	Gulbin Ozcan, Yimin Zhu	Sustainable Construction Techniques
US20	USA	BIM Modeling Carrying Sustainable Design to Life-Cycle and Performance-Based Assessment	Laura Klein, Burcin Becerik Gerber	Building Information Modeling (BIM) and Virtual Construction
US21	USA	Unique Dashboard Needs of Construction Project Team Members	Guzide Atasoy, Burcu Akinci, Katherine Basta	Project Monitoring and Control
US22	USA	Managing Construction Projects in Conflict Zones: A Comparison and Contrast With Methodologies Employed in the US	Christine Bahar Hess, George Suckarieh	International Issues
US23	USA	Robust Design Of Global Project Networks	Kenny Wong, Hakan I. Unsal, John E. Taylor, Raymond Levitt	International Issues
US24	USA	Indoor Air Quality Optimization to Increase Worker Productivity in Office Buildings	B. Gokhan Celik, Kevin R. Grosskopf, Charles J. Kibert	Intelligent Decision Support Systems
US25	USA	Development of an Object Oriented Database to Improve Learning in Construction Estimating	Hazar Dib, B. Gokhan Celik	Education and Training in Related Disciplines
US26	USA	A Critical Review of Ethics Issues and Corrupt Practices in the Global Construction Industry	Mumtaz Usmen, Emrah Kazan, Darney Mamman, Kulvir Singh	Construction Ethics
US27	USA	Elevating Construction Equipment Fleet Management To a New Level: An Evaluation of Use of Telematics Technology	Erdogan Sener, Tom Iseley	Cost and Financial Management
US28	USA	Factors to Increase the Practice of Designing for Construction Worker Safety: A First Line-Defense for Construction Hazard Prevention in the 21st Century	Nancy Holland, Jimmie Hinze	Safety Management

Ref. No.	Country	Paper Title	Authors	Conference Track
US29	USA	Whole Building Design Approach for University Facility Managers: A Template Using Building Information Modeling	Joseph Thuston, Anoop Sattineni	Information Technology
US30	USA	Lean Construction Principles, Prerequisites, and Implementation Strategies	Lincoln H. Forbes	Lean Construction
US31	USA	Captured Construction: A Digital Media Library of Building a Construction School	Michael F. Hein, Junshan Liu	Education and Training in Related Disciplines
US32	USA	Information Technology Trends in US Construction Industry and Their Implications for Construction Educators	Anoop Sattineni	Education and Training in Related Disciplines
US33	USA	Construction Delays: An Empirical Study of Alabama Building Construction Industry	Salman Azhar, Tianzi Guo	Project Management
US34	USA	Building Information Modeling (BIM): Study of Best Practices and Return-on-Investment Analysis	Salman Azhar, Sara Richter	Building Information Modeling (BIM) and Virtual Construction
US35	USA	Building Information Modeling (BIM): Benefits, Opportunities and Challenges for Electrical Contractors	Salman Azhar, Seth Cochran	Building Information Modeling (BIM) and Virtual Construction
US36	USA	Dynamic Project Monitoring and Control of Construction Projects Using Bayesian Belief Network	Kamalesh Panthi, Rizwan U. Farooqui, Syed M. Ahmed	Project Management
US37	USA	Contour Crafting: A New Automated Construction Technology and its Benefits to the Environment	Mansour Rahimi, B. Khoshnevis	Innovative Construction Technologies
US38	USA	Assessment of Project Manager Performance Levels in Construction Sector of Pakistan	Rizwan U. Farooqui, Nida Azhar	Project Management
US39	USA	Cost Estimation Systems and Procedures of Contracting Firms in Pakistan	Rizwan U. Farooqui, Farrukh Arif	Cost and Financial Management
US40	USA	Ranking Construction Superintendent Competencies and Attributes Required for Success in Pakistani Construction Industry	Rizwan U. Farooqui, Muhammad Saqib, Syed M. Ahmed	Project Management
US41	USA	Modeling Three-Dimensional Space Requirements for Safe Operation of Heavy Construction Equipment	Farnaz Sadeghpour, Jochen Teizer	Construction Safety
US42	USA	E-bidding in Construction: Current Trends, Potentials and Challenges	Salman Azhar, Jim Teel Jr.	Information Technology