

STREQ4

Structural Engineering and Earthquake Engineering Session 4; 18 October 2012 10:00-11:30 Hall: Kemal Kurdaş		
Session Chair : Trevor Haas		
Abstract Number	Title	Authors
1028	Assessment of Seismic Behavior and Dynamic Characteristics of R/C Frames Enhanced with Mesh Reinforced Infill Walls under Consecutive Earthquake Loadings	Pourang Ezzatfar, Güney Özcebe, Barış Binici, Erdem Canbay, Özgür Kurç
750	Effects of Fiber Orientation on the Flexible Behavior of Reinforced UHPC Girders	Changbin Joh, Jungwoo Lee, In Hwan Yang, Byung Suk Kim
934	Reliability Estimation Using Vibration-Based Identified Structural Parameters	Ekin Özer, Serdar Soyöz
694	Assessment of Seismic Soil-Foundation-Structure Interaction Analysis Procedures for Long-Span Bridges using Recorded Strong Motion Data	Anoosh Shamsabadi, Steve Mitchell, Pat Hipley, Jinxing Zha, Roshanak Omrani, S. Farid Ghahari, Fariba Abazarsa, Ertuğrul Taciroğlu
1328	Tensile Behavior of Chemical Anchors Embedded to Low Strength Concrete	Muhammet Ali Özen, Salih Yılmaz
1345	Inelastic Modeling of Reinforced Concrete Beam-to-Column Connections	Burcu Burak, Mehmet Ünal

STREQ5

Structural Engineering and Earthquake Engineering Session 5; 18 October 2012 12:00-13:30 Hall: Kemal Kurdaş		
Session Chair : Ertuğrul Taciroğlu		
Abstract Number	Title	Authors
1355	Cyclic Characterization of Locked and Standard Brick Infilled Reinforced Concrete Frames under Quasi-Static Loading Conditions: Experimental Work	İbrahim Serkan Mısır, Özgür Özçelik, Sadık Can Girgin, Murat Arda Uğurlu, Serap Kahraman, Türkay Baran
794	Decreasing Hydrodynamic Pressures on Arch Dams Using Air Curtain	Mohsen Lamea, Hasan Mirzabozorg, Hamid Sehat
799	Application of Timoshenko Beam Theory in Interaction of Non-Prismatic Dam, Reservoir and Elastic Foundation	Mahmoud Abdollahi, Amirhossein Bagheri, Reza Attarnejad
1075	Two and Three Dimensional Nonlinear Dynamic Analysis of an RCC Dam	Alper Aldemir, Barış Binici, Yalın Arıcı, Uğur Akpınar
1351	Determination of Parameters Affecting the Linear Seismic Evaluation of Gravity Dams	Arash Monazzam, Hamed Enayati, Mohsen Ghaemian
132	A Smeared Crack Model for Dynamic Analysis of Gravity Dam-Reservoir-Foundation Coupled System	Mahdi Kolbadi, Hasan Mirzabozorg, Mohammad Amin Hariri-Ardebili, Masood Heshmati

STREQ6

Structural Engineering and Earthquake Engineering Session 6; 18 October 2012 15:30-17:00 Hall: Kemal Kurdaş		
Session Chair : Özgür Avşar		
Abstract Number	Title	Authors
1429	Determining Rotational Joint Stiffness Using Finite Element Analysis	Heindrich L. Albertyn, Trevor N. Haas
484	A Finite Element Study on the Effective Width of Flanged Sections	Sertaç Küçükarslan, Mehmet Utku
976	Approximate Buckling Solutions for Rectangular Plates under Intermediate and End Uniaxial Loads	Magdy Israel Salama
563	Solution of Structural Mechanics Problems Using Iterative Methods	Sami And Kilic
610	An Extensible Parallel Finite Element Analysis Environment: Panthalassa	Tunç Bahçecioğlu, Utku Albostan, Özgür Kurç

STREQ7

Structural Engineering and Earthquake Engineering Session 7; 18 October 2012 17:30-19:00 Hall: Kemal Kurdaş		
Session Chair : Sami And Kılıç		
Abstract Number	Title	Authors
1071	Pseudo-Dynamic Testing and Numerical Simulations of Reinforced Concrete Frames	Mehmet Başar Mutlu, Mehmet Engin Ayatar, Pourang Ezzatfar, Barış Binici, Özgür Kurç, Erdem Canbay, Haluk Sucuoğlu, Güney Özcebe
1051	Investigation of Safety of Connection Region in Hinge Jointed Precast Buildings	Mehmet Palanci, Şevket Murat Şenel, Ali Kalkan, Yasin Yılmaz
895	Structural Analyses of Reinforced Concrete Continuous Beams According to Fires	Oğuz Burnaz, Ahmet Durmuş
656	Determination of Plastic Energy Consumption Using Strains in RC Sections	Onur Merter, Özgür Bozdağ, Mustafa Düzgün
999	Performance of Flat Plates Strengthened with Partially Bonded Fiber Laminates	Hakan Erdoğan, Şevket Özden, Hilal Meydanlı Atalay, Erkan Akpınar
1228	Near Surface Mounted CFRP bars for Retrofitting RC Beams	H. Murat Tanarslan

STREQ14

Structural Engineering and Earthquake Engineering Session 14; 18 October 2012 12:00-13:30 Hall: G		
Session Chair : Ramazan Özçelik		
Abstract Number	Title	Authors
149	Use of Steel Plate Shear Walls for Seismic Retrofit of a Steel Building	Cüneyt Vatanserver, Cavidan Yorgun, Noyan Özel
385	Role of Energy Dissipation and Deformation of Elements in Seismic Analysis of Steel Moment Frames	Kourosh Mahdizadeh, Sima Abedi, Ali Akbar Alishahi
392	Effect of Using EGS on the Seismic Behavior of Knee Braced System	Mussa Mahmoudi, Amin Havarani
494	Using Push Test to Investigate the Applicability of Newly Suggested TR Perfobond Connector	Suhaib Yahya Kasim Al-Darzi, Inas Mahmood A. Al-Juboory
1358	An Investigation on the Behavior of Column-Tree Steel Joints in Fire	Mehdi Mohammadzadeh Akhlaghi, Seyed Mehdi Zahrai, Mehdi Ghassemieh
580	Behavior of Steel Frames to Impact Damage with the Progressive Removal of Two Internal and External Columns	Ali Hadidi, Sajad Mahmoudi, Kamran Rahmati-Shadbad

STREQ15

Structural Engineering and Earthquake Engineering Session 15; 18 October 2012 17:30-19:00 Hall: F		
Session Chair : Cem Topkaya		
Abstract Number	Title	Authors
564	Effects of Structure-to-soil Mass Ratio on Elastic and Inelastic Earthquake Response Spectra Considering SSI	Oğuz Can Öğüt, Abdullah Necmettin Gündüz
754	Comparing the Efficiency of Intensity Measures for Estimating the Response of Seismic-Isolated Bridges	Özgür Avşar, Gökhan Özdemir
1132	Re-examination of a Spectral Ground Motion Intensity Measure Based on Predicted Period Elongation	Koray Kadaş, Ahmet Yakut
1253	Stochastic Ground Motion Simulations for Istanbul, Turkey	Esra Zengin, Eser Çaktı
1165	Modern Aseismic Isolation Based on Friction and Superelasticity	Peyman Narjabadifam, Hossein Ghaffarzadeh

MAT4

Engineering Materials Session 4; 18 October, 2012			10:00-11:30	Hall D
Session Chair : Özge Andiç Çakır				
Abstract Number	Title	Authors		
162	Compressive Strength of Blended Cements Obtained by Replacement with Asphalt and Tyre	Cemil Özyazgan, Özlem Çelik-Sola, Barış Sayın		
221	Evaluation of Micro Silica Effect on Lightweight Concrete Compressive Strength	Mojtaba Majlesi, Reza Khodadadi, Amir Masoud Haghghi, Misagh Eslami		
239	Influence of the Parameters of Formulation on the Mechanical Strengths of Cementing Materials with Admixtures and Superplasticizers	Abdelaziz Boudchicha, Mustapha Cheikh-Zouaoui, Jean Louis Gallias		
286	Silica fume and super plasticizer effect on producing high strength concrete	Abdelaziz Benmarce, Hocine Boudjahem, Robila Bendjaiche, Imene Saadi, Mohamed Bouaoud		
870	Hydration Development of High Performance Cement Pastes	Bekir Yılmaz Pekmezci, Erman Yiğit Tuncel		
162	Compressive Strength of Blended Cements Obtained by Replacement with Asphalt and Tyre	Cemil Özyazgan, Özlem Çelik-Sola, Barış Sayın		

MAT5

Engineering Materials Session 5; 18 October, 2012			12:00-13:30	Hall D
Session Chair : Mehmet Ali Taşdemir				
Abstract Number	Title	Authors		
1091	Effect of high temperatures on mortar's strengths	Abdelhalim Benouis, Farouk Bechiri		
1227	Studying Effect of Different Parameters on Slag Cement Mortar Compressive Strength using Taguchi Method	Ali Akbar Ramezaniyanpour, Ali Kazemian, Elham Radaei, Mohammad Abdolhosseini Moghadam, Sasan Tavakkol		
76	Irreducible Representation of Elastic Compliance Tensor for Engineering Materials	Çiğdem Dinçkal		
1090	Finite Element Analysis of Differential Shrinkage-Induced Cracking in Centrifugally Cast Concrete Poles	Tuğrul Tanfener, Serdar Göktepe, İsmail Özgür Yaman		
1434	Use of a High-Calcium Fly Ash on the Production of Calcium Sulfoaluminate Cements	Serkan Türk, Tuğhan Delibaş, İsmail Özgür Yaman, Mustafa Tokyay		
135	Effects of Considering Kinematic Hardening in Stress Calculations	Abdullah Fettahoğlu, Serkan Bekiroğlu		

MAT6

Engineering Materials Session 6; 18 October, 2012			15:30-17:00	Hall D
Session Chair : Mustafa Tokyay				
Abstract Number	Title	Authors		
307	Effects of Different Environmental Exposures on Self-Healing Capacity of Cementitious Composites	Mustafa Şahmaran, Gürkan Yıldırım, Karwan Ahmed, Hasan Erhan Yücel, Erdoğan Özbay		
344	The Effect of Compressive Strain on Electrical Resistivity of Steel Fiber Reinforced Cement Based Composites	Egemen Teomete		
378	Effect of Silica Fume and Fly Ash on the Strength Development of Boron Active Belite Cement	Hacı Süleyman Gökçe, Osman Şimşek, Özge Andiç-Çakır, Gökhan Kaplan		
682	Investigation Effects of Different Parameters on Compressive Strength and Density of EPS Concrete	Mohammad Reisi, Davood Mostofinejad, Hamed Emadi, Navid Nili		
869	Mechanical Properties of Textile Reinforced Cement Based Composites	Bekir Yılmaz Pekmezci, Reşat Çelik, Avni Can Karadeniz, Burçak Karagüzel-Kayaoğlu		
1450	Activation of a Turkish Blast Furnace Slag Using Alkalis	Sinan T. Erdoğan, Ekin Altan		

MAT7

Engineering Materials Session 7; 18 October, 2012			17:30-19:00	Hall D
Session Chair : Kambiz Ramyar				
Abstract Number	Title	Authors		
882	Properties of Porous Perlite Geopolymers	Mehmet Uğur Toprak, Cenk Karakurt, Abdullah Demir		
940	Crack Evaluation in Concrete by Ultrasonic-Echo Method	Mehmet Efe Selman, Ninel Alver		
1060	Susceptibility of Zeolite to Crushing as One of the Main Components of Landfill Liners	Shahin Shakibaei, Furkan Kartal, Bala Ekinci, Fahri Esenli, Ayşen Lav		
1246	Laboratory Assessment of the Properties of Asphalt Concrete Mixtures Modified with Low-Density Polyethylene	Shams Nowbakht, Mahmoud Ameri, Mohammad Molayem, Alireza Keshavarz-e-Rad, Ahmad Goli		
1250	Isolation of the Drive Unit Based Vibrations in the Taksim Station of the Funicular System	Ömer Güzel, M. Başar Arıoğlu, Cenk Aksoylar		

HYD4

Hydraulic Engineering Session 4; 18 October, 2012			10:00-11:30	Hall B
Session Chair : Melih Yanmaz				
Abstract Number	Title	Authors		
0738	Numerical Simulation of Flood Wave Propagation due to Dambreak	Ismail Haltaş, Gökmen Tayfur, Şebnem Elçi		
1283	Performance and evaluation of harvesting system in residential buildings to reduce urban flooding in developing countries (Case study area: Hamadan, Iran)	Mohammad Hossein Rashidi-Mehrabadi, Bahram Saghafian, Mohammad Sadegh Sadeghian		
0160	Simulation of Reservoir Behaviour Using Generated Inflow and Performance Criteria	Mazouz Kherouf, Rachid Mansouri, Mouloud Mezaache		
0828	Comparison of Hedging Policies in Reservoir Management under Drought Condition	Alireza Borhani Dariane, Farzane Karami		
1031	Development of a Decision Support System for Real Time Reservoir Operation Using Numerical Weather Prediction Data	Aynur Şensoy, Gökçen Uysal, Ömer Yavuz, Ali Arda Şorman, Tolga Gezgin, Türker Akgün		

HYD5

Hydraulic Engineering Session 5; 18 October, 2012			12:00-13:30	Hall B
Session Chair : Nuri Merzi				
Abstract Number	Title	Authors		
0842	Hydraulic Assessment for Commercial Pipe Design by Using Power Form Equation	Gürol Yıldırım		
0843	Stepwise Procedure for Computing Micro-irrigation Lateral Head Losses	Gürol Yıldırım		
0462	Chance Constrained Optimization of Booster Disinfection in Water Distribution Networks	Ezgi Köker, A. Burcu Altan Sakarya		
0337	Pump Scheduling Optimization of Water Distribution Networks Using Genetic Algorithms	Gençer Gençoğlu, Nuri Merzi		
0355	Estimation of Frictional Pressure Losses in Annulus with Pipe Rotation Using Support Vector Machines and Computational Fluid Dynamics	Mehmet Sorgun, Ahmet Murat Özbayoğlu, Mehmet Evren Özbayoğlu		

HYD6

Hydraulic Engineering Session 6; 18 October, 2012			15:30-17:00	Hall B
Session Chair : Zuhale Akyürek				
Abstract Number	Title	Authors		
0769	Determination of Expected Value for Monthly Total Precipitation by Entropy Based Method	Özgür Temiz, Türkey Baran		
0587	Entropy-Based Probability Distribution Estimation for Daily Flows	Aslıhan Albostan, Bihret Önöz		
0775	River Flow Forecasting Using Adaptive Neuro-Fuzzy Inference System and Wavelet	Alireza Borhani Dariane, Shima Azimi		
1231	Trend Analysis of Tigris River Basin Stream Flow Data	Abdullah Muratoğlu, Mehmet İshak Yüce		
0905	Quantifying Vertical Mixing in Stratified Reservoirs	Şebnem Elçi		

HYD7

Hydraulic Engineering Session 7; 18 October, 2012			17:30-19:00	Hall B
Session Chair : İsmail Yücel				
Abstract Number	Title	Authors		
0546	Modeling of Seasonal Snow Water Potential and Daily Discharges in the Upper Euphrates Basin, Turkey	Ali Arda Şorman, Aynur Şensoy, Ersin Gözel, Egemen Yamankurt, Ali Ünal Şorman		
0476	Analysis of Heavy Rainfall Events Using Hydrometeorological System and Remote Sensing	Alper Önen, İsmail Yücel		
0626	Downscaling of Precipitation to Tahtali Watershed in Turkey for Climate Change Scenarios	Umut Okkan, Okan Fıstıkoğlu		
0486	Confidence Limit Estimation of Maximum Value of Drought Parameters Using Stochastic Models: Case Study of Çoruh Basin, Turkey	İbrahim Can, Fatih Tosunoğlu		
0876	Development of Rainfall-Runoff Model Using System Dynamics (SD) Analysis	Alireza Borhani Dariane, Mohammad Mehdi Javadianzadeh		

GEO2

Geotechnical Engineering Session 2; 18 October, 2012			10:00-11:30	Hall A
Session Chair : Kartal Toker				
Abstract Number	Title	Authors		
1282	Monotonic triaxial tests on fiber reinforced sand	Selim Altun, Nurcan Uğur, Devrim Erdoğan, Alper Sezer		
1414	The Effect of Natural Resin Addition on Strength Parameters of Railway Embankment	Mesut Gör, Hüseyin Suha Aksoy		
1257	Mechanical Behaviour of Dune Sand – Bentonite Mixture under Triaxial Conditions	Mohammed Lamara, Med Kamel Gueddouda, Tarek Chiker		
1003	Effect of Lime Used With Sea Water upon the Strength of Low Plasticity Clay	Gamze Bilgen, Ömer Faruk Çapar, Aydın Kavak		
667	Desiccation and Consolidation Properties of Clays Reinforced by Tire-chips	Hossein Soltani Jigheh, Moharram Asadzadeh		
608	Use of granulated blast furnace slag and fly ash in cement-bentonite slurry wall construction	Davood Talefirouz, Erdal Çokça		

GEO3

Geotechnical Engineering Session 3; 18 October, 2012			12:00-13:30	Hall A
Session Chair : Yener Özkan				
Abstract Number	Title	Authors		
71	Evaluation of Soil Liquefaction Potential based on Shear Wave Velocity Method along Tabriz Metro Line 2	Parisa Nasiri, Rouzbeh Dabiri, Mehrnaz Boudagh		
884	23 October 2011 Van-Tabanlı Earthquake (Mw=7.1) Geotechnical Field Observations	Zeynep Gülerce, Kemal Önder Çetin, Mustafa Tolga Yılmaz, Nejan Huvaj, Yeşim Sema Ünsever, Sevinç Ünsal, Selman Sağlam, Abdullah Sandıkkaya, Melih Türkoğlu		
935	Numerical Modeling of the Seismic Geofoam Buffers with Flexible Earth Retaining Walls	Özgür Lütfi Ertuğrul, Aurelian Catalin Trandafir, Mehmet Yener Özkan		
1432	Design of Laminar Shear Box for One Dimensional Shaking Table Tests	Nurhan Ecemiş, İrem Kahraman		
1133	Cyclic Shear Strain Response of Fine-Grained Soils	Habib Tolga Bilge, Kemal Önder Çetin		

GEO4

Geotechnical Engineering Session 4; 18 October, 2012			15:30-17:00	Hall A
Session Chair : Özgür Lütfi Ertuğrul				
Abstract Number	Title	Authors		
619	Behavior of Laterally Loaded Piles on Slopes	Çiğdem Özçelik, Oğuz Aydoğdu, Havvanur Kılıç		
340	Finite difference modeling of slope stabilization with large diameter shafts	Ali Güney Özcebe, Carlo Giovanni Lai, Vincenzo Fioravante, Daniela Giretti, Chiara Prearo		
213	An Analysis of Değirmendere Shore Landslide During 17 August 1999 Kocaeli Earthquake	Oğuzhan Bülbül, M. Yener Özkan		
1362	Landslide susceptibility mapping with analytical hierarchical process and GIS techniques (case study: Zonouz, East Azerbaijan, Iran)	Vahid Nourani, Hamid Ghaffari		
1179	Rainfall Triggered Landslides in Unsaturated Soils: A numerical sensitivity analysis	Mohammad Ahmadi-Adli, Nejan Huvaj, Nabi Kartal Tokar		
Sponsor presentation	Design of bridges on landslide areas	Cenan Ozkaya, Gulden Cetin, Fikret Tulumtas		

GEO5

Geotechnical Engineering Session 5; 18 October, 2012			17:30-19:00	Hall A
Session Chair : Ayhan Gürbüz				
Abstract Number	Title	Authors		
560	Measurement of Lateral Swell Pressure by Thin Wall Oedometer	Timuçin Hergül, Erdal Çokça		
126	Influence of Salt Waters on the Behavior of Collapsible Soils	Rachid Benkadja, Brahim Belouahri, Khadidja Djeblahi		
555	Challenges for Modeling Heave in Unsaturated Expansive Soils under Irrigation Canals	Fariba Behrooz Sarand, Masoud Hajjalilue-Bonab		
491	Prediction of Collapsible Soils by Proctor Tests	Azzeddine Lahmadi, Khelifa Abbeche, Leila Zeghichi, Nassima Bakir		
551	Cement Soil Enhancement to Control the Damaging Effect of Expansive Soils	Waddah Salman Abdullah, Ahmed Salih Sharqi		

TRANS4

Transportation Engineering Session 4; 18 October, 2012			10:00-11:30	Hall C
Session Chair : Fatma Orhan				
Abstract Number	Title	Authors		
174	Optimizing Hot Mix Asphalt Volumetric Properties	Fouad Ahmed Gharaybeh		
926	Modification of Bitumen by Recycled Post-Consumer Low Density Polyethylene with Surface Activated Using Gamma Beam Method	Perviz Ahmedzade, Alexander Fainleib, Olga Grigoryeva, Yalçın Alver, Olga Starostenko, Victor Sakhno, Taylan Günay, Baurzhan Kultayev		
964	Investigation Of Warm Mix Asphalt Mixtures	Mehmet Bayazit, Yüksel Taşdemir		
992	Rheological Properties Of Bituminous Binder Modified With Waste Plastic Polypropylene Liquefied By Pyrolysis Method	Osman Nuri Çelik, Neslihan Atasağun, Mehmet Ali Lorasokkay		
1023	Marshall Stability In Hot Bituminous Mixture Modified By Liquefied Waste Vehicle Tires With Pyrolysis Method	Osman Nuri Çelik, Mehmet Ali Lorasokkay, Neslihan Atasağun		
1262	Artificial Neural Network based model for Superpave Asphalt Mix Design	Hande Isik Ozturk, Muhammed Emin Kutay		

TRANS5

Transportation Engineering Session 5; 18 October, 2012			12:00-13:30	Hall C
Session Chair : Murat Güler				
Abstract Number	Title	Authors		
234	Cold-In-Place Recycling (CIPR): A new implemented technique for Pavement Rehabilitation in Libya	Mukhtar Elseddig Abukhettala, Mohamed Shaheen Zubi		
351	The Utilization of Recycled Asphalt Pavement with Warm Mix Asphalt	Jülide Oylumluoğlu, Burak Şengöz, Ali Topal		
968	Investigation of The Electrical Conductivity of Asphalt Concrete Containing Carbon Black	Tacettin Geckil, Perviz Ahmedzade, Taner Alatas		
1217	Evaluating Temperature Sensitivity of Glasphalt Mixtures Using Non Destructive Test	Mahyar Arabani, Neda Kamboozia		
1325	The Investigation of The Producibility of Light Asphalt Concrete Using Expanded Clay Aggregate	Sercan Serin, Nihat Morova, Serdal Terzi, Mehmet Saltan		
1426	Performance Assessment of Thin Asphalt Overlays on Concrete Pavements using Seismic Non-Destructive Testing	Mehmet Sait Cülfik, Yetkin Yıldırım		

TRANS6

Transportation Engineering Session 6; 18 October, 2012			15:30-17:00	Hall C
Session Chair : Serkan Tapkın				
Abstract Number	Title	Authors		
73	Investigation of the subway slab tracks under different loading conditions. Case study: Isfahan Subway	Alireza Gharighoran, Amin Rafizadeh, Amir Hamidi		
92	Numerical Analysis of Ballast Layer Thickness For Different Axle Loads And Passing Speeds	Mohammadworya Khordehbinan, Pouya Rakhshani		
345	An Approach Practically to Risk Assessment of Railway Undertaking in Turkey	Emre Özcan, Zübeyde Öztürk		
380	Regional Calibration of the Rutting Models in MEPDG – Idaho Case Study	Sherif El Badawy, Fouad Bayomy, Mike Santi		
712	PMS-GIS Model for Preservation and Maintenance of Road Pavement	Nasser Pourmoallem, Alireza Mashhadizadeh, Amir Hamidi		
1259	Seismic Behavior of Railway Superstructure	Mohammad Khayyam, Elias Behmagham		

CM4

Construction Engineering and Management Session 4; 18 October, 2012			10:00-11:30	Hall F
Session Chair : Tahir Çelik				
Abstract Number	Title	Authors		
140	Marketing Activity Selection Based on Fuzzy-AHP	Gül Polat, Befrin Neval Bingöl		
145	Factors Considered by Turkish Contractors in Mark-Up Size Decision for International Projects	Gül Polat, Kadir Genç, Befrin Neval Bingöl		
1021	Representation of Topological Building Information for Creating Shortest Evacuation Paths during Building Emergencies	Gürşans Güven, Murat Ayhan, Esin Ergen, Tuna Sönmez, Özgür Kurç, Murat Altuğ Erberik, Mustafa Talat Birgönül		
991	An Integrated Optimization Model Towards Energy Efficiency For Existing Buildings - A Case Study For Bogazici University Kilyos Campus	Emre M Çamlıbel, Emre N Otay		
676	Success Factors for the Implementation of Knowledge Management Models in the Construction Industry	Fahriye Hilal Halıcioğlu, David Arditi, Suat Günhan		

CM5

Construction Engineering and Management Session 5; 18 October, 2012			12:00-13:30	Hall F
Session Chair : David Arditi				
Abstract Number	Title	Authors		
1149	Sustainable Key Performance Indicators for the Construction Industry	Zeynep Işık, Hande Aladağ, Durmuş Akkaya		
114	The Using of ELECTRE Method For Selection of Supplier in Construction Industry	Osman Murat Kaya, Osman Aytekin, Hakan Kuşan		
382	Arbitration of Strengthening of Public Structures by Benefit- Cost Analyses	Önder Halis Bettemir		
434	Risk Assessment and Allocation for Joint Venture Construction Projects in Iran: A Case Study of Qom Monorail Project	Parisa Shekari-Namin, Gholamreza Heravi		
1141	A Survey of the Current Marketing Concept Employed By Turkish Construction Firms	Ercan Erdiş, Hilmi Coşkun, Mustafa Demirci, Gülgün Mıstıkoğlu, İ. Halil Gerek		
315	Multiobjective Construction Site Layout Planning Using GA (Genetic Algorithm)	Seied Mohammad Langari, Yaghoub Gholipour		

CM6

Construction Engineering and Management Session 6; 18 October, 2012			15:30-17:00	Hall F
Session Chair : Makarand Hastak				
Abstract Number	Title	Authors		
139	Resource Management in Linear Schedules: An Overview	Atilla Damcı, Gül Polat		
663	Obtaining Optimal Activity Durations of a Construction Project from the Cash Flows Using Genetic Algorithm	Osman Hürol Türkakın, Murat Anbarcı, Ekrem Manisalı		
118	Effect of Correlation between Activity Durations on Scheduling and Contingency Time Estimation in Construction Projects	Önder Ökmen, Ahmet Öztaş		
809	Resource Leveling of a Highway Project Using Branch and Bound Algorithm	Resulali Emre Örgüt, İrem Şengül, Gül Polat		

COAST2

Coastal and Harbor Engineering Session 2; 18 October, 2012			10:00-11:30	Hall G
Session Chair : Can Elmar Balas				
Abstract Number	Title	Authors		
1140	Ship-based Risks in the Port Construction Projects	Cemil Yurtören, Serdar Kum, Tanzer Satır, Y. Volkan Aydoğdu, Nil Güler		
616	Where Wave-Induced Pore Pressure Is Effective on Geotechnical Stability of Berm Breakwaters	Saeedeh Sadat Moosavifar, Ali Fakher		
248	Wavelet Neural Network and Wavenet Performance Evaluation in Hydrodynamic Force Prediction due to Waves on Vertical Cylinders	Afshin Pourtaghi, Masoud Abitorabi, Mehrdad Azadi		
32	Verification of a Turbulence Model for Rough Oscillatory Boundary Layers	Ahmad Sana, Mahad Baawain		
309	Harbour Preparation against the Earthquake	Razieh Mehrzad, Sina Dadsetan, Ahmad Mehzrad		

GEOMAT1

Geomatics Engineering Session 1; 18 October, 2012			10:00-11:30	Hall H
Session Chair : Mahmut Onur Karslıođlu				
Abstract Number	Title	Authors		
961	Airborne laser scanning data for automatic 3D model reconstruction of buildings walls	Yashar Fallah-Vazirabad, Mahmut Onur Karslıođlu		
973	Flood Risk Mapping for Pazarsuyu Creek, Giresun, Turkey, Using a Two-Dimensional Inertial Based Flood Inundation Model	Çađla Melisa Kaya, Dapeng Yu, Ođuz Gungör		
974	Spatial Analysis for Optimum Routing of Power Transmission Lines using GIS	Yiđit Dedemen, Mahmut Onur Karslıođlu		

POSTER PRESENTATIONS

Poster Presentations will be on display in all three days. The authors will present their paper on October 18, 2012 between 13:30: - 14:30.

STREQ POSTER

Structural Engineering and Earthquake Engineering Poster Session		
Abstract Number	Title	Authors
228	The Influence of Strong-Motion Duration on Inelastic Structural Response	Mohsen Gerami, Kimia Mortezaei, Mohammad Kazem Rezaei, Mahsa Joshan
824	Behavior of steel columns subjected to fire	Nadia Benmehidi, Jean Marc Franssen, Mohamed Guenfoud
1046	Analytical study on converting intermediate links to short links by implementing supplemental stiffeners in steel EBFs with links next to the column	Saman Zarsav, Asghar Vatani Oskouei
1243	Evaluation of Condition States of Bridge Elements Based on the Intensity of Different Damage Types	Faraz Masoumi, Ferhat Akgül
1281	Seismic Evaluation of Multi-Storey Moment-Resisting Steel Frames with Mass Irregularities Using Standard and Advanced Pushover Methods	Gabriel Tarta, George Mihail Barsan
1302	An Improved Equivalent Frame Method for the Analysis of Two-way Slab Systems Subjected to Gravity and Lateral Loads	Elias Abdoli Oskoui, Iraj Mahmoudzadeh Kani

MAT POSTER

Engineering Materials Poster Session		
Abstract Number	Title	Authors
245	Impact of Marble Powder on the Durability of High Performance Concrete	Rabah Chaid, Frank Rendell, Raoul Jauberthie, Abderrahim Bali
322	The Study of Sheet-pile Corrosion and its Maintenance	Razieh Mehrzad, Sina Dadsetan, Ahmad Mehrzad
406	Mechanical Properties of Concrete Containing High Volumes of Recycled Concrete Aggregate and Waste Glass	Mahmoud Nili, Mehdi Hoseinian, Siavash Ahmadi, Nader Biglarijoo
409	A Review on the Use of Various Kinds of Debris and Demolitions in Concrete and Mortar Mixes	Mahmoud Nili, Nader Biglarijoo, Seyed Ahmad Mirbagheri
533	Pathology of Fibre Concretes after Fire	Mohammed Ezziane, Raoul Jauberthie, Tahar Kadri, Laurent Molez
627	Substitution of the Natural Aggregates by Aggregates of Marble in Hydraulic Concretes	Mouloud Belachia, Houria Hebhoub
705	Effect of Steam Curing on the Properties of Slag-Cement Concrete in Seawater Environment	Riad Derabla, Mohamed Lanbi Benmalek, Fathollah Sajedi
734	Effect of Different Nanoclay on the Rheological Behavior of Bitumen	Saeed Ghaffarpour-Jahromi, Henglong Zhang
789	A Study on the Skin Plate Characteristics of the Slip-Form System and Frictional Resistance of Concrete between Concrete and Slipform Panel for the Construction of Concrete Pylon of Long Span Cable Bridge	Won Jong Chin, Young Jin Kim, Hee Seok Kim, Hyejin Yoon
834	Formulation of Self Compacting Concrete: Optimization of the Granular Skeleton by the Graphic Method of Dreux-Gorisse	Fatiha Boumaza Zeraoulia, Mourad Behim
1335	Valorization of Granulated Slag for the Manufacture of High Furnace Cements	Ghania Nigri, Yacine Cherait, Chiraz Kechkar
1359	Influence of the type of cement and the W/C ratio on the kinetic of adjuvanted concretes carbonation	Fatima Zohra Dakhmouche, Hocine Chabil, Xavier Brunetaud, Muzahim Al-Mukhtar

HYD POSTER

Hydraulic Engineering Poster Session		
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0205	Numerical Analysis of Geometry Effects on Aeration in Bottom Outlets	Fatemeh Ghazali, Seyyed Ali Akbar Salehi-Neysabouri, Mohammad Reza Kavianpour
0963	Modeling of Potable Water Distribution Systems	Ayşenur Uslu, Gülfem Bakan
1290	3D-Numerical Simulation of Pool and Weir Fishways	Shadi Aknooni, Hamid Shamloo

GEO POSTER

Geotechnical Engineering Poster Session		
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398	Modification of Granular Soils by Using Red Mud-cement Mixture	Ekrem Kalkan
1332	Laboratory Hydraulic Conductivity Measurement of Sealing Barriers Materials using Triaxial Cell	Chahira Sayad-Gaidi, Laouni Gaidi, Saidi Taibi
1342	Retained solute mass measurement by clay during infiltration test	Laouni Gaidi, İbrahim Alimi Ichola, Chahira Sayad-Gaidi

TRANS POSTER

Transportation Engineering Poster Session		
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46	A Meta-Heuristic Approach to Optimal Coordinated Design of Variable Speed Limits and Ramp Metering	Shahriyar Afandizade, Hajar Hajmohamadi, Navid Kalantary
209	Offering an Index for Line Qualitative Evaluation in Maintenance Management System of Subway lines	Pouya Rakhshani, Mohammad Worya Khordehbinan
784	Investigation of Impacts of Longitudinal Slope Effects On Metro Projects and Operating Cost	Zübeyde Öztürk, Yunus Emre Ayözen
918	The comparison of fatigue performance in stone mastic asphalt mix reinforced with cellulose fiber, glass fiber and carbon fiber	Arsalan Mehrara

GEOMAT POSTER

Geomatics Engineering Poster Session		
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571	A Risk Analysis of Landslide by Localized Heavy Rain Based on the Spatial Analysis	Byeong Woo Kim, In Joon Kang, Sang Cheol Song, Sung Woo Moon
574	Insolation Modeling using Geo-Spatial Elements of Photovoltaic Facility	In Joon Kang, Myung Chan Son, Jin Young Kim, Hui Cheon Yun