

# Prof. HEDİYE TÜYDEŞ YAMAN

## Personal Information

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## International Researcher IDs

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Publons / Web Of Science ResearcherID: AAT-3697-2020

ScopusID: 54912104500

Yoksis Researcher ID: 164687

## Education Information

Doctorate, Northwestern University, Civil Engineering, United States Of America 1999 - 2005

Postgraduate, Northwestern University, Civil Engineering, United States Of America 1997 - 1998

Postgraduate, Middle East Technical University, Faculty of Engineering, Department of Engineering Sciences, Turkey 1994 - 1997

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey 1990 - 1994

## Foreign Languages

English, C1 Advanced

## Dissertations

Doctorate, Network Traffic Management under Disaster Conditions., Northwestern University, Civil Engineering, 2005

Postgraduate, Airport Access Mode Choice Modeling, Northwestern University, Civil Engineering, 1998

Postgraduate, Boundary element formulation for dynamic analysis of a two-phase composite with applications to solid-solid interaction problems., Middle East Technical University, Faculty of Engineering, Department of Engineering Sciences, 1997

## Research Areas

Social Sciences and Humanities, Civil Engineering, Transportation Engineering, Airport Construction, Highways, Transportation Engineering, Railways Engineering (railroads, metro, etc.), Traffic Engineering, Engineering and Technology

## Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2020 - Continues

Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2007 - Continues  
Associate Professor, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2015 - 2016  
Lecturer, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2005 - 2007  
Research Assistant, Northwestern University, McCormick School Of Engineering, Civil Engineering, 2002 - 2004  
Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 1994 - 1997

## Advising Theses

TÜYDEŞ YAMAN H., Investigating public transit daily travel behavior using smart card data: A case study of Konya, Postgraduate, M.AL(Student), 2022  
TÜYDEŞ YAMAN H., A comparison of roadside design approaches in terms of road safety to improve Turkish roadside safety standards, Postgraduate, Y.BETUS(Student), 2022  
TÜYDEŞ YAMAN H., Evaluating rail passengers sector in Turkey, Doctorate, Ü.EKİCİ(Student), 2022  
TÜYDEŞ YAMAN H., Deriving public transit (PT) reliability measures using smart card data: 2 case study PT lines from Konya city, Postgraduate, F.Sarıyüz(Student), 2020  
Tüyeş Yaman H., Evaluation of rail freight transportation in Turkey prior to deregulation, Doctorate, A.CEBECİ(Student), 2020  
Öztürk H. I., Tüyeş Yaman H., Parking Management in Smart Built Environment: Evaluation of METU Campus, Postgraduate, V.GENEL(Student), 2020  
TÜYDEŞ YAMAN H., Road safety evaluation of urban major arterials case study of 1071 Malazgirt Noulevard in Ankara, Postgraduate, M.Demirel(Student), 2019  
TÜYDEŞ YAMAN H., Effect of different pricing schemes on roadside parking characteristics: case of Necatibey Ave, Ankara, Postgraduate, O.Fuat(Student), 2019  
TÜYDEŞ YAMAN H., CHARACTERISTICS OF CLOVERLEAF INTERCHANGE IN TURKEY, Postgraduate, E.GÖZDE(Student), 2018  
TÜYDEŞ YAMAN H., Evaluation of approach leg capacities at a signalized urban roundabout, Postgraduate, E.CEM(Student), 2018  
TUNCAY K., TÜYDEŞ YAMAN H., DETECTING QUEUE LENGTH ON URBAN ARTERIALS USING FLOATING CAR DATA (FCD), Doctorate, O.ALTINTAŞI(Student), 2018  
TÜYDEŞ YAMAN H., Evaluation of factors affecting mode choice of highspeed railway (HSR) users in Turkey, Postgraduate, G.Dalkıç(Student), 2017  
TÜYDEŞ YAMAN H., Evaluation of factors affecting mode choice of high-speed railway (HST) users in Turkey, Postgraduate, G.DALKIÇ(Student), 2017  
TÜYDEŞ YAMAN H., Road freight transportation on Turkish tollways, Postgraduate, A.MARDAN(Student), 2015  
TÜYDEŞ YAMAN H., Determination of pedestrian level of service for walkways: METU campus example, Postgraduate, P.KARATAŞ(Student), 2015  
TÜYDEŞ YAMAN H., Use of bluetooth technology for traffic analyses in urban road networks, Postgraduate, Ş.Yücel(Student), 2015  
TÜYDEŞ YAMAN H., Modeling truck traffic in Turkey, Postgraduate, M.FAYYAZ(Student), 2015  
TÜYDEŞ YAMAN H., Estimation of traffic impact at signalized intersections around the proposed health campus in Etilik, Ankara, Postgraduate, A.ASGHAR(Student), 2015  
TÜYDEŞ YAMAN H., Use of bluetooth technology for traffic analysis in urban road networks, Postgraduate, Ş.YÜCEL(Student), 2015  
TÜYDEŞ YAMAN H., Identification of traffic accident hot spots and their characteristics in urban area by using GIS, Postgraduate, E.KUNDAKCI(Student), 2014  
TÜYDEŞ YAMAN H., BABALIK E., High speed rail development in Turkey: Government policy, investments and users perspective, Postgraduate, G.DALKIÇ(Student), 2014

TÜYDEŞ YAMAN H., BABALIK E., Assessment and simulation of car access control policies in city center: The case of Tunali Hilmi Street in Ankara, Postgraduate, M.DOĞAN(Student), 2014

TÜYDEŞ YAMAN H., Assessment of scenarios for sustainable transportation at METU Campus, Postgraduate, O.Altıntaşı(Student), 2013

TÜYDEŞ YAMAN H., Estimation of road freight transportation emissions in Turkey, Doctorate, M.ÖZEN(Student), 2013

TÜYDEŞ YAMAN H., Evaluation of pedestrian safety around bus stops using geographic information systems, Postgraduate, İ.YÜKSEKOL(Student), 2012

TÜYDEŞ YAMAN H., Analysis of comprehension of traffic signs: A pilot study in Ankara, Turkey, Postgraduate, E.KIRMIZIOĞLU(Student), 2010

TÜYDEŞ YAMAN H., An approach to investigate relationship between speed and safety on urban arterials, Postgraduate, Z.ARDİÇ(Student), 2008

TÜYDEŞ YAMAN H., An integrated incident detection methodology with GPS-equipped vehicles, Postgraduate, S.DEMİROLUK(Student), 2007

### **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **Increasing the precision of public transit user activity location detection from smart card data analysis via spatial-temporal DBSCAN**  
Ozer F. C., TÜYDEŞ YAMAN H., DALKIÇ MELEK G.  
Data and Knowledge Engineering, vol.153, 2024 (SCI-Expanded)
- II. **Barriers and opportunities (B&O) for developing low carbon transportation (LCT) policies in Turkey**  
TÜYDEŞ YAMAN H., Dalkic-Melek G., Chakarova K., Ozcelik A. S.  
Journal of Transport Geography, vol.118, 2024 (SSCI)
- III. **Testing the Forecasting Power of Statistical Models for Intercity Rail Passenger Flows in Turkey**  
Ekici Ü., TÜYDEŞ YAMAN H., Şendil N.  
Transportation Research Record, 2024 (SCI-Expanded)
- IV. **Electric Vehicle (EV) Market Penetration in Countries with Rising Motorization Rates**  
DALKIÇ MELEK G., Saltik E. C., TÜYDEŞ YAMAN H.  
International Journal of Civil Engineering, 2024 (SCI-Expanded)
- V. **Tabu-Search-Based Combinatorial Subset Selection Approach to Support Investigation of Built Environment and Traffic Safety Relationship**  
Alisan O., TÜYDEŞ YAMAN H., Ozguven E. E.  
TRANSPORTATION RESEARCH RECORD, vol.2677, no.2, pp.588-609, 2023 (SCI-Expanded)
- VI. **Spatial Distribution of the Rail Freight Demand in Turkey Prior to Railway Reform**  
Cebeci A., TÜYDEŞ YAMAN H., Islam D. M. Z.  
Research in Transportation Business and Management, vol.44, 2022 (SSCI)
- VII. **Challenges and Benefits of the Use of AASHTOWare for 3 Climatic Regions in Turkey**  
İPEKYÜZ B., TÜYDEŞ YAMAN H., ÖZTÜRK H. I.  
TEKNİK DERGI, vol.33, no.5, pp.12473-12499, 2022 (SCI-Expanded)
- VIII. **A METHOD TO ESTIMATE TRAFFIC PENETRATION RATES OF COMMERCIAL FLOATING CAR DATA USING SPEED INFORMATION**  
Altıntasi O., TÜYDEŞ YAMAN H., TUNCA Y. K.  
Transport, vol.37, no.3, pp.161-176, 2022 (SCI-Expanded)
- IX. **Vertical alignment optimisation in highway design by means of mesh adaptive direct search**  
Ozkan E., TÜYDEŞ YAMAN H., ACAR S. O.  
Proceedings of the Institution of Civil Engineers: Transport, vol.176, no.6, pp.373-384, 2021 (SCI-Expanded)
- X. **ASSESSING THE LINK BETWEEN RAIL TRANSIT USAGE AND MULTIMODAL INTEGRATION**  
Özgür-Cevher Ö., Altıntaşı O., Tüydş Yaman H., Babalık E.  
Canadian Journal Of Civil Engineering, vol.000, no.0, 2020 (SCI-Expanded)

- XI. **Evaluating the Relation Between Station Area Design Parameters and Transit Usage for Urban Rail Systems in Ankara, Turkey**  
Ozgur-Cevher O., Altintasi O., TÜYDEŞ YAMAN H.  
INTERNATIONAL JOURNAL OF CIVIL ENGINEERING, vol.18, no.8, pp.951-966, 2020 (SCI-Expanded)
- XII. **GIS-based evaluation of the speed limit increase on urban arterial traffic safety in Ankara**  
Kibar F. T., TÜYDEŞ YAMAN H.  
ARABIAN JOURNAL OF GEOSCIENCES, vol.13, no.12, 2020 (SCI-Expanded)
- XIII. **Factors Affecting the Capacity Utilization of Road Freight Transport in Turkey**  
ÖZEN M., Fayyav M., TÜYDEŞ YAMAN H.  
TEKNIK DERGI, vol.31, no.2, pp.9813-9832, 2020 (SCI-Expanded)
- XIV. **Quality of floating car data (FCD) as a surrogate measure for urban arterial speed**  
Altintasi O., Tüydeş Yaman H., Tuncay K.  
CANADIAN JOURNAL OF CIVIL ENGINEERING, vol.46, pp.1187-1198, 2019 (SCI-Expanded)
- XV. **Evaluation of the pricing preferences and value of time for high speed rail (HSR) users in Turkey**  
Tüydeş Yaman H., Dalkıç G.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.34, pp.255-273, 2019 (SCI-Expanded)
- XVI. **Variability in Sidewalk Pedestrian Level of Service Measures and Rating**  
KARATAŞ SEVİNEN P., TÜYDEŞ YAMAN H.  
JOURNAL OF URBAN PLANNING AND DEVELOPMENT, vol.144, no.4, 2018 (SCI-Expanded)
- XVII. **COMPETITIVENESS OF HSR IN TURKEY: CURRENT HSR CORRIDORS AND ESTIMATIONS FOR FUTURE ONES**  
DALKIÇ G., TÜYDEŞ YAMAN H.  
INTERNATIONAL JOURNAL OF TRANSPORT ECONOMICS, vol.45, no.4, pp.659-693, 2018 (SSCI)
- XVIII. **Developing performance measures to evaluate impact of cross-county collaboration for populations with access and functional needs**  
ALİŞAN O., TÜYDEŞ YAMAN H., Kocatepe A., Ozguven E. E.  
INTERNATIONAL JOURNAL OF DISASTER RISK REDUCTION, vol.31, pp.873-885, 2018 (SCI-Expanded)
- XIX. **Evaluation of Walkability and Pedestrian Level of Service**  
TÜYDEŞ YAMAN H., Karatas P.  
INTELLIGENT TRANSPORTATION AND PLANNING: BREAKTHROUGHS IN RESEARCH AND PRACTICE, pp.264-291, 2018 (SCI-Expanded)
- XX. **An assessment of the CO2 emissions reduction in high speed rail lines: Two case studies from Turkey**  
DALKIÇ G., BALABAN O., TUYDES-YAMAN H., CELIKKOL-KOCAK T.  
JOURNAL OF CLEANER PRODUCTION, vol.165, pp.746-761, 2017 (SCI-Expanded)
- XXI. **Evaluation of Walkability and Pedestrian Level of Service**  
TÜYDEŞ YAMAN H., Karatas P.  
ENGINEERING TOOLS AND SOLUTIONS FOR SUSTAINABLE TRANSPORTATION PLANNING, pp.30-57, 2017 (SCI-Expanded)
- XXII. **Benefits of Managing the Capacity of Special Needs Shelters with Cross-County Collaboration Case Study in Florida**  
ALİŞAN O., Kocatepe A., Tuydes-Yaman H., Ozguven E. E., Ozel H.  
TRANSPORTATION RESEARCH RECORD, no.2604, pp.131-143, 2017 (SCI-Expanded)
- XXIII. **BEST OPTION FOR REDUCING ON-CAMPUS PRIVATE CAR-BASED CO2 EMISSIONS: REDUCING VKT OR CONGESTION?**  
ALTINTAŞI O., TÜYDEŞ YAMAN H.  
METU JOURNAL OF THE FACULTY OF ARCHITECTURE, vol.33, no.1, pp.87-105, 2016 (AHCI)
- XXIV. **Better estimation of origin-destination matrix using automated intersection movement count data**  
TÜYDEŞ YAMAN H., ALTINTAŞI O., Sendil N.  
CANADIAN JOURNAL OF CIVIL ENGINEERING, vol.42, no.7, pp.490-502, 2015 (SCI-Expanded)

- XXV. **Modeling demand management strategies for evacuations**  
TÜYDEŞ YAMAN H., Ziliaskopoulos A.  
ANNALS OF OPERATIONS RESEARCH, vol.217, no.1, pp.491-512, 2014 (SCI-Expanded)
- XXVI. **Evaluation of emission cost of inefficiency in road freight transportation in Turkey**  
Ozen M., TÜYDEŞ YAMAN H.  
ENERGY POLICY, vol.62, pp.625-636, 2013 (SCI-Expanded)
- XXVII. **Comprehensibility of traffic signs among urban drivers in Turkey**  
Kirmiziloglu E., TÜYDEŞ YAMAN H.  
ACCIDENT ANALYSIS AND PREVENTION, vol.45, pp.131-141, 2012 (SSCI)
- XXVIII. **Tabu-based heuristic approach for optimization of network evacuation contraflow**  
Tuydes H., Ziliaskopoulos A.  
NETWORK MODELING 2006, no.1964, pp.157-168, 2006 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Early Responses of Intercity Travelers to The Threat of COVID-19: The Case of Turkey**  
Unal L., TÜYDEŞ YAMAN H., Ozdek N., Sandiraz C.  
Gazi University Journal of Science, vol.36, no.2, pp.529-553, 2023 (ESCI)
- II. **Towards a New Walking Evaluation Approach: Power of Surveys and Routebased Evaluations in GIS Environment**  
Tüydeş Yaman H., Karataş Sevinen P., Dalkıç Melek G., Oncu Z. P.  
Kocaeli Journal of Science and Engineering, vol.5, no.2, pp.212-226, 2022 (Peer-Reviewed Journal)
- III. **Utilization of RFID data to evaluate characteristics of private car commuters in Middle East Technical University campus**  
ALTINTAŞI O., TÜYDEŞ YAMAN H.  
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.22, no.3, pp.171-177, 2016 (ESCI)
- IV. **Türkiye de Beton Yol Potansiyeli Göstergeleri**  
TÜYDEŞ YAMAN H., ÖZEN M.  
Çimento ve Beton Dünyası, vol.108, pp.74-91, 2014 (Peer-Reviewed Journal)
- V. **Matematiksel Programlama Kullanarak Katkılı Çimento Bileşenlerinin Oranlarının Tahmini**  
ŞENDİL M. N., TÜYDEŞ YAMAN H.  
Çimento ve Beton Dünyası, vol.96, pp.74-86, 2014 (Peer-Reviewed Journal)
- VI. **Türkiye de Şehirlerarası Yük Trafiği CO2 Emisyonlarının Tahmini**  
ÖZEN M., TÜYDEŞ YAMAN H.  
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.17, no.3, pp.56-64, 2013 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Monitoring Urban Traffic from Floating Car Data (FCD): Using Speed or a Los-Based State Measure**  
ALTINTAŞI O., TÜYDEŞ YAMAN H., TUNCAY K.  
in: Directions of Development of Transport Networks and Traffic Engineering, Macioszek E., Sierpiński G., Editor, Springer, Cham, pp.163-173, 2019
- II. **Evaluation of Walkability and Pedestrian Level of Service**  
TÜYDEŞ YAMAN H., KARATAŞ SEVİNEN P.  
in: Engineering Tools and Solutions for Sustainable Transportation Planning, Knoflach Hermann, Ocalir-Akunal Ebru V., Editor, IGI Global, Hershey, PA, pp.30-57, 2017
- III. **Evacuations in Traffic Management Challenges in Terrorist Attacks**

Tüydeş Yaman H.

in: Transportation Security Against Terrorism, Mete Tahmisoğlu, Çınar Özen, Editor, IOS Press, Amsterdam, pp.162-184, 2009

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **Tracing Back the Energy Use in Transportation Systems and Modes: An Energy-Balance Methodology for Turkey**  
TÜYDEŞ YAMAN H., DALKIÇ MELEK G., Saltik E. C., Sarica K.  
15th International Congress on Advances in Civil Engineering, ACE 2023, Famagusta, Cyprus (Gkry), 6 - 08 September 2023, vol.481, pp.424-433
- II. **Evaluation of Vulnerability and Resilience on Road Transportation Networks under Natural Hazards: A Review Analysis**  
TÜRE KİBAR F., BETUS Y., TÜYDEŞ YAMAN H.  
IES'23 International Engineering Symposium | Engineering Applications in Industry, İzmir, Turkey, 15 - 17 November 2023
- III. **The impact of Covid-19 pandemic on public transit use: Case study of Konya city**  
TÜYDEŞ YAMAN H., KAYA B., Karagumus E., DALKIÇ MELEK G., Cottrill C. D.  
3rd International Conference on Transport Infrastructure and Systems, TIS ROMA 2022, Rome, Italy, 15 - 16 September 2022, vol.69, pp.480-487
- IV. **Boarding Stop Assignment for Public Bus Trips Using Smart Card Data: Comparison of Two Algorithms**  
TÜYDEŞ YAMAN H., KOÇAK B., Karagumus E., DALKIÇ MELEK G.  
3rd International Conference on Transport Infrastructure and Systems, TIS ROMA 2022, Rome, Italy, 15 - 16 September 2022, vol.69, pp.472-479
- V. **SPEED-RELATED TRAFFIC ACCIDENT ANALYSIS USING GIS-BASED DBSCAN AND NNH CLUSTERING**  
Topcuoglu B., MEMİŞOĞLU BAYKAL T., TÜYDEŞ YAMAN H.  
2022 Free and Open Source Software for Geospatial, FOSS4G 2022, Florence, Italy, 22 - 28 August 2022, vol.48, pp.487-494
- VI. **On Strategies Improving Accuracy of Speed Prediction from Floating Car Data (FCD)**  
Tüydeş Yaman H., Kocamaz K., Tuncay K., Çınar B.  
<https://ace2020.org/en/>, İstanbul, Turkey, 6 - 08 September 2021, vol.1, pp.1425-1432
- VII. **Ghg Emission Mitigation Potential Of Turkey'S Transportation Sector Using A Bottom-Up Energy Model**  
Sarica K., Tüydeş Yaman H., Tetik Kollugil E., Dalkıç Melek G., Kesten A. S.  
40. Yoneylem Arastrmas Endustri Muhendisligi Kongresi, 5 - 07 July 2021, pp.39
- VIII. **Value of Time Evaluation of High Speed Railway Users in Turkey**  
DALKIÇ MELEK G., TÜYDEŞ YAMAN H.  
European Transport Conference 2020, Milan, Italy, 9 October - 11 September 2020
- IX. **Evaluation of Potential Impact of Logistics Centers on Rail Freight Sector in Turkey**  
Cebeci A., DALKIÇ MELEK G., TÜYDEŞ YAMAN H.  
European Transport Conference 2020, Milan, Italy, 9 - 11 September 2020
- X. **Importance of Spatiotemporal Evaluation of Public Transportation Metrics**  
Tüydeş Yaman H., Dalkıç Melek G., Karagumus E., Cottrill C. D.  
European Transport Conference 2020, Milan, Italy, 9 - 11 September 2020
- XI. **LESSONS LEARNT FROM AN ASSESSMENT OF PUBLIC TRANSIT DATA: CASE STUDY OF KONYA, TURKEY**  
Afshar A. A. K., nalçakar z., kurhan m., TÜYDEŞ YAMAN H.  
EUROPEAN TRANSPORT CONFERENCE, 9 - 11 September 2020
- XII. **Challenges of Safe Urban Speed Management in Developing Countries**

- TÜRE KİBAR F., TÜYDEŞ YAMAN H.  
ICEARC'19-International Civil Engineering and Architecture Conference 2019, 17 - 20 April 2019
- XIII. **Traffic Event Related Blog Post Classification by Using Traffic Related Named Entities**  
Dundar Unsal A., Tüydes-Yaman H., KARAGÖZ P.  
2018 IEEE International Smart Cities Conference, ISC2 2018, Missouri, United States Of America, 16 - 19 September 2018
- XIV. **EVALUATING QUALITY AND PENETRATION RATE RELATION FOR COMMERCIALY AVAILABLE FLOATING CAR DATA (FCD)**  
ALTINTAŞI O., TÜYDEŞ YAMAN H., TUNCAY K.  
TRB 2019 Annual Meeting, Washington, Kiribati, 13 - 17 January 2019
- XV. **From Smart Sustainable Cities to Smart Buildings: a Top to Bottom Approach**  
Parlak A. S., Atasoy G., Öztürk H. I., Akçamete Güngör A., Dikmen Toker İ., Tüydeş Yaman H.  
5th international Project and Construction Management Conference (IPCMC2018), Girne, Cyprus (Kkct), 16 - 18 November 2018
- XVI. **Investigation of Traffic Safety Effects of Speed Limit Increases in Main Arterials**  
TÜRE KİBAR F., TÜYDEŞ YAMAN H.  
13th Advances in Civil Engineering Congress, İzmir, Turkey, 12 - 14 September 2018
- XVII. **Impact of Raised Pedestrian Crosswalk Design on Vehicle Travel: Case Study at METU**  
Kazemi Afshar A. I. A., TÜRE KİBAR F., TÜYDEŞ YAMAN H.  
13th Advances in Civil Engineering Congress, İzmir, Turkey, 12 - 14 September 2018
- XVIII. **Event Related Blog Post Classification by Using Traffic Related Named Entities**  
Ahmet Dünder Ü., Tüydeş Yaman H., Karagöz P.  
Int. Smart Cities Conf (ISC2), Kentucky, United States Of America, 16 - 19 September 2018
- XIX. **Perception of parking pricing and willingness-to-pay (WTP): A preliminary evaluation among METU campus users**  
İPEKYÜZ B., GENEL V., ÖZTÜRK O. F., ÖZ B., ÖZTÜRK H. I., TÜYDEŞ YAMAN H.  
13th International Congress on Advances in Civil Engineering, 12 - 14 September 2018
- XX. **Perception of Parking Pricing and Willingness-to-Pay (WTP): A Preliminary Evaluation among METU Campus Users**  
İpekyuz B., GENEL V., ÖZTÜRK O. F., ÖZ B., ÖZTÜRK H. I., TÜYDEŞ YAMAN H.  
13th Advances in Civil Engineering Congress, İzmir, Turkey, 12 - 14 September 2018
- XXI. **Commute Modal Preferences of Middle East Technical University (METU) Students**  
DALKIÇ G., KARATAŞ SEVİNEN P., TÜYDEŞ YAMAN H.  
13th INTERNATIONAL CONGRESS ON ADVANCES IN CIVIL ENGINEERING, İzmir, Turkey, 12 - 14 September 2018
- XXII. **AN EVALUATION INDEX FOR MONITORING INTELLIGENT TRANSPORTATION SYSTEMS (ITS) DEVELOPMENT**  
DÜNDAR S., EVREN G., HÜNER E. E., KARATAŞ SEVİNEN P., TÜYDEŞ YAMAN H., İPEKYÜZ B.  
ACE2018 - 13th INTERNATIONAL CONGRESS ON ADVANCES IN CIVIL ENGINEERING, 12 - 14 September 2018
- XXIII. **Distribution of Time Headways on Approach Legs of an Urban Signalized Roundabout: A Case Study in Konya**  
Saltık E. C., TÜYDEŞ YAMAN H.  
13th International Congress on Advances in Civil Engineering, 12 - 14 September 2018
- XXIV. **Traffic Flow Characteristics of an Urban Arterial Based on Different Traffic Flow Models**  
ALTINTAŞI O., TÜYDEŞ YAMAN H., TUNCAY K.  
13th International Congress on Advances in Civil Engineering, İzmir, Turkey, 12 - 14 September 2018
- XXV. **A First Evaluation of the Relationship between High Speed Rail (HSR) and tourism sector in Turkey: The Cases of Two Turkish Cities**  
DALKIÇ G., TÜYDEŞ YAMAN H., DELAPLACE M.  
International Congress on High Speed Rail: Technologies and Long Term Impacts, Ciudad-Real, Spain, 4 - 06 October 2017, pp.409-433
- XXVI. **Planning for a Successful Development of Intelligent Transportation Systems (ITS) in Turkey**

DÜNDAR S., TÜYDEŞ YAMAN H., İPEKYÜZ B., KARATAŞ SEVİNEN P., HÜNER E. E., EVREN G.

1ST INTERNATIONAL CONFERENCE ON INTELLIGENT TRANSPORTATION SYSTEMS-BANU-ITSC'18, 20 April 2018

- XXVII. **Barriers to Walking Among College Students**  
TÜYDEŞ YAMAN H., ÖZ B., KARATAŞ SEVİNEN P., DALKIÇ G.  
Transportation Research Board 97th Annual Meeting, 7 - 11 January 2018
- XXVIII. **PERFORMANCE AND COST OF CROSS-COUNTY COLLABORATION IN SPECIAL NEEDS SHELTER (SpNS) PLANNING**  
ALİŞAN O., TÜYDEŞ YAMAN H., KOCATEPE A., ÖZGÜVEN E. E.  
Transportation Research Board's 97th Annual Meeting, Washington, Kiribati, 07 January 2018
- XXIX. **A first evaluation of the relationship between High Speed Rail (HSR) and the tourism sector in Turkey: The cases of two Turkish cities**  
DALKIÇ G., TÜYDEŞ YAMAN H., DELAPLACE M.  
International Congress on High Speed Rail, Ciudad-Real, Spain, 4 - 06 October 2017
- XXX. **An assessment of the CO2 emissions reduction in high speed rail lines:Two case studies from Turkey**  
DALKIÇ G., BALABAN O., TÜYDEŞ YAMAN H., Celikkol-Kocak T.  
International Congress on High Speed Rail, Ciudad-Real, Spain, 4 - 06 October 2017
- XXXI. **An Assessment of the CO2 emissions reduction in high speed rail lines: Two case studies from Turkey**  
Dalgıç G., Balaban O., Tüydeş Yaman H., Çelikkol Koçak T.  
International Congress On High Speed Rail Technologies and long term impacts, Madrid, Spain, 4 - 06 October 2017
- XXXII. **High-Speed Rail (HSR) Users and Travel Characteristics in Turkey**  
Celikkol-Kocak T., DALKIÇ G., TÜYDEŞ YAMAN H.  
10th International Scientific Conference on Transportation Science and Technology (TRANSBALTICA), Vilnius, Lithuania, 4 - 05 May 2017, vol.187, pp.212-221
- XXXIII. **Benefits of Managing Special Needs Shelters (SpNS) Capacities with Utilizing Cross-County Collaboration: A Case Study Application in Florida**  
ALİŞAN O., KOCATEPE A., TÜYDEŞ YAMAN H., ÖZGÜVEN E. E., ÖZEL H.  
Transportation Research Board 96th Annual Meeting, 8 - 12 January 2017
- XXXIV. **Evaluation of Walkability Among METU Students via Traditional Survey Versus Route-Based Data**  
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