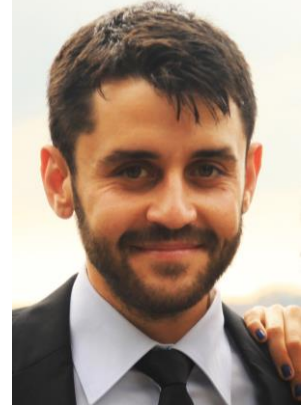


## PERSONAL INFORMATION

Name : **GÖKER AKSOY**  
Date of Birth : 09 May 1986  
Place of Birth : Gazipaşa, Antalya / TURKEY  
Work Address : ISIK UNIVERSITY,  
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## ACADEMIC QUALIFICATIONS

- **Ph.D.** on Civil Engineering specialized in Traffic Engineering, Istanbul Technical University, Istanbul, December, 2018. Thesis title: “*Modelling the Effect of Rain on Free Flow Speed and Capacity Under Urban Uninterrupted Traffic Flow Conditions*” (in Turkish). Thesis supervisor: Prof. Dr. Kemal Selçuk ÖĞÜT.
- **M.Sc.** on Civil Engineering specialized in Traffic Engineering, Istanbul Technical University, Istanbul, June 2012. Thesis title: “*Explicit Analysis on Link Travel Times Within Measuring and Modelling Issues*” (in Turkish). Thesis supervisor: Assoc. Prof. Dr. Hilmi Berk ÇELİKOĞLU.
- **B.Sc.** on Civil Engineering, Karadeniz Technical University, Trabzon, 2010.
- **B.Sc.** on Geodesy and Photogrammetry Engineering, Karadeniz Technical University, Trabzon, 2010.

## PRESENT EMPLOYMENT and ACADEMIC WORK

- Research and Teaching Assistant at Department of Civil Engineering, Istanbul Technical University (December 2010-September 2018).
- Visiting Researcher at RWTH Aachen University / Germany for 6 Months (October 2017-April 2018).
- Assist. Prof. Dr. at Department of Civil Engineering, ISIK University since May 2019.

## CURRENT RESEARCH INTERESTS

Traffic Engineering; Transportation Systems; Microscopic and Macroscopic Modelling; Traffic Flow Theory; Traffic Congestion, Traffic Management.

## SCIENTIFIC MERITS

### International conference papers

1. **Aksoy, G.** & Çelikoğlu, H. B., (2012). Modelling and distribution of link travel times: an analysis on Istanbul freeways. *Procedia - Social and Behavioral Sciences*, Vol. 54, pp. 117-128.
2. **Aksoy, G.**, Deniz, O. & Çelikoğlu, H.B., (2012). Reliability of freeway travel times: an analysis with link performance function. The 5<sup>th</sup> International Symposium on Transportation Network Reliability, 18-19 December 2012, Hong Kong.
3. **Aksoy, G.**, Çelikoğlu, H.B., & Gedizlioğlu, E., (2013). Analysis of toll queues by micro-simulation: results from a case study in Istanbul. *Procedia - Social and Behavioural Sciences*, Vol. 111, pp. 614-623.
4. Deniz, O., **Aksoy, G.**, Çelikoğlu, H.B., (2013). Analysing Freeway Travel Times within a Case Study: Reliability of Route Traversal Times. 16<sup>th</sup> International IEEE Conference on Intelligent Transportation Systems, 6-10 October, The Hague - The Netherlands.
5. **Aksoy, G.** & Öğüt, K. S. (2014). Analysis of Congestion Phenomena on the One Lane Dropped Motorway Merge without Ramp-Metering in Istanbul. *Transportation Research Procedia*, Vol. 3, pp. 925-931.

6. Aksoy, G. & Ögüt, K. S. (2015). Effects of Adverse Weather Conditions on Istanbul Motorways. Proceedings of the 18<sup>th</sup> European Working Group on Transportation (EWGT 2015), 14-16 July, Delft/ The Netherlands.
7. Tezcan, H. O., Aksoy, G., El-Morssy M. M. M. & Tanriverdi, S. C. (2016). Dear Driver, Could You Enter the Bus Bay Properly? Transportation Research Board 95<sup>th</sup> Annual Meeting, January 10-14 2016, Washington, D.C.
8. Aksoy, G. & Ögüt, K. S. (2017). The Change of Upstream and On-Ramp Flows at Capacity Level on Istanbul Freeway Merges without Ramp-metering. Transportation Research Board 96<sup>th</sup> Annual Meeting, January 8-12 2017, Washington, D.C.

#### **National conference papers**

1. Aksoy, G. & Gedizlioğlu, E. (2014). Geometric Design of Fast Toll Payment Areas: FSM Example (In Turkish). First Intelligent Transportation Systems Congress and Exhibition of Highways. 26-28 May 2014, Istanbul/Turkey.
2. Aksoy, G., Tanriverdi S. C., Tezcan H. O. & Ögüt, K. S. (2015). Examining the Proper Use of Bus Bays at Istanbul (in Turkish). Chamber of Civil Engineering, Transportation Congress 27-29 May 2015, Istanbul/Turkey.
3. Aksoy, G. & Ögüt, K. S. (2019). Analyzing the Effect of Rain on Free Flow Speed and Capacity at Istanbul Urban Motorways (in Turkish). Chamber of Civil Engineering, Transportation Congress 10-12 October 2019, Erzurum/Turkey.

#### **Journal Papers**

1. Tezcan, H. O., Aksoy, G., El-Morssy M. M. M. & Tanriverdi, S. C. (2016). Dear Driver, Could You Enter the Bus Bay Properly? Transportation Research Record: Journal of the Transportation Research Board, No. 2541, Transportation Research Board, Washington, D.C., 2016, pp. 18–26. DOI: 10.3141/2541
2. Aksoy, G. & Ögüt, K. S. (2018). Discharge Flow Change Under Rainy Conditions on Urban Motorways. Promet-Traffic & Transportation, 30(6), pp. 733-744. DOI: <https://doi.org/10.7307/ptt.v30i6.2940>
3. Tezcan, H. O., Aksoy, G. & El-Morssy M. M. M. (2019). Pedestrian Crossing Behavior at Midblock Crosswalks. Journal of Safety Research. <https://dx.doi.org/10.1016/j.jsr.2019.09.014>

#### **Other Journal Papers**

1. Alpkökin, P, Topuz Kiremitci, S. & Aksoy, G. (2011). A Critical Review of the Istanbul Strait Transportation Policies. Applied Mechanics and Materials, Vols 97-98, pp. 1003-1006.

#### **Active participation in national and international conferences**

- **Participation to international and national conferences with**
  - The 15<sup>th</sup> Euro Working Group on Transportation Meeting (EWGT 2012) September 10-13, 2012, Paris/France.
  - The 16<sup>th</sup> Euro Working Group on Transportation Meeting (EWGT 2013) September 4-6, 2013, Porto/Portugal.
  - The 17<sup>th</sup> Euro Working Group on Transportation Meeting (EWGT 2014) July 2-4, 2014, Seville/Spain.
  - The 18<sup>th</sup> Euro Working Group on Transportation Meeting (EWGT 2015) July 14-16, 2015, Delft/The Netherlands.
  - Chamber of Civil Engineering, Transportation Congress 2015, Istanbul/Turkey.
  - Chamber of Civil Engineering, Transportation Congress 2019, Erzurum/Turkey.
- **Academy memberships etc.**
  - Member of the Chamber of Civil Engineers (<http://www.imo.org.tr/>).

#### **PEDAGOGICAL MERITS**

- **Teaching experience on undergraduate level**
  - INS 342E Highway Engineering. Compulsory course with 6 ECTS credits.
  - INS 342 Highway Engineering (in Turkish). Compulsory course with 6 ECTS credits.
  - INS 351E Earthwork and Railway Engineering. Compulsory course with 6 ECTS credits.
  - INS 351 Earthwork and Railway Engineering (in Turkish). Compulsory course with 6 ECTS credits.
  - CE 232T Surveying (in Turkish). Compulsory course with 4 ECTS credits.
  - CE 102T Statics (in Turkish). Compulsory course with 6 ECTS credits.
  - CE 471 Traffic Engineering. Elective course with 6 ECTS credits.
  - CE 471T Traffic Engineering (in Turkish). Elective course with 6 ECTS credits.

- CE 388 Urban Transportation Planning. Elective course with 6 ECTS credits.
- CE 388T Urban Transportation Planning (in Turkish). Elective course with 6 ECTS credits.
- **Teaching experience on graduate level**
  - ULS 515 Introduction to Traffic Engineering (in Turkish). Elective course with 6 ECTS credits.
  - ULS 520 Traffic Management (in Turkish). Elective course with 6 ECTS credits.
  - ULS 504E Transportation Models. Elective course with 6 ECTS credits.
  - CE581 Transportation System Analysis. Elective course with 6 ECTS credits.

#### **OTHER SKILLS**

- Efficient use software, i.e., AutoCAD, PTV Vissim, PTV Visum, SIDRA Intersection, AutoTURN and ArcGIS.
- 10 years of Microscopic/Macroscopic traffic simulation and ArcGIS experience. Good knowledge on ArcGIS/Visum databases and interactions between them.

#### **SCHOLARSHIP**

- 2214A - Scientific and Technological Research Council of Turkey (TÜBİTAK) International Doctoral Research Fellowship for 6 Months.