

Kemal Selçuk ÖĞÜT

ADVANCEMENT

- * Assoc. Prof. Ph.D. 2007 - Istanbul Technical University (I.T.U)
Civil Engineering Faculty Transportation Department.
- * Assist. Prof. Ph.D. 2005-2007 Istanbul Technical University (I.T.U)
Civil Engineering Faculty Transportation Department.
- * Ph.D. Res. Assist. 2000-2005 Istanbul Technical University (I.T.U)
Civil Engineering Faculty Transportation Department.
- * Research Assist. 1995-2000 Istanbul Technical University (I.T.U)
Civil Engineering Faculty Transportation Department.

EDUCATION

- * I.T.U. Civil Engineering Faculty Transportation Department (2000) (Ph.D.)
(Thesis Subject : *Car Ownership Modeling in Turkey*)
- * I.T.U. Civil Engineering Faculty Transportation Department (1995) (M.Sc.)
(Thesis Subject : *Urban Transportation Systems*)
- * I.T.U. Civil Engineering Faculty Civil Engineering Department (1992)

INTERNATIONAL Experiences

- * Researcher, Virginia Tech Transportation Institute, Blacksburg, USA (2011)
- * Researcher, San Diego State University, San Diego, USA (2006)
- * Researcher, San Diego State University, San Diego, USA (2003)
- * Researcher, ITS, Institute for Transportation Studies, Leeds, England (1999)

AWARDS

- Turkish Road Association Publication Award, 2000.

PUBLICATIONS

JOURNAL PAPERS

1. TEZCAN, H.O., ÖĞÜT, K.S., and ÇİDİMAL, B., **2011**, "A Multinomial Logit Car Use Model For A Megacity Of The Developing World: Istanbul", *Transportation Planning and Technology*, Vol. 34, No:8 pp:759-776.
2. LAKSHMI, K., ÖĞÜT, K.S., and BANKS J.H., **2007**, "Evaluation of N-Curve Methodology for Analysis of Complex Bottlenecks", *Transportation Research Record, TRB*, No:1999, pp:54-61
3. ÖĞÜT, K.S., **2006**, "Modeling Car Ownership in Turkey Using Fuzzy Regression", *Transportation Planning and Technology*, Vol. 29, No:3 pp:233-248
4. ÖĞÜT, K.S., and BANKS J.H., **2005**, "Stability of Freeway Bottleneck Flow Phenomena", *Transportation Research Record, TRB*, No:1934 pp:108-115
5. ÖĞÜT, K.S., **2005**, "New Approaches for Earth Distribution Method", *ASCE Journal of Transportation, Journal of Transportation Engineering*, ASCE, Vol. 131, No. 4, pp: 294-301.
6. ÖĞÜT, K.S., **2005**, "Theoretical Traffic Loads and Classification of Turkish Railway Network according to the Track Maintenance", *ARI, The Bulletin of the Istanbul Technical University*, Vol. 54, No: 3, pp: 90-95.

7. ÖĞÜT, K.S., 2004, "S-Curve Models To Determine The Car Ownership In Turkey", ARI, The Bulletin of the Istanbul Technical University, Vol. 54, No:2, pp:65-69.
8. ÖĞÜT, K.S., 2004, "An Alternative Regression Model of Speed-Occupancy Relation At The Congested Flow Level", ARI, The Bulletin of the Istanbul Technical University, Vol. 54, No:2, pp:70-76.

INTERNATIONAL CONFERENCE PAPERS

1. AKYAZICI, M. and ÖĞÜT, K.S., 2009, "Bus rapid transportation", International İzmir Transport Symposium, İzmir, Turkey pp. 636-643. In_TR.
2. ÖĞÜT, K.S., 2009, "Critical points for installation of traffic signs", International İzmir Transport Symposium, İzmir, Turkey pp. 550-558. In_TR.
3. AYDIN, G.T., and ÖĞÜT, K.S., 2008, "What is logistic town?", 2nd International Railway Symposium, İstanbul, Turkey, Vol. 2, pp 1439-1448. In_TR.
4. AYDIN, G.T. and ÖĞÜT, K.S., 2008, "Logistic towns in Europe and Turkey", 2nd International Railway Symposium, İstanbul, Turkey, Vol. 2. pp 1471-1481. In_TR.
5. ÖĞÜT, K.S., and EVREN, G., 2006, "The need of urban railway systems in Turkey and critical subjects for their planning" International Railway Symposium, Ankara-İstanbul, 1. Vol., pp. 1169-1979. In_TR
6. EVREN, G., and ÖĞÜT, K.S., 2006, "Development strategies for Turkish railway" International Railway Symposium, Ankara-İstanbul, Vol. 1, pp. 1180-1190. In_TR
7. EVREN, G., and ÖĞÜT, K.S., 2006, "Combined transport and Ro-La", International Railway Symposium, Ankara-İstanbul, Vol. 1, pp. 1191-1999. In_TR
8. ÖĞÜT, K.S., and ERGÜN, M., 2006, "Modelling Bosphorus Bridge Crossing with Spectral Analysis", ACE 2006, Seventh International Congress in Civil Engineering, İstanbul, pp.407.
9. ÖĞÜT, K.S., and KUTLUHAN, S., 2004, "The Selection of Urban Pavement Type According to the Cardinal Approach", On Safe Roads in the XXI. Century, Budapest, pp:57-58.
10. ÖĞÜT, K.S., 2004, "Toll Plazas at Bosphorus Bridge", ACE 2004, Sixth International Congress in Civil Engineering ,İstanbul, pp.1759-1768.
11. ÖĞÜT K.S., and İYİNAM, F., 1998, "Modelling of Traffic Accidents in Turkey", 2nd International Transportation Symposium, İstanbul, pp:441-449. In_TR.

NATIONAL CONFERENCE PAPERS

1. ÖĞÜT, K.S., and TANIŞ, M., 2008, "Pedestrian zones", Environmental and Development Problems of Bodrum Peninsula, TMMOB, Bodrum, pp.497-508. In_TR.
2. TANIŞ, M., and ÖĞÜT, K.S., 2008, "Paratransit in small cities", Environmental and Development Problems of Bodrum Peninsula, TMMOB, Bodrum, pp.509-5520. In_TR.
3. TANIŞ, M., and ÖĞÜT, K.S., 2007, "Technical and Economical Analysis of Urban Public Transportation System for Middle Populated Cities", 5th Urban Infrastructure National Symposium, Hatay, pp. 132-146 . In_TR.
4. ÖĞÜT, K.S., 2001, "Modeling of car ownership in Turkey", 5th Transportation Congress, İstanbul, pp.141-150. In_TR.
5. ÖĞÜT, K.S., and GEDİZLİOĞLU, E., 1999, "Urban railway systems in Turkey", Urban Railway Transportation Symposium, Eskişehir, pp: 73-84. In_TR.

6. ÖĞÜT, K.S., 1999, "Modal split of urban public transportation", Urban Railway Transportation Symposium, Eskişehir, pp: 23-28. In_TR.
7. ÖĞÜT, K.S., 1999, "The effects of multi-purposed shopping centre on transportation", City Management, Human & Environment Problems Symposium, İstanbul, pp: 190-195. In_TR
8. ÖĞÜT, K.S., 1998, "Modeling of traffic flows with spectral analysis", 4th Transportation Congress, Denizli, pp:147-156. In_TR.
9. ÖĞÜT, K.S. and EVREN, G., 1998, "Developments at urban railway systems in Turkey", 4th Transportation Congress, Denizli, pp.309-320. In_TR.
10. ÖĞÜT, K.S., and EVREN, G., 1997, "Our railways according to transportation policies ", 2nd National Railway Congress, İstanbul, pp:19-30. In_TR.
11. ÖĞÜT, K.S. and EVREN, G., 1997, "Evaluation of recent developments at urban railway systems", Traffic-Transportation Congress, Ankara, pp:86-92. In_TR.

BOOK

- EVREN, G. and ÖĞÜT, K.S., 2000, *Earthwork and Railway Problems*, Birsen Press, İstanbul, Turkey. In_TR.

TEACHING COURSES

- * Earthwork and Railway Engineering
- * Highway Engineering
- * Traffic Engineering
- * Public Transportation

SOME PARTICIPATED PROJECTS

- Emniyetevler t-park Multi-Level Parking Lot Analysis(*Head of project*), 2010.
- Al Waha Complex (Tripoli) Traffic Impact Study (*Head of project*), 2009.
- Traffic Safety in Construction Zones, 2007.
- Analysis of Bandırma-Balıkesir-İzmir Railway Line, 2007.
- Esentai Complex (Almaty) Traffic Impact Study (*Head of project*), 2005.
- Turkey Transportation Master Plan, 2004-2005.
- Isik University Campus Road Project, 2002.
- Derince Container Harbor Junction Study, 2000.
- Ataköy Olympic House and Sport Complex Transportation and Traffic Study, 1998.
- Feasibility Renewal Of Seven Railway Tracks, 1997.
- Ataturk and Kurtköy Airport Feasibility Study, 1996.
- İstanbul Transportation Master Plan, 1995-1996.



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