

DILRUBA OZMEN-ERTEKIN, Ph.D., PE

Civil Engineer (Transportation)

E-MAIL: dspcs@ymail.com

EDUCATION

- **Ph.D.** Civil Engineering (Transportation) - Rutgers University, NJ – Jan 2003
Dissertation Title: “*Impact of Transportation Investments on Economic Development*” (Advisor: Prof. Kaan Ozbay)
- **M.S.** Civil Engineering (Transportation) - METU, Ankara, Turkey – Nov 1998
Thesis Title: “*Development of a Quality Assurance System for Highways in Turkey*” (Advisors: Prof. Ayhan İnal, Prof. Talat Birgönül)
- **B.S.** Civil Engineering - Middle East Technical University, Ankara, Turkey – 1995
Placed in top 0.1% among **1 million students** in the National University Entrance Exam

WORK EXPERIENCE

- *Adjunct Professor*, Stevens Institute of Technology, Civil, Environmental and Ocean Engineering Department, Hoboken, NJ, Spring 2016
- *Adjunct Professor*, Saint Peter’s University, Mathematics Department, Jersey City, NJ, Spring 2016
- *Research Scientist*, New York University, Civil and Urban Engineering Department, Brooklyn, NY, Feb-Dec 2014
- *Assistant Professor*, Middle East Technical University, Civil Engineering Department, Ankara, Turkey, Sep 2012-Aug 2013
- *Assistant Professor*, Hofstra University, Engineering Department, Hempstead, NY, Sep 2006-Aug 2012 (maternity leaves in Fall 2008, 2009, 2010, 2011 semesters)
- *Senior Transportation Engineer*, Urbitran Associates, Inc. (now AECOM), Newark, NJ, Jan 2005-Aug 2006
- *Research Associate*, Civil and Environmental Engineering Department, Rutgers University, Piscataway, NJ, Jan-Dec 2004
- *Visiting Scholar*, Civil and Environmental Engineering Department, Rutgers University, Piscataway, NJ, Jan-Dec 2003
- *Graduate Research Assistant*, Civil and Environmental Engineering Department, Rutgers University, Piscataway, NJ, Sep 1999 – Dec 2002
- *Consultant*, Worked for several different companies in Turkey, 1998- Aug 1999
- *Traffic Safety Expert*, Carried out accident investigation analysis and prepared reports for Justice Department in Turkey, Sep 1996- Aug 1999
- *Graduate Research Assistant*, Civil Engineering Department, Middle East Technical University, Ankara, Turkey, Sep 1995-June 1999

TEACHING EXPERIENCE

- “*Maritime Economics*” (OE614) (Graduate course), Civil, Environmental and Ocean Engineering Department, Stevens Institute of Technology, Hoboken, NJ, Spring 2016
- “*Calculus for the Life Sciences*” (MA133), Mathematics Department, Saint Peter’s University, Jersey City, NJ, Spring 2016
- “*Introduction to Probability and Statistics*” (MA106), Mathematics Department, Saint Peter’s University, Jersey City, NJ, Spring 2016
- “*Traffic Engineering I*” (CE555) (Graduate course), Civil Engineering Department, Middle East Technical University, Ankara, Turkey, Spring 2013
- “*Introduction to Civil Engineering*”(CE102), Civil Engineering Department, Middle East Technical University, Ankara, Turkey, Spring 2013 (Guest Lecturer for one week)
- “*Principles of Transportation and Traffic Engineering*” (CE353), Civil Engineering Department, Middle East Technical University, Ankara, Turkey, Fall 2012
- “*Transportation Engineering I*”, Department of Engineering, Hofstra University, NY, Spring 2008
- “*Project Management Using PRIMAVERA*”, Department of Engineering, Hofstra University, NY, Fall 2006, 2007, part of Fall 2008
- “*Engineering Drawing with AutoCAD*”, Department of Engineering, Hofstra University, NY, Spring 2007-2012, Fall 2007
- “*A Short Course on AutoCAD*”, Department of Engineering, Hofstra University, NY, One-Day Workshop, Fall 2007
- “*Structural Analysis II Using SAP2000*”, Department of Engineering, Hofstra University, NY, Spring 2011,2012
- “*Dynamics*”, Department of Engineering, Hofstra University, NY, Spring 2007, Summer 2008
- “*Numerical Methods Using MATLAB*”, Department of Engineering, Hofstra University, NY, part of Fall 2008, Spring 2011
- “*Computer Programming for Engineers with MATLAB*”, Department of Engineering, Hofstra University, NY, Spring 2012
- “*Design and Analysis of Experiments-Probability and Statistics*”, Department of Engineering, Hofstra University, NY, Spring 2007, 2008, 2010
- “*Methods of Random Processes*”, Department of Engineering, Hofstra University, NY, Fall 2006, 2007, part of Fall 2008
- “*Introduction to Forensic Science*”, Department of Engineering, Hofstra University, NY, Spring 2009, 2010
- “*Traffic Operations*” (Graduate course), Department of Civil and Environmental Engineering, Rutgers University, NJ, Fall 2003
- “*Introduction to Transportation Planning*”, Department of Civil and Environmental Engineering, Rutgers University, NJ, Fall 2003
- “*Transportation Engineering I*” , Department of Civil and Environmental Engineering, Rutgers University, NJ, Spring 2003

- “*Transportation Planning*” (Graduate course), Department of Civil and Environmental Engineering, Rutgers University, NJ, Fall 2002 (Guest Lecturer for three weeks to give students computer training on TransCAD, QRSII and STEAM)
- “*Mass Transit*”, Department of Civil and Environmental Engineering, Rutgers University, NJ, Fall 2001 (Guest Lecturer for three weeks to conduct a case study using TransCAD)
- “*Principles of Transportation and Traffic Engineering*”, Civil Engineering Department, Middle East Technical University, Turkey, Fall 1995 – Spring 1999 (Graduate Research Assistant)

FUNDED RESEARCH PROJECTS

1. **Research Scientist** (with a multi-university team) “Emergency Response and Evacuation Planning for New York City”, Funded by NYSRISE, 2014
2. **Co-Principal Investigator** (with K.Ozbay of Rutgers and C.Chen of University of Washington) “Improvements on NYMTC Data Products”, Funded by NYMTC for the period of 1/08-11/09, Hofstra’s Share Approximately \$50,000
3. **Senior Transportation Engineer** “I-78 Asset Management Analysis Using GIS” Funded by NJDOT. Participated for the period 1/06-8/06
4. **Senior Transportation Engineer** “Xanadu Simulation with TPPlus” Funded by Mills Corporation. Participated for the period 8/05-12/05
5. **Senior Transportation Engineer** “Evaluation Study of New Jersey’s Park and Ride Facilities Using GIS” Funded by NJDOT. Participated for the period 1/05-1/06
6. **Senior Transportation Engineer** “Liberty State Park Parking Supply Analysis” Funded by NJDOT. Participated for the period 3/05-5/05
7. **Senior Transportation Engineer** “Energy Consumption and Greenhouse Effect” Funded by NYMTC. Participated for the period 1/05-5/05
7. **Senior Transportation Engineer** “NYMTC Air Quality Conformity Analysis” Funded by NYMTC. Participated for the period 1/05-5/05
8. **Senior Transportation Engineer** “New Jersey Congestion Management Study- System Documentation” Funded by NJDOT. Participated for the period 1/05-2/05
9. **Research Associate** “Evaluation Study of the Port Authority of New York and New Jersey’s Time of Day Pricing Initiative” Funded by FHWA and NJDOT. Participated for the period 1/04-12/04
10. **Visiting Scholar** “Work Zone Safety” Funded by Center for Advanced Infrastructure and Transportation (CAIT) as part of the Undergraduate Summer Internship Program for the period of 6/03-8/03
11. **Graduate Research Assistant** “New Jersey’s Link to the 21st Century - Impacts of Transportation Investments on Economic Development” Funded by NJDOT. Participated for the period 10/99-10/02
12. **Private Consultant** “Gaziantep-Şanlıurfa Motorway Birecik-Şanlıurfa Section Pavement Design” Carried out for UBM Highway Design Company, Turkey, 6/99-8/99
13. **Private Consultant** “Gaziantep-Şanlıurfa Motorway Gaziantep-Birecik Section Feasibility Study” Carried out for Technical Engineering and Consultancy Company, Turkey, 2/99-5/99
14. **Private Consultant** “Aydın-Denizli Motorway Denizli Freeway Section Feasibility Study” Carried out for PROTEK Highway Design Company, Turkey, 10/98-1/99
15. **Private Consultant** “Gaziantep-Şanlıurfa Motorway Birecik-Şanlıurfa Section, Pavement Design for Service Facilities and Junctions,” Carried out for UBM Highway Design Company, Turkey, 6/98-9/98

REFEREED JOURNAL PUBLICATIONS

1. **Ozmen-Ertekin, D.** and Ozbay, K.(2012) “Dynamic Data Maintenance for Quality Data, Quality Research”, International Journal of Information Management, June, Vol.32, pp.282– 293
2. **Ozmen-Ertekin, D.**, Ozbay, K., Mudigonda, S., Cochran, A.M. (2008) “Simple Approach to Estimating Changes in Toll Plaza Delays”, Transportation Research Record, Journal of the Transportation Research Board, No.2047, pp.66-74
3. Ozbay, K., **Ozmen-Ertekin, D.**, Berechman, J. (2007). “Contribution of Transportation Investments to County Output”, Transport Policy, July, Vol.14, No.4, pp.317-329
4. **Ozmen-Ertekin,D.**, Ozbay, K., Holguin-Veras, J. (2007). “Role of Transportation Accessibility in Attracting New Businesses to New Jersey”, Journal of Urban Planning and Development, ASCE, June, Vol.133, No.2, pp.138-149
5. Berechman, J., **Ozmen-Ertekin,D.**, Ozbay, K. (2006). “Empirical Analysis of Transportation Investment and Economic Development at State, County and Municipality Levels”, Transportation – Springer Regional Science Journal, November, Vol.33, No.6, pp.537-551
6. Ozbay, K., **Ozmen-Ertekin, D.**, Berechman, J. (2006). “Modeling and Analysis of the Link between Accessibility and Employment Growth”, Journal of Transportation Engineering, ASCE, May, Vol.132, No.5, pp.385-393
7. Holguin-Veras, J., Xu, N., Levinson, H.S., McKnight, C.E., Weiner, R.D., Paaswell, R.E., Ozbay, K., **Ozmen-Ertekin, D.** (2005). “An Investigation on the Aggregate Behavior of Firm Relocations to New Jersey (1990-1999) and the Underlying Market Elasticities”, Journal of Networks and Spatial Economics, September, Vol.5, No.3, pp.293-331
8. Ozbay, K., **Ozmen-Ertekin,D.**, Yanmaz-Tuzel, O., Holguin-Veras, J. (2005). “Analysis of Time-of-Day Pricing Impacts at Port Authority of New York and New Jersey Facilities”, Transportation Research Record, Journal of the Transportation Research Board, No.1932, pp.109-118
9. Ozbay, K., **Ozmen-Ertekin, D.**, Berechman, J. (2003). “Emprical Analysis of the Relationship Between Accessibility and Economic Development”, Journal of Urban Planning and Development, ASCE, June, Vol. 129, No. 2, pp.97-119

NEWSLETTER ARTICLES & MEDIA CONTRIBUTIONS

- 1.Expert contributor to the *Newsday* on the news story “Design Changes for Hempstead Turnpike Urged” (published February 12, 2012)
- 2.Ozmen-Ertekin, D. (2011). “Traffic Jams, Delays, and Mitigation Strategies”, *Hofstra Horizons*, Fall Issue.
- 3.Ozmen-Ertekin, D. (2010). “Researchers Complete NYMTC Data Project”, Region 2 University Transportation Research Center (UTRC2), *Research News*, Spring Issue.
- 4.Ozmen-Ertekin, D. (2008). “Quality Data, Quality Research: Improvements on NYMTC Data Products”, Region 2 University Transportation Research Center, *Research News*, Winter Issue.

CONFERENCE PROCEEDINGS (FULL PAPER REFEREED)

1. “Dynamic Data Maintenance for Quality Data, Quality Research” 90th Annual Meeting of the Transportation Research Board, Washington, D.C., 2011. (with Ozbay, K.)
2. “A Simple Approach to Estimating Changes in Toll Plaza Delays” 87th Annual Meeting of the Transportation Research Board, Washington, D.C., 2008. (with Ozbay, K., Mudigonda, S., Cochran, A.M.)
3. “New Jersey: Value Pricing and the New Jersey Turnpike--Behavioral Impacts”, 84th Annual Meeting of the Transportation Research Board, 2005, Washington, D.C. (with Holguin-Veras, J., Ozbay, K.,Silas, M., Xu, N., Yanmaz, O.)

4. "New Jersey: Value Pricing and the New Jersey Turnpike--Travel Time Impacts", 84th Annual Meeting of the Transportation Research Board, 2005, Washington, D.C. (with Ozbay, K., Holguin-Veras, J., Mudigonda, S., Silas, M., Xu, N., Yanmaz, O.)
5. "New Jersey: Value Pricing at Port Authority of New York and New Jersey--Study Team Findings", 84th Annual Meeting of the Transportation Research Board, 2005, Washington, D.C. (with Holguin-Veras, J., Ozbay, K., Wang, Q., Zorrilla, J.C.)
6. "Analysis of Geographic Patterns of Firm Relocations to New Jersey (1990-1999) and Relationship to Transportation", 84th Annual Meeting of the Transportation Research Board, 2005, Washington, D.C. (with Holguin-Veras, J., Xu, N., Levinson, H.S., McKnight, C.E., Weiner, R.D., Paaswell, R.E., Ozbay, K.)
7. "Analysis of the Value Pricing Impacts at NY/NJ Port Authority Facilities", 84th Annual Meeting of the Transportation Research Board, 2005, Washington, D.C. (with Ozbay, K. and Holguin-Veras, J.)
8. "Transportation Investment and Economic Development: A Comparative Analysis of Regional, County and Municipality Data", 51st North American Regional Science Conference, 2004, Seattle, Washington (with Berechman, J. and Ozbay, K.)
9. "Price Elasticity of Demand at NY/NJ Port Authority Facilities Due to Variable Toll Pricing", 13th Panamerican Conference, Traffic and Transportation Engineering, 2004, Albany, New York (with Ozbay, K. and Holguin-Veras, J.)
10. "Do Transit Investments Affect Housing Values?", 13th Panamerican Conference, Traffic and Transportation Engineering, 2004, Albany, New York (with Ozbay, K. and Patel, A.)
11. "An Analysis of the Geographic Patterns of Firm Relocations to New Jersey (1990-1999) and Its Relationship to Transportation", 13th Panamerican Conference, Traffic and Transportation Engineering, 2004, Albany, New York (with Holguin-Veras, J., Xu, N., Levinson, H.S., McKnight, C.E., Weiner, R.D., Paaswell, R.E., Ozbay, K.)
12. "Business Relocation and Locational Attractiveness", 10th World Conference on Transport Research, 2004, Istanbul, Turkey (with Ozbay, K. and Holguin-Veras, J.)
13. "Highway Quality Concept in Turkey and Applicability of Quality Management Systems", Asphalt'98, 2nd Asphalt Symposium, 1998, General Directorate of Highways, Ankara, Turkey
14. "Evaluation of Light Rail Transit System in Ankara and Suggestions for Further Improvements", Advances in Civil Engineering, 3rd Technical Congress, 1997, METU, Ankara, Turkey

FUNDED RESEARCH REPORTS

1. "Projection of Evacuation Zones Under Climate Change", Interim Report for Work Unit 4.1, Presented to NYSRISE, Jul 2014 (with Ozbay, K.)
2. "Scenario-Driven and Real-Time Information based Storm and Evacuation Plan", Interim Report for Work Unit 1.2, Presented to NYSRISE, Jul 2014 and Mar 2015 (with Ozbay, K., Zhu, Y., Xie, K., Yang, H.)
3. "Improvements on NYMTC Data Products", Final Report, Publication 49777-14-19, Submitted to Region 2 University Transportation Research Center, Nov 2009 (with Ozbay, K. and Chen, C.) (104 pages)
4. "Evaluation Study of the Port Authority of New York and New Jersey's Time of Day Pricing Initiative", Final Report, Report No. FHWA-NJ-2005-005, Submitted to NJDOT, Mar 2005 (with Holguin-Veras, J., Ozbay, K., De Cerreno, A.) (Co-authored Chapters 2,3,8) (492 pages)
5. "Empirical Analysis of Relationship Between Accessibility and Economic Development", Final Report, Report No. CU-13 RU922, Submitted to NJDOT, July 2003 (with Ozbay, K. and Berechman, J.) (32 pages)
6. "New Jersey's Link to the 21st Century - Maximizing the Impact of Transportation Investments", Final Report, Report No. FHWA-NJ-2003-001, Submitted to NJDOT, Dec 2002 (with Paaswell, R.E., Holguin-Veras, J., Ozbay, K.) (53 pages)

7. "Gaziantep-Şanlıurfa Motorway Birecik-Şanlıurfa Section, Pavement Design", Submitted to UBM Highway Design Company, Aug 1999 (17 pages)
8. "Gaziantep-Şanlıurfa Motorway Gaziantep-Birecik Section Feasibility Study", Final Report, Submitted to Technical Engineering and Consultancy Company, Turkey, May 1999 (100 pages)
9. "Aydın-Denizli Motorway Denizli Freeway Section Feasibility Study", Final Report, Submitted to PROTEK Highway Design Company, Turkey, Jan 1999 (150 pages)
10. "Gaziantep-Şanlıurfa Motorway Birecik-Şanlıurfa Section, Pavement Design for Service Facilities and Junctions," Submitted to UBM Highway Design Company, Sep 1998 (15 pages)

CONFERENCE & INVITED PRESENTATIONS

1. "A Simple Approach to Estimating Changes in Toll Plaza Delays", 87th Annual Meeting of the Transportation Research Board, Washington, D.C., Jan 13-17, 2008.
2. "Role of Transportation Accessibility in Attracting New Businesses to New Jersey", 3rd Annual Science Research Symposium, Hofstra University, Oct 27, 2006.
3. "Analysis of the Value Pricing Impacts at NY/NJ Port Authority Facilities", 84th Annual Meeting of the Transportation Research Board, Washington, D.C., Jan 9-13, 2005.
4. "Evaluation of New York/New Jersey Port Authority Value Pricing Project", Rutgers University, Civil Engineering Department, Fall Seminars, Sep 15, 2004.
5. "Price Elasticity of Demand at NY/NJ Port Authority Facilities Due to Variable Toll Pricing", 13th Panamerican Conference, Traffic and Transportation Engineering, Sep 26-29, 2004, Albany, New York
6. "Do Transit Investments Affect Housing Values?", 13th Panamerican Conference, Traffic and Transportation Engineering, Sep 26-29, 2004, Albany, New York
7. "Business Relocation and Locational Attractiveness", 10th World Conference on Transport Research, July 4-8, 2004, Istanbul, Turkey
8. "Highway Quality Concept in Turkey and Applicability of Quality Management Systems", Asphalt'98, 2nd Asphalt Symposium, Dec 10-11, 1998, General Directorate of Highways, Ankara, Turkey
9. "Evaluation of Light Rail Transit System in Ankara and Suggestions For Further Improvements", Advances in Civil Engineering, 3rd Technical Congress, Sep 15-16, 1997, METU, Ankara, Turkey

STUDENT ADVISING

Ph.D. Thesis Committee Member

- Ozgur Ozturk, Rutgers University, Ph.D. Dissertation Committee outside member, Date of Completion Fall 2014, Dissertation Title: "Investigating Impacts of Work Zone on Crash Frequency, Crash Severity and Roadway Capacity"
- Hong Yang, Rutgers University, Ph.D. Dissertation Committee outside member, Date of Completion Fall 2011, Dissertation Title: "Simulation-Based Evaluation of Traffic Safety Performance Using Surrogate Safety Measures"

Graduate Special Project/M.Sc. Thesis Advisor

- Sandeep Mudigonda, Rutgers University, Master Thesis, Jan 2004-Dec 2004
- Ankita Patel, Rutgers University, Special Project on Effects of Rail Investments on Single Family Housing Values, Jan 2003-Dec 2004
- Harsh Doshi, Rutgers University, Special Project on Project Selection by Optimization, Jan 2003-Dec 2003

Undergraduate Special Project Advisor

- Chris Tuck, Senior Design Project titled “A Decision Tool for Prioritizing Federal Transit Agency Projects”, Hofstra University, Spring 2008
- John Rudauner, Honors Degree in Design and Analysis of Experiments, Hofstra University, Spring 2008

Undergraduate Internship Advisor

- Daniel Lee, Summer Internship Program, Rutgers University, 2003, Study Title: “Work Zone Safety Analysis Using QuickZone and Probabilistic LCCA”
- Nancy Chan, Summer Internship Program, Rutgers University, 2003, Study Title: “Work Zone Safety Analysis Using QuickZone and Probabilistic LCCA”

High School Internship Advisor

- Richard Huang, High School Internship Program at Hofstra University, Spring 2007, Study Title:” Predicting Pavement Deterioration using LTPP Database”

RESEARCH INTERESTS

- Planning, Operations and Design of Transportation Facilities
- Transportation Economics and Regional Impacts (Economic, Social, Environmental) of Transportation Investments
- Sustainable Transportation
- Transportation Engineering (with GIS Applications)
- Traffic Engineering
- Emergency Response and Evacuation
- Transportation Resilience
- Intelligent Transportation Systems
- Artificial Neural Networks
- Simulation Models
- Traffic Safety
- Work Zones
- Highway Engineering and Materials
- Pavement Design and Deterioration Models
- Transportation Data Management

AFFILIATIONS & ACTIVITIES

- **Affiliated Faculty**, CitySMART Lab at NYU
- **Affiliated Faculty**, 7th Framework Programme Project based at the Technical University of Valencia in Spain and titled "Green Urban Mobility - Local Transport Solutions (LOTOS)", to be presented in the topic: Implementing innovative and green urban transport solutions in Europe and beyond (Upcoming in 2013)

- **Chaired (Invited)** a session at the 10th International Congress on Advances in Civil Engineering, October, 17- 19, 2012, Ankara, Turkey
- **Member**, Sigma Xi Scientific Research Society
- **Associate Member**, American Society of Civil Engineers
- **Associate Member**, ASCE Transportation and Development Institute
- **Affiliate Member**, Transportation Research Board
- **Affiliated Faculty**, Region 2 University Transportation Research Center
- **Member**, Society of Women Engineers
- **Friend**, Transportation Research Board Joint Subcommittee on Road Pricing
- **Reviewer**, Transport Policy, Transportation Research, ASCE Journal of Transportation Engineering, Transportation Research Board, IEEE ITS Journal
- **Member**, Turkish Society of Civil Engineers
- **Member**, Turkish Road Association

HONORS, AWARDS & CERTIFICATES

- Faculty Academic Service Increment Award (2004)
- Engineer in Training, New Jersey licensee (2004)
- Professional Engineer, New Jersey licensee (2006)
- Hofstra University Grant Writing Stipend (for NSF Career Proposal) (2007)
- Served (Invited) on the Scientific Committee of the 10th International Congress on Advances in Civil Engineering (2012)
- CUNY Collaborative Incentive Research Grant Program (CIRG) Proposal Review Panel Member. Selected by the CUNY (2012)

EDUCATIONAL DEVELOPMENT ACTIVITIES

- o Developed *Transportation Systems Planning* course (Upcoming in Fall 2016)
- o Developed *Traffic Engineering I with HCS, SIDRA, QRSII* course (Spring 2013)
- o Developed *Computer Programming for Engineers with MATLAB* course (Spring 2012)
- o Developed *Structural Analysis II* course and introduced SAP2000 (Spring 2011)
- o Developed *GIS in Urban Ecology* course (for Biology Department)
- o Revised *Numerical Methods* course and introduced MATLAB (Fall 2008 and Spring 2011)
- o Developed a First Year Seminar course titled *Those Who Quietly Shape the World* (Approved)
- o Developed *Transportation Engineering I* course and introduced HCS, STEAM (Spring 2008)
- o Developed *A Short Course on AutoCAD* (1-day workshop) (Fall 2007)
- o Revised *Design and Analysis of Experiments* course (Spring 2007)
- o Revised *Dynamics* course (Spring 2007)
- o Revised *Engineering Drawing* course featuring AutoCAD (Spring 2007)

- o Revised *Project Management* course and introduced Primavera software (Fall 2006)
- o Revised *Methods of Random Processes* course (Fall 2006)
- o Revised *Traffic Operations* course (Fall 2003)
- o Revised *Introduction to Transportation Planning* course (Fall 2003)

SERVICE TO DEPARTMENT, COLLEGE & UNIVERSITY

- Member**, Undergraduate Curriculum Committee, Middle East Technical University, Civil Engineering Department (Spring 2013-Fall 2013)
- Member**, Scholarship Committee, Middle East Technical University, Civil Engineering Department (Spring 2013-Fall 2013)
- Member**, Open House and University Relations Committee, Middle East Technical University, Civil Engineering Department (Spring 2013-Fall 2013)
- Worked** with two staff members from the General Directorate of Highways- Transportation Finance and Productivity Branch and provided them guidance about a planned conference organization on the Impacts of Infrastructure Investments, Spring 2013
- Made a presentation** at the Region 2 University Transportation Research Center (UTRC2) board meeting in December 2010 for Hofstra University to become a member of the UTRC2 Consortium, which was approved in Spring 2011
- Contributed** to the ABET report for Hofstra Engineering Science Program/Civil Option (Spring 2011)
- Senator-at-Large**, Special Committee on Recruitment, Elections and Nominations (SCREAN), Hofstra University (Spring 2011-Spring 2012)
- Member**, Standards and Review Committee, Hofstra College of Liberal Arts and Sciences (Spring 2011-Spring 2012)
- Contributed** to the proposal development for the future School of Engineering at Hofstra University (Spring 2010)