

TRANS1

Transportation Engineering Session 1; 17 October, 2012			12:00-13:30	Hall H
Session Chair : Leyla Ünal				
Abstract Number	Title	Authors		
960	Improving the performance of urban public transport systems: case study of Denizli, Turkey	Görkem Gülhan, Cenk Ozan, Hüseyin Ceylan, Özgür Başkan, Yetiş Şazi Murat, Soner Haldenbilen, Halim Ceylan		
998	Determination of the Traffic Assignment Principle for the Road Freight Transportation in Turkey	Murat Özen, Hediye Tüydeş-Yaman		
1106	Application of PSO Algorithm for OD Matrix Estimation in Large Scale Networks	Mehrdad Gholami Shahbandi, Abbas Babazadeh		
1272	Air Passenger Demand Forecasting for Planned Airports, Case Study: Ordu-Giresun Airport	Soner Osman Acar, Rıza Onur Yazıcı, Meriç Gökdalay		

TRANS2

Transportation Engineering Session 2; 17 October, 2012			15:30-17:00	Hall G
Session Chair : Dilruba Özmen-Ertekin				
Abstract Number	Title	Authors		
185	Effect of Dwell Times On Performance Of Signalized Intersections	Kiarash Ghasemlou, Metin Mutlu Aydın, Serhan Tanyel, Ali Topal, Süheyla Pelin Çalışkanelli		
598	Investigating the Effects of Variable Speed Limits on Freeway Traffic Flow Performance	Ali Sercan Kesten, Murat Ergün, Tetsuo Yai		
1451	Modeling Multi-Class Traffic Flows using Hydrodynamic Model	Hediye Tüydeş-Yaman, Kağan Tuncay		

TRANS3

Transportation Engineering Session 3; 17 October, 2012			17:30-19:00	Hall G
Session Chair : Cumhuri Aydin				
Abstract Number	Title	Authors		
112	Safety Analysis of Unconventional U-Turn Using Neural Network and Crash Prediction Model	Leila Azizi, Abdolreza Sheikholeslami, Fatemeh Bagheri Khalili		
296	Assessing Sustainable Campus Transportation Policies Using Simulation	Oruc Altintasi, Hediye Tuydes Yaman		
791	The Role of Young Drivers (University Students) in Traffic Accidents	Yalcin Alver, Pelin Onelcin, Doruk Akgul, Tolga Tortumluoglu		
792	Bikeway Usage Survey for Campus of Ege University and a Bikeway Project for the Campus	Damla Korkmaz, Tugce Sana, Pelin Onelcin, Yalcin Alver		
977	Investigation Of The Effect Of Micro Roughness On Traffic Safety At Urban Intersections	Meltem Saplioglu, Emel Yuzer, Ekinhan Eriskin		
1430	Sustainability Analysis of Metropolitan Transport Networks Under Unexpected Traffic Demands	Iradj Ouveysi, Majid Sarvi		

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		

TRANS7

Transportation Engineering Session 7; 19 October, 2012			10:00-11:30	Hall C
Session Chair : Hediye Tüydeş-Yaman				
Abstract Number	Title	Authors		
371	A Gradient Projection-Based Linearization Algorithm for Traffic Assignment Problem	Babak Javani, Abbas Babazadeh		
726	Location Of Optimum Fire Station	Nasser Pourmoallem, Mohammad Kamrani, Amin Mohammadi		
932	Artificial bee colony algorithm for continuous network design problem with link capacity expansions	Özgür Başkan, Mauro Dell'Orco		
953	A Reinforcement Learning Based Algorithm for Area Traffic Control	Cenk Ozan, Özgür Başkan, Halim Ceylan, Soner Haldenbilen		

TRANS POSTER

Transportation Engineering Poster Session				
Abstract Number	Title	Authors		
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		