

Amir Reza Mamdoohi
Curriculum Vitae (CV)
(April 2025)

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Links (my research & social web pages)



Row	Summary of Activities	Total Number
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1 Background

1-1 Educational Background

1. Ph. D. in **Transportation Planning & Engineering**, Civil Engineering Faculty, *Sharif University of Technology*, Tehran, Iran, 2005.
2. MS in Socio-Economic Systems Engineering, **Transportation Planning**, *Institute for Management & Planning Studies*, Tehran, Iran, 1997.
3. B.S. in **Mechanical Engineering**, Heat & Fluids, Mechanical Engineering Faculty, *Sharif University of Technology*, Tehran, Iran, 1989.
4. High School Diploma in **Mathematics & Physics**, *Shahid Dr. Beheshti High School*, Tehran, Iran, 1983.
5. Grades Form Upper 3 & Form 4, *New Warran School*, Plymouth, England, 1978-1980.

1-2 Academic Background

1. Sabbatical leave, *Montreal Polytechnique*, Department of Civil, Geological & Mining Engineering, Montreal, Canada, 10 Oct 2022 to 10 Jun 2023.
2. Adjunct Professor, *Montreal Polytechnique*, Department of Civil, Geological & Mining Engineering, Montreal, Canada, since 15 May 2023 ([link1](#)) ([link2](#)).
3. Associate Professor, *Tarbiat Modares University*, since 15 Sep 2016 ([link](#)).
4. Assistant Professor, *Tarbiat Modares University*, 31 Aug 2009 to 15 Sep 2016.
5. Invited Professor, *Institute for Management & Planning Studies*, since Feb 2013 ([link](#)).
6. Invited Assistant Professor, *Tarbiat Modares University*, Jan 2008 to Jul 2009.
7. Assistant Professor, *Institute for Management & Planning Studies*, 24 Aug 2005 to 31 Aug 2009.
8. Lecturer, *Institute for Management & Planning Studies*, Feb 1999- Aug 2005.
9. Member of Spatial & Regional Planning Research Group, *Institute for Management & Planning Studies*, since Nov 2004.
10. Research Assistant, Institute for Transportation Studies, Center for Transportation Studies & Research, *Sharif University of Technology*, 1995-2005.
11. Teaching Assistant, Civil Engineering Faculty, *Sharif University of Technology*, 1997-2004.

1-3 Professional & Industrial Background

1. Member of Transportation Council, *Parliament Research Center*, December 2020-November 2021.
2. Member of Press Council, *Road, Housing & Urban Development Research Center*, Ministry of Roads & Urban Development, since June 2015.
3. Transportation & Traffic Technical Committee Member, *Tehran Research & Planning Center- Tehran Municipality*, June 2014-2018.
4. Transportation & Traffic Advisor, *Tehran Research & Planning Center- Tehran Municipality*, April 2013-2018.
5. Transportation Advisor & Technical Committee Member, *Tehran Comprehensive Transportation & Traffic Studies Company (TCTTS)- Tehran Municipality*, 2011-2016.
6. Technical Committee Advisor, *Tarhe Now Andishan (TNA) Consulting Engineers*, May 2009-2015.
7. Transportation Advisor, *Wilbur Smith Associates*, 2005-2006.

8. Transportation & Traffic Advisor, *Tehran Research & Planning Center- Tehran Municipality*, 2004-2006.
9. Transportation & Traffic Advisor, *Arman Taradod Pars*, 2008-2013.
10. Transportation & Traffic Advisor, *Tarrahan Parseh Transportation Research Institute*, since 2008.
11. Transportation & Traffic Advisor, *Pouya Tarh Pars Consultants*, since 2005.
12. Transportation Advisor, *Tarh Rahaye Talayee Consultants*, since 2004-2005.
13. Transportation & Traffic Consultant, Mashad Traffic Organisation, *Mashad Municipality*, 2001.
14. Transportation Consultant, *Tehran Province Scientific & Industrial Services*, 2000-2001.
15. Transportation Consultant, *Transportation & Terminals Organisation- Ministry of Road & Transportation*, 1999-2000.
16. Transportation Researcher & Consultant, *Tehran Comprehensive Transportation & Traffic Studies*, 1997-2001.
17. English Instructor, 1984-1996.

1-4 Managerial & Executive Background

1. Member of the Supervisory & Strategic Evaluation Council, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, from 19 July 2024.
2. Head of Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, since 24 June 2023 ([link1](#)) ([link2](#)).
3. Acting Dean, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 14 April 2019 to 19 Dec 2019 ([link](#)).
4. Deputy Dean for Academic Affairs, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 8 March 2017 to 30 Dec 2019 ([link1](#)) ([link2](#)).
5. Member of the Educational Council, School of Engineering, *Tarbiat Modares University*, February 2019 to December 2019.
6. Member of the Supervisory Council, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, May 2017 to December 2019.
7. Head of the Supervisory Council, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 2019 ([link](#)).
8. Head of Transportation Engineering Laboratory, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, since 2019.
9. Head of Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 6 Oct 2013 to 13 April 2018.
10. Head of Highway Engineering & Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 15 Mar 2011 to 6 Oct 2013.
11. Member of Scientific & Executive Council of Joint Courses, *Tarbiat Modares University & Tarahan Parseh Transportation Research Institute*, since June 2013.
12. Research Deputy Planning Committee Vice Chair, *Institute for Management & Planning Studies*, 2008.
13. Member of Research Council, *Institute for Management & Planning Studies*, Jun 2007 to Sep 2008.
14. Director General, Research Planning & Coordination Office, *Institute for Management & Planning Studies*, 13 Jun 2007 to 14 Sep 2008.
15. Member of ICT Council, *Institute for Management & Planning Studies*, Mar 2007 to Sep 2008.

16. Member of Job Evaluation Committee, *Institute for Management & Planning Studies*, Mar 2007 to Sep 2008.
17. Member of Research Committee, *Iranian Association of Rail Transport Engineering*, since Sep 2007.
18. Director General, Educational Planning & Modeling Office, *Institute for Management & Planning Studies*, 12 Nov. 2006 to 13 Jun 2007.
19. Member of Management Council, *Institute for Management & Planning Studies*, Nov. 2006 to Sep 2008.
20. Head of Transportation Planning & Economics Research Group, *Institute for Management & Planning Studies*, Jun 2006 to Jul 2009.
21. Head of Transportation & Logistics Group, *Terhe-No-Andishan Consulting Engineers*, July 2004-May 2009.
22. Head of Transportation Studies Group, *Institute for Management & Planning Studies*, 2003-2005.

1-5 Journal Editorial Board Membership

1. *Iranian Journal of Science and Technology, Transactions of Civil Engineering (IJSTC)*, **Springer Nature**, ISSN: 2228-6160, Associate Editor since 2023 ([link](#)).
2. *International Journal of Transportation Engineering (IJTE)*, Tarrahan Parseh Transportation Research Institute & Iranian Association of Transportation Engineering, Tehran, Iran, since 2012 (English Journal) ([link](#)).
3. *Journal of Geotechnical & Transportation Engineering (JGTTE)*, ISSN: 2379-8769 (Print) & 2379-8777 (Online), since 2016 (English Journal) ([link](#)).
4. *Transportation Safety, Frontiers in Future Transportation (FFT)*, ISSN: 2673-5210 (Open Access), Associate Editor since 2021 (English Journal) ([link](#)).
5. *Journal of Transportation Engineering*, Iranian Society of Transportation Engineering, Tehran, Iran, since 2012 (Farsi Journal) ([link](#)).
6. *Quarterly Journal of Traffic Management Studies*, Amin police University, since 2018 (Farsi Journal) ([link](#)).
7. *Road Journal*, Road, Housing & Urban Development Research Center (Farsi Journal) ([link](#)).
8. *Transportation Research Journal*, Road, Housing & Urban Development Research Center (Farsi Journal) ([link](#)).
9. *Traffic Engineering Journal*, Traffic & Transportation Organization, Tehran Municipality (Farsi Journal) ([link](#)).

1-6 MS & PhD Courses

1. Research Methodology
2. Transportation Planning
3. Transportation Demand Analysis
4. Transportation Systems Analysis
5. Advanced Transportation Planning
6. Behavioral Modeling in Transportation
7. Modeling in Transportation Planning
8. Operations Research

2 Industry & Research Projects

1. Intelligent Transportation Systems: ITS (project team member).
2. Updating of the Transportation Master Plan of Mashad (project advisor).
3. Feasibility Study & Location of the Megaport in Booshehr Province (project advisor).
4. The Role of Booshehr Port in Freight Transit of the Country (Transport Studies manager).
5. Wheat Storage Facilities Location & Expansion Studies (project advisor).
6. Comprehensive Transportation Master Plan for the city of Isfahan (project team member).
7. Comprehensive Transportation Master Plan for the city of Shiraz (project team member).
8. Comprehensive Transportation Master Plan for the city of Mashad (project team member).
9. Advanced Traveler Information Systems for the city of Tehran (project advisor).
10. Fatality Analysis of Road Accidents in the Country (project advisor).
11. Tehran-Karaj Rail Transit Studies (project advisor).
12. Tehran Comprehensive Transportation & Traffic Studies (project team member).
13. Khouzeestan Steel Company Site Transportation Planning & Management (project manager).
14. Tehran & Suburbs Comprehensive Studies (project advisor).
15. Estimation of Telecommuting Demand Function for Different Jobs (project team member).
16. Role of Telecommunications Technology in Urban Travel Behavior (project team member).
17. Comprehensive Transportation Studies of Iran (Transport Modeling advisor).
18. Comprehensive Studies of Hierarchical Structure of Researches in Transportaion Planning & Management (project manager).
19. Comprehensive & Detailed Studies of the city of Tehran (project advisor).
20. Comprehensive Studies of CNG Station Location Problem (project manager).
21. Innovative Traffic Congestion Alleviation for Dubai (project advisor).
22. Teleworking Impact Study for the City of Tehran (project manager).
23. Material Flow Modeling & Optimization for Iran National Industrial Steel Group (project advisor).
24. Inter-Urban Passenger & Freight Transportation Demand Management Evaluation & Model for Iran (project advisor).
25. Inter-Urban Transportation Research Topics Identification for Time Period 2009-2013 (project manager).
26. Urban Transportation Fuel Consumption Factors Identification & Suggestions for its Control (technical manager).
27. Duplicate Inter-Urban Transportation Analysis & Suggestions for its Decrease for Iran (project advisor).
28. Blue City Master Plan Revision (project team member), 2007, Rah Shahr Consulting Engineering Group (RSCEG).
29. Supervision of Comprehensive Transportation Updating Studies of Mashad (project manager).
30. Supervision of Mashad Traffic Restricted Area Revision & Extension Studies (member of supervision team).
31. Supervision of Comprehensive Transportation Studies of Hamedan (technical manager).
32. Supervision of Daily Activities Scheduling Studies of Mashad (project manager).
33. Transportation Network Performance Analysis at times of Disaster (project manager).
34. Tehran Multi Airport Network Studies (technical manager).
35. Increasing the Share of Inter Urban Passenger Public Transportation Studies (project advisor).
36. Tehran Parking Comprehensive Studies (project advisor).
37. Tehran Bicycle Comprehensive Studies (project advisor).

38. Telecommuting Infrastructure Needs (project advisor).
39. Qazvin Province Comprehensive Transportation Studies (project advisor).
40. Strategic Studies of Freight Comprehensive Transportation Studies of Tehran Metropolis (project supervisor).
41. Supervision of Comprehensive Transportation Studies of Bushehr city (project manager).
42. Tehran Construction Code Assessment based on TOD Principles (project supervisor).
43. Bushehr Province Comprehensive Transportation Studies (Demand modeling manager).
44. Kerman Province Comprehensive Transportation Studies (project advisor).
45. Iran Rail Network Freight Transportation Demand & Capacity Analysis (project supervisor).
46. Cordon Pricing of Tehran CBD & its Effectiveness (project manager).
47. Assessment of Tehran new traffic scheme & feasibility of its extension to odd-even area (project manager).
48. Supervision of Comprehensive Transportation Studies of Shiraz city (joint project manager & technical manager).
49. Tehran Transportation & Traffic Studies & Policies (project manager).
50. Tehran Transportation Demand Management Studies (project manager of TMU consortium).
51. Planning & Research Services of the 18th International Conference on Traffic & Transportation Engineering (joint project manager & technical manager).
52. Supervision of Comprehensive Transportation Studies of Qom (project team member).
53. Location & Layout Studies of Qazvin Logistics Village (joint project manager & technical manager).
54. Implementation of Models & Algorithms of Shiraz Comprehensive Transportation Studies in Visum (joint project manager & technical manager).
55. Comprehensive Pedestrian Trips Studies of Shiraz (joint project manager & technical manager).
56. Kerman Comprehensive Transportation & Traffic Studies (joint project manager & technical manager).
57. Planning & Research Services of the 19th International Conference on Traffic & Transportation Engineering (joint project manager & technical manager).
58. Sustainable Urban Mobility Research in Central Asia (SUMRICA), Technical University of Berlin (Iranian delegate) ([link1](#)) ([link2](#)).
59. Planning & Research Services of the 6th International Conference on Traffic Safety & Management, May 2024 (joint project manager & technical manager).
60. Tabriz Comprehensive Transportation & Traffic Studies, March 2024 (joint project manager & technical manager).
61. Tehran Traffic Cordon Studies Updating, July 2024 (joint project manager & technical manager).
62. Planning & Research Services of the 7th International Conference on Traffic Safety & Management, May 2025 (joint project manager & technical manager).

3 Publications

3-1 Books (Farsi)

1. Mamdoohi AR & Abbasi M, *Computer simulation by Aimsun with applied examples (traffic engineering & transportation planning)*, ACECR Publication, Amirkabir University of Technology, Tehran, Iran, 2020 ([link](#)).

2. Mamdoohi AR & Zarei H, *Cyber physical systems of intelligent transportation & intelligent cities*, in *Urban & regional transportation policies for new cities* (1st edition, No. 4, pp. 115-139), BHRC Publication, Tehran, Iran, 2017 ([link](#)).
3. Mamdoohi AR, Mahpur A & Masudi M, *Impact of earthquake on the capacity of roads*, 1st edition, BHRC Publication, Tehran, Iran, 2021 ([link](#)).
4. Mamdoohi AR & Mehdizadeh M, *Transportation Demand Analysis*, Farsi translation, Tarbiat Modares University Publication, Tehran, Iran, 2020 ([link](#)).

3-2 Peer-reviewed International Journal Papers (English)

1. Mamdoohi AR & Kermanshah M, *Traffic information use modeling in the context of a developing country*, **Periodica Polytechnica Transportation Engineering**, Vol. 33, No. 1, pp. 125-137, Budapest University of Technology & Economics, 2005 ([link](#)).
2. Mamdoohi AR, Kermanshah M & Poorzahedy H, *Telecommuting suitability modeling: an approach based on the concept of Abstract Job*, **Transportation**, Vol. 33, No. 4, pp. 329-346, Springer, Netherlands, July 2006 (ISI) ([link](#)).
3. Mamdoohi AR & Ardeshtiri A, *An approach for the estimation of aggregate potential telecommuting demand*, **International Journal of Engineering, Transactions A: Basics**, Vol. 24, No. 4, pp. 331-340, November 2011 ([link](#)).
4. Shourijeh MT, Kermanshah M, Mamdoohi AR, Faghri A & Hamed K, *A mathematical optimization model for locating telecenters*, **Applied Mathematics**, Vol. 3, No. 3, pp. 251-263, March 2012 (ISI) ([link](#)).
5. Mamdoohi AR, Saffarzadeh M, Taherpour A & YazdanPanah M, *Modeling air passengers' ground access mode choice a case study of IKIA*, **International Journal of Modeling & Optimization**, Vol. 2, No. 2, pp. 147-152, April 2012 ([link](#)).
6. Mamdoohi AR, Yousefikia, M & Mahpour AR, *Increasing minimum spanning tree estimation precision; implemented for Tehran province*, **Advances in Civil Engineering & Building Materials**, Routledge Taylor & Francis Group, pp. 879-882, London, 2013 ([link](#)).
7. Saffarzadeh M, Nadimi N, Naseralavi S & Mamdoohi AR, *A general formulation for TTC safety indicator*, **Proceedings of the ICE**, Vol. 166, No. 5, pp. 295-304, October 2013 (ISI) ([link](#)).
8. Shabani Verki H, Mamdoohi AR & Saffarzadeh M, *Stochastic planning approach in airport passenger terminals*, **Journal of Traffic & Logistics Engineering**, Vol. 1, No. 1, pp. 77-81, June 2013 ([link](#)).
9. Eshghabadi F, Ziari K, Mamdoohi AR & Farhoodi R, *Modeling the effects of transportation patterns on land use patterns of Tehran City*, **Caspian Journal of Applied Sciences Research (CJASR)**, Vol. 2, No. 2, pp. 131-142, February 2013 (ISI).
10. Şimşekoğlu Ö, Nordfjaern T, FallahZavareh M, MohamadiHezaveh A, Mamdoohi AR & Rundmo T, *Risk perceptions, fatalism & driver behaviors in Turkey & Iran*, **Safety Science**, Vol. 59, pp. 187-192, November 2013 (ISI) ([link](#)).
11. Mamdoohi AR, Nazari F & Noruzoliaee M, *An investigation of human factors impact on Tehran urban crash severity*, **Journal of Traffic & Logistics Engineering**, Vol. 2, No. 2, pp. 100-103, June 2014 ([link](#)).
12. Mamdoohi AR, Fallah Zavareh M, Hyden C & Nordfjaern T, *Comparative analysis of safety performance indicators based on inductive loop detector data*, **PROMET- Traffic & Transportation**, Vol. 26, No. 2, pp. 139-149, 2014 (ISI) ([link](#)).

13. Nordfjaern T, Şimşekoğlu Ö, FallahZavareh M, MohamadiHezaveh A, Mamdoohi AR & Rundmo T, *Road traffic culture & personality traits related to traffic safety in Turkish & Iranian samples*, **Safety Science**, Vol. 66, pp. 36-46, July 2014 (ISI) ([link](#)).
14. Nordfjaern T, MohamadiHezaveh A & Mamdoohi AR, *An analysis of reported driver behaviour in samples of domestic & expatriate Iranians*, **Journal of Risk Research**, Vol. 18, No. 5, pp. 566-580, 2015 (ISI) ([link](#)).
15. Mamdoohi AR, Kermanshah M & Poorzahedy H, *Fuzzy random utility choice models: the case of telecommuting suitability*, **International Journal of Transportation Engineering**, Vol. 1, No. 4, pp. 255-270, Spring 2014 ([link](#)).
16. Mamdoohi AR, YazdanPanah M, Taherpour A & Saffarzadeh M, *An analysis of resident & non-resident air passenger behavior of origin airport choice*, **International Journal of Transportation Engineering**, Vol. 2, No. 1, pp. 13-30, Summer 2014 ([link](#)).
17. Mamdoohi AR, Seyedabrishami S & Baghestani A, *Analytical comparison of aggregate & disaggregate mode choice models transferability*, **International Journal of Transportation Engineering**, Vol. 2, No. 2, pp. 145-154, Fall 2014 ([link](#)).
18. Seyedabrishami S, Mamdoohi AR, Barzegar A & Hasanpour S, *Impact of carpooling on fuel saving in urban transportation: case study of Tehran*, **Procedia - Social & Behavioral Sciences**, Paris, Vol. 54, pp. 323-331, October 2012 ([link](#)).
19. Mamdoohi AR, Fallah Zavareh M, Hassani A & Nordfjaern T, *A Monte Carlo simulation of chain reaction rear end potential collisions on freeways*, **International Journal of Transportation Engineering**, Vol. 2, No. 3, pp. 213-229, Winter 2015 ([link](#)).
20. Mamdoohi AR, Saffarzadeh M & Shojaat S, *Capacity drop estimation based on stochastic approach, applied to Tehran-Karaj freeway*, **International Journal of Transportation Engineering**, Vol. 2, No. 4, pp. 279-288, Fall 2014 ([link](#)).
21. Shirgir B, Mamdoohi AR & Hassani A, *Prediction of porous concrete permeability & compressive strength using artificial neural networks*, **International Journal of Transportation Engineering**, Vol. 2, No. 4, pp. 307-316, Spring 2015 ([link](#)).
22. Shabaniverki H, Mamdoohi AR & Saffarzadeh M, *Capacity planning based on scenario tree & passenger motion equation (IKIA & MIA)*, **Journal of Geotechnical & Transportation Engineering**, Vol. 1, No. 2, pp. 53-57, Winter 2015 ([link](#)).
23. Yousefikia M, Mamdoohi AR & Noruzoliaee MH, *Iterative update of route choice proportions in OD estimation*, **Proceedings of the ICE- Transport**, Vol. 169, No. 1, pp. 53-60, Feb 2016 (ISI) ([link](#)).
24. Choupani A & Mamdoohi AR, *Population synthesis in activity-based models: tabular rounding in iterative proportional fitting*, **Transportation Research Record: Journal of the Transportation Research Board**, Vol. 2493, pp. 1-10, Jan 2015 (ISI) ([link](#)).
25. Nazari F, Seyedabrishami S & Mamdoohi AR, *A direct demand model of departure time & mode for intercity passenger trips*, **International Journal of Transportation Engineering**, Vol. 3, No. 2, pp. 125-141, Spring 2015 ([link](#)).
26. Mamdoohi AR & Amini V, *Modeling impacts of network characteristics on maximum acceptable time for cycling, case of work & study trips*, **Journal of Geotechnical & Transportation Engineering**, Vol. 2, No. 1, pp. 1-5, April 2016 ([link](#)).
27. Fallah Zavareh M, Mamdoohi AR, & Nordfjaern T, *The effects of indicating rear-end collision risk via variable message signs on traffic behaviour*, **Transportation Research Part F**, Vol. 46, part B, pp. 524-536, April 2017 (ISI) ([link](#)).

28. Mehdizadeh M, Nordfjaern T & Mamdoohi AR, *The role of socio-economic, built environment & psychological factors in parental mode choice for their children in an Iranian setting*, **Transportation**, Vol. 45, No. 2, pp. 523-543, March 2018 (ISI) ([link](#)).
29. Mehdizadeh M, Mamdoohi AR & Nordfjaern T, *Walking time to school, children's active school travel & their related factors*, **Journal of Transport & Health**, Vol. 6, pp. 313-326, 2017 (ISI) ([link](#)).
30. Mehdizadeh M, Nordfjaern T, Mamdoohi AR & Mohaymany AS, *The role of parental risk judgements, transport safety attitudes, transport priorities & accident experiences on pupils' walking to school*, **Accident Analysis & Prevention**, Vol. 102, pp. 60-71, May 2017 (ISI) ([link](#)).
31. Mehdizadeh M, Mamdoohi AR, Fallah Zavareh M & Nordfjaern T, *The role of parental attitudes towards walking on children walking to schools*, **Journal of Traffic & Logistics Engineering**, Vol. 4, No. 2, pp. 108-112, December 2016 ([link](#)).
32. Choupani A & Mamdoohi AR, *Population synthesis using iterative proportional fitting process: A review & future research*, **Transportation Research Procedia**, Vol. 17, pp. 223-233, 2016 ([link](#)).
33. Soltani N & Mamdoohi AR, *A model of driver behavior in response to road roughness: a case study of Yazd arterials*, **Journal of Geotechnical & Transportation Engineering**, Vol. 2, No. 2, pp. 46-50, December 2016 ([link](#)).
34. Mamdoohi AR & Janjani A, *Modeling metro users' travel behavior in Tehran: frequency of use*, **Journal of Land Use, Mobility & Environment (TeMA)**, Special Issue 2016, TOD in Iran: Challenges & Solutions, Vol. 9, No. 4, pp. 47-58, Winter 2016 ([link](#)).
35. Mamdoohi AR & Zarei H, *An analysis of public transit connectivity index in Tehran*, **Journal of Land Use, Mobility & Environment (TeMA)**, Special Issue 2016, TOD in Iran: Challenges & Solutions, Vol. 9, No. 4, pp. 59-76, Winter 2016 ([link](#)).
36. Ehteshamrad S, Saffarzadeh M & Mamdoohi AR, *Role of children in parents' car use behavior*, **American Scientific Research Journal for Engineering, Technology & Sciences (ASRJETS)**, Vol. 27, No. 1, pp. 179-188, 2017 ([link](#)).
37. Ehteshamrad S, Saffarzadeh M & Mamdoohi AR, *Role of children in parents' transit use behavior- An Iranian sample*, **Journal of Multidisciplinary Engineering Science & Technology (JMEST)**, Vol. 4, No. 1, pp. 6442-6447, January 2017 ([link](#)).
38. Shaygan M, Mamdoohi AR & Masoumi H, *Car ownership models in Iran: a review of methods & determinants*, **Transport & Telecommunication**, Vol. 18, No. 1, pp. 45-59, February 2017 ([link](#)).
39. Firuzi I & Mamdoohi AR, *A quantitative impact analysis of attitudes towards safety & traffic on high school students' walking to school*, **Journal of Geotechnical & Transportation Engineering**, Vol. 3, No. 1, pp. 30-34, June 2017 ([link](#)).
40. MohamadiHezaveh A, Nordfjaern T, Mamdoohi AR & Şimşekoğlu Ö, *Predictors of self-reported crashes among Iranian drivers: exploratory analysis of an extended driver behavior questionnaire*, **PROMET- Traffic & Transportation**, Vol. 30, No. 1, pp. 35-43, 2018 (ISI) ([link](#)).
41. Ehteshamrad S, Saffarzadeh M, Mamdoohi AR, Saffarzadeh S & Figueira FM, *Car use behavioral study for commuting trips: parent's work trips & children's school trips*, **International Journal of Transportation Engineering**, Vol. 6, No. 3, pp. 207-216, Winter 2019 ([link](#)).

42. Mahpour AR, Mamdoohi AR, HosseinRashidi T, Shcmid B & Axhausen KW, *Shopping destination choice in Tehran: an integrated choice & latent variable approach*, **Transportation Research part F**, Vol. 58, pp.566-580, 2018 (ISI) ([link](#)).
43. Baghestani AH, Mamdoohi AR, Mahpour A & Salem A, *Mode choice models transferability: a Bayesian update for two cities in Iran*, **Journal of Traffic & Logistics Engineering**, Vol. 5, No. 1, pp. 21-25, June 2017 ([link](#)).
44. Bashirinia M, Mamdoohi AR & Silva JA, *An alternative approach to centroids & connectors pattern: random intra-zonal travel time*, **International Journal of Transportation Engineering**, Vol. 7, No. 3, pp. 249-265, Winter 2020 ([link](#)).
45. Mehdizadeh M, Nordfjaern T & Mamdoohi AR, *Environmental norms & sustainable transport mode choice on children's school travel: the norm-activation theory*, **International Journal of Sustainable Transportation**, Vol. 14, No. 2, pp.137-149, 2019 (ISI) ([link](#)).
46. Mehdizadeh M & Mamdoohi AR, *Active school travel: homogeneity or heterogeneity? That is the question*, **Transportation Planning & Technology**, Vol. 43, pp.443-462, 2020 (ISI) ([link](#)).
47. Fallah Zavareh M, Abolhasannejad V, Mamdoohi AR, Nordfjærn T, *Barriers to children's walking to school in Iranian & Chinese samples*, **Transportation Research Part F**, Vol. 73, pp.399-414, 2020 (ISI) ([link](#)).
48. Mamdoohi AR & Amini V, *Bicycle demand: a gender analysis for Tehran, Iran*, **International Journal of Transportation Engineering**, Vol. 8, No. 3, pp.211-223, 2021 ([link](#)).
49. Omrani H, Mamdoohi AR & Farzin I, *Taste variation of the elderly mode choice: the role of socio-economic, attitude & behavior factors*, **International Journal of Transportation Engineering**, Vol. 8, No. 4, pp. 341-362, Spring 2021 ([link](#)).
50. Ahmadipour F, Mamdoohi AR & Arndt WH, *Impact of built environment on walking in the case of Tehran, Iran*, **Journal of Transport & Health**, Vol. 22, pp. 1-10, 2021 ([link](#)).
51. Hoseini A, Mamdoohi AR & Nordfjærn T, *Analysis of pedestrians' behavior: a segmentation approach based on latent variables*, **Accident Analysis & Prevention**, Vol. 157, pp. 1-10, 2021 ([link](#)).
52. Mamdoohi AR, Omrani H & Allahviranlo M, *Role of built-environment, lifestyle, attitude & behavioral factors on mode choice- case of grocery shopping in Tehran*, **International Journal of Transportation Engineering**, Vol. 9, No. 2, pp. 537-560, Fall 2021 ([link](#)).
53. Khashaypoor M, Nunes da Silva F & Mamdoohi AR, *Strategic choices impact on urban mobility improvement: a case study of Tehran*, **Journal of Sustainable Development of Transport & Logistics**, Vol. 6, No. 2, pp. 109-123, Fall 2021 ([link](#)).
54. Ehteshamrad S, Saffarzadeh M, Mamdoohi AR & Nordfjærn T, *Behavior of parents & children in the way they use public transport, a case study of Iranian households*, **Case Studies on Transport Policy** January 2022 ([link](#)).
55. Baghestani A, Tayarani M, Allahviranloo M, Nadafianshahamabadi R, Kucheva Y, Mamdoohi AR, Oliver Gao H, *New York City cordon pricing & its impacts on disparity, transit accessibility, air quality, & health*, **Case Studies on Transport Policy**, Vol. 10, No. 1, pp. 485-499, March 2022 ([link](#)).
56. Macioszek E, Karami A, Farzin I, Abbasi M & Mamdoohi AR, *The effect of different distance intervals on walking likelihood in different trip purposes*, **Sustainability**, Vol. 14, No. 6, pp. 1-17, March 2022 ([link](#)).
57. Khashaypoor M, Nunes da Silva F & Mamdoohi AR, *An overview of challenges & plans to improve urban mobility: a case of approach & strategies in Tehran*, **International Journal of Transportation Engineering**, Vol. 9, No. 4, pp. 781-799, Spring 2022 ([link](#)).

58. Gholi H, Kermanshah M & Mamdoohi AR, *Investigating the sources of heterogeneity in passengers' preferences for transit service quality*, **Journal of Public Transportation**, Vol. 24, pp. 1-7, 2022 ([link](#)).
59. Farzin I, Mamdoohi AR & Ciari F, *Autonomous vehicles acceptance: a perceived risk extension of UTAUT & DOI integration, evidence from Tehran, Iran*, **International Journal of Human-Computer Interaction**, June 2022 ([link](#)).
60. Fallah M, Barati M, Mamdoohi AR & Abraham M, *The role of walkability, socio-economic & parental cognitive characteristics in long walking journeys to school*, **Transportation Research Record: Journal of the Transportation Research Board**, July 2022 (ISI) ([link](#)).
61. Farzin I, Abbasi M & Mamdoohi AR, *An agent based simulation for destination choice of discretionary tours: Evidence from Qazvin, Iran*, **AUT Journal of Civil Engineering**, Vol. 6, No.1, pp. 51-62, March 2022 ([link](#)).
62. Farzin I, Abbasi M, Macioszek E, Mamdoohi AR & Ciari F, *Moving toward a more sustainable autonomous mobility, case of heterogeneity in preferences*, **Sustainability**, Vol. 15, No. 1, pp. 1-17, January 2023 (ISI) ([link](#)).
63. Karami A, Karami H, Mamdoohi AR & Allahviranlo M, *Pedestrian safety at urban intersections: lighting conditions is the question*, **International Journal of Crashworthiness**, Vol. 28, No. 6, pp. 750-759, October 2022 (ISI) ([link](#)).
64. Baghestani A, Tayarani M, Mamdoohi AR, Habibian M & Gao O, *Travel demand management implications during the Covid-19 Pandemic: the case study of Tehran*, **Sustainability**, Vol. 15, No. 2, pp. 1-14, January 2023 (ISI) ([link](#)).
65. Aboutorabi M, Abbasi M, Mamdoohi AR & Sierpiński G, *The role of attitude, travel-related & socioeconomic characteristics in modal shift to shared autonomous vehicles with ride-sharing*, **World Electric Vehicle Journal**, Vol. 14, No. 1, pp. 1-19, January 2023 (ISI) ([link](#)).
66. Abbasi M, Mamdoohi AR, Sierpiński G & Ciari F, *Usage intention of shared autonomous vehicles with dynamic ride sharing on long-distance trips, a generalized ordered logit model*, **Sustainability**, Vol. 15, No. 2, pp. 1-19, January 2023 (ISI) ([link](#)).
67. Mahpour A, Baghestani A, & Mamdoohi AR, *An exploration of heterogeneity in latent psychological variables on travelers' destination choice*, **Decision Analytics Journal**, Vol. 6, No. 100179, pp. 1-13, February 2023 (ISI) ([link](#)).
68. Baghestani A, Abbasi M, Rastegar S, Mamdoohi AR, Afaghpoor A & Saffarzadeh M, *Logistics village location with capacity planning problem, an MILP model approach*, **Sustainability**, Vol. 15, No. 5, pp. 1-14, March 2023 (ISI) ([link](#)).
69. Abbasi M, Mamdoohi AR & Arndt WH, *Modal shift behavior of car users to light rail transit, some evidence from the field*, **Transactions on Transport Sciences**, Vol. 14, No. 1, pp. 1-6, April 2023 (ISI) ([link](#)).
70. Sheikholeslami S, Saffarzadeh M, Mamdoohi AR & Asadamraji M, *How does a driver feel behind the wheel? An exploratory study of drivers' emotions & the effect of their socio-demographic background*, **Accident Analysis & Prevention**, Vol. 183, No. 106974, pp. 1-8, April 2023 (ISI) ([link](#)).
71. Mamdoohi AR, Fallahpour M, Abbasi M, & Zabihi M, *Private car ownership in presence of shared autonomous vehicles, case of Tehran*, **Transactions on Transport Sciences**, Vol. 14, No. 3, pp. 1-7, October 2023 (ISI) ([link](#)).
72. Aboutorabi M, Kamyab S, Mamdoohi AR & Sierpiński G, *What makes parents consider shared autonomous vehicles as a school travel mode?*, **Sustainability**, Vol. 15, No.23, pp. 1-18, November 2023 (ISI) ([link](#)).

73. Jahani T, Mamdoohi AR, Aghidi Kheirabadi S, Mehryar M & Ciari F, *Preferences for alternative fuel trucks among international transport companies*, **World**, Vol. 4, No. 4, pp. 795-815, November 2023 ([link](#)).
74. Farzin I, Mamdoohi AR, Abbasi MH, Baghestani A & Ciari F, *Determinants behind the acceptance of autonomous vehicles in mandatory and optional trips*, **Proceedings of the Institution of Civil Engineers - Engineering Sustainability**, Vol. 177, No. 3, pp. 174-184, June 2024 (ISI) ([link](#)).
75. Abdolmaleki M, Mamdoohi AR & Emami M, *Evaluation of Iran's rail freight transport efficiency using Data Envelopment Analysis*, **International Journal of Railway Research (IJRARE)**, Vol. 10, No. 2, pp. 61-70, November 2023 ([link](#)).
76. Mamdoohi AR, Irannezhad E, Rezaee H, Mirzahosseini H, & Jin X, *Duration-based or time-based congestion toll pricing?*, **TeMA- Journal of Land Use, Mobility & Environment**, Vol. 16, No. 3, pp. 499-522, March 2024 ([link](#)).
77. Mamdoohi AR, Saffarzadeh M, Taherpour A & Yazdanpanah M, *Impact of Metro on Modal Shares of Ground Access to IKIA and MIA*, **Social Science Research Network (SSRN)**, March 2023 ([link](#)).
78. Yazdanpanah M, Taherpour A, & Mamdoohi AR, *Air Travelers' Choice of an Airline for Tehran Multi-Airport Region*, **Social Science Research Network**, May 2023 ([link](#)).
79. Asgari L, Shahangian R & Mamdoohi AR, *A Joint mode change and mode choice decision under TDM policies- case of a copula approach*, **International Journal of Transportation Engineering**, Vol. 11, No. 3, pp. 1515-1531, January 2024 ([link](#)).
80. Aghidi S & Mamdoohi AR, *The influence of origin attributes on the destination choice of discretionary home-based walk trips*, **International Journal of Geo-Information**, Vol. 13, No. 7, pp. 1-20, June 2024 (ISI) ([link](#)).
81. Abbasi M, Mamdoohi AR, Ciari F & Sierpiński G., *An investigation of perceived risk dimensions in acceptability of shared autonomous vehicles, a mediation-moderation analysis*, **Scientific Reports**, Vol. 14, No. 23276, pp. 1-16, October 2024 (ISI) ([link](#)).
82. Fattahi A, Asadi M, Baghestani A, Habibian M & Mamdoohi AR, *Urban transportation measures and vaccination impact on the number of covid-19 infections: a before and after study*, **Transactions on Transport Sciences**, Vol. 3, pp. 48-59, October 2024 (Scopus) ([link](#)).
83. Farzin I, Mamdoohi AR & Ciari F, *Extension of an adoption model to evaluate autonomous vehicles acceptance*, **Scientia Iranica**, Vol. 31, No. 19, pp. 1779-1792, 2024 (ISI) ([link](#)).
84. Abutorabi M, Mamdoohi AR & Abbasi M, *Shared autonomous vehicle with pooled service, a modal shift approach*, **Scientia Iranica**, forthcoming (ISI) ([link](#)).
85. Emami M & Mamdoohi AR, *Covid-19 impact on rail and air modes: a SARIMA model of duration and severity, case of Iran*, **International Journal of Transportation Engineering**, Vol. 12, No. 2, pp. 1747-1761, October 2024 ([link](#)).
86. Hajibagheri F & Mamdoohi AR, *Travel time reliability of an urban bus route, a comparison of Autoregressive Integrated Moving Average (ARIMA) and Long Short-Term Memory (LSTM) approaches*, **Journal of Advances in Transportation Studies**, Vol. 64, No. 3, pp. 203-220, November 2024 (Scopus) ([link](#)).
87. Aghidi S & Mamdoohi AR, *Enhancing pedestrian trips in urban areas: a macro-level approach - a case study of Shiraz*, **International Journal of Transportation Engineering**, forthcoming ([link](#)).

88. Baghestani A, Shami S, Mamdoohi AR, Habibian M & Fowri H, *An impact assessment of cordon pricing relaxation on modal shift during the COVID-19 pandemic*, **Transportation Planning and Technology**, 2024 ([link](#)).

3-3 Peer-reviewed Domestic Journal Papers (Farsi)

1. Mamdoohi AR & Poorzahedy H, *Mode choice models for work trips; case study of Mashad*, **Journal of Plan & Development**, Vol. 3, No. 2, pp. 39-65, 2002 (Farsi) ([link](#)).
2. Mamdoohi AR, Kermanshah M & Poorzahedy H, *Modeling telecommuting adoption based on job tasks*, **Amirkabir Journal of Civil Engineering**, No. 59, Amirkabir University of Technology, Summer 2004 (Farsi) ([link](#)).
3. Mamdoohi AR & Hashemi M R, *Barriers to marketing strategies implementation: a classification & prioritization for Iran Khodro Company*, **Journal of Business Management**, Vol. 1, No. 1, pp. 119-134, Fall-Winter 2008 (Farsi) ([link](#)).
4. Mamdoohi AR, Shirgir B & Ebadi Z, *Traffic operation optimization of highways with ramp metering employing mathematical programming models*, **Journal of Transportation Engineering**, Vol. 1, No. 2, pp. 39-50, Spring 2010 (Farsi) ([link](#)).
5. Naseralavi S, Saffarzadeh M, Mamdoohi AR & Nadimi N, *Development of urgent deceleration safety indicator for opportune detection of rear-end collision*, **Journal of Transportation Engineering**, Vol. 1, No. 3, pp. 27-39, Spring 2010 (Farsi) ([link](#)).
6. Mamdoohi AR, Mahpur A & Dindar M, *Optimum number of connectors based on the proximity of assignment results to observed traffic counts, case study of Mashhad*, **Journal of Transportation Engineering**, Vol. 1, No. 4, pp. 87-98, Summer 2010 (Farsi) ([link](#)).
7. Sharifzadeganl M.H, Mamdoohi AR & Lavi M, *A P-median-model-based analysis of spatial inequality in accessibility to public health care intended for urban health development in Isfahan city*, **Social Welfare Quarterly**, Vol. 10, No. 37, pp. 265-285, Summer 2010 (Farsi) ([link](#)).
8. Mamdoohi AR, Mojtahed M & Alimoradi M, *Estimating telecommuting for a sample of government employees based on organizational characteristics*, **Journal of Management & Development Process**, No. 74, pp. 29-44, Winter 2010 (Farsi) ([link](#)).
9. Hashemi M R & Mamdoohi AR, *A cluster analysis of marketing strategies implementation barriers in the car manufacturing industry (case study: Iran Khodro Company)*, **Journal of Business Management**, Vol. 2, No. 6, pp. 165-186, Winter 2010 (Farsi) ([link](#)).
10. Hasanpur S, Saffarzadeh M & Mamdoohi AR, *Airport ranking based on the efficiency & level of service using AHP method*, **Modares Civil Engineering Journal**, Vol. 10, No. 4, pp. 33-46, Winter 2010 (Farsi) ([link](#)).
11. Jalali A, Alimoradi M, Mamdoohi AR & Mojtahedzadeh M, *Prioritizing fuel consumption management strategies & policies for urban transportation using Hasse design method*, **Journal of Planning & Budgeting**, Vol. 16, No. 1, pp. 75-96, Spring 2011 (Farsi) ([link](#)).
12. Naseralavi S, Saffarzadeh M, Nadimi N & Mamdoohi AR, *Applying time-to-collision to enhance coefficient of determination for GHR car following model in deceleration mode*, **Modares Civil Engineering Journal**, Vol. 11, No. 1, pp. 17-26, Spring 2011 (Farsi) ([link](#)).
13. Hasaninasab S, Saffarzadeh M, Mamdoohi AR, *A method for optimal transit route in a network of integrated bus & BRT*, **Journal of Transportation Engineering**, Vol. 2, No. 4, pp. 303-316, Summer 2011 (Farsi) ([link](#)).

14. Asadollahi R, Saffarzadeh M & Mamdoohi AR, *A model for bicycle route network design case: study of Qom city*, **Transportation Research Journal**, Vol. 8, No. 2, pp. 101-114, Summer 2011 (Farsi) ([link](#)).
15. Mamdoohi AR, Mahpur A & Masudi M, *An economic impact analysis of distance-learning as a transportation demand management strategy for educational trips*, **Sharif Journal of Civil Engineering**, Vol. 27-2, No. 3, pp. 17-22, December 2011 (Farsi) ([link](#)).
16. Jalali A, Mamdoohi AR, Alimoradi M & Mojtahed M, *Comparative analysis of fuel consumption management strategies in urban transportation*, **Sharif Journal of Civil Engineering**, Vol. 27-2, No. 3, pp. 41-51, December 2011 (Farsi) ([link](#)).
17. Mamdoohi AR, Taherpur H & Sobhani MS, *Measuring the effectiveness of marketing information systems by strategic approach*, **Journal of Management Message**, Beheshti University, Vol. 10, No. 8, pp. 79-91, Winter 2011 (Farsi) ([link](#)).
18. Mamdoohi AR & Barzegar A, *Demand diversion model for HOV lanes based on travelers' characteristics*, **Journal of Transportation Engineering**, Vol. 3, No. 2, pp. 143-157, Winter 2011 (Farsi) ([link](#)).
19. Mamdoohi AR, Mahpur A & Yusefikia M, *Minimum spanning tree concept development & its application in transportation network analysis*, **Modares Civil Engineering Journal**, Vol. 12, No. 2, pp. 61-69, Summer 2012 (Farsi) ([link](#)).
20. Mamdoohi AR & Kamyab S, *A method for selection of connector nodes to improve traffic assignment results; case of Mashad, Iran*, **Journal of Transportation Engineering**, Vol. 3, No. 3, pp. 259-270, Spring 2012 (Farsi) ([link](#)).
21. Ziari K, Eshghabadi F, Mamdoohi AR & Farhudi R, *Modeling of behavior patterns for work & service trips of residents of Tehran*, **Human Geography Research Quarterly**, Vol. 45, No. 1, pp. 1-22, Spring 2013 (Farsi) ([link](#)).
22. Lavi M & Mamdoohi AR, *A descriptive model for spatial accessibility to health care services employing two-step-floating-catchment-area (2SFCA) method: the case of region 10 of Esfahan Municipality*, **Human Geography Research Quarterly**, Vol. 44, No. 4, pp. 79-92, Winter 2012 (Farsi) ([link](#)).
23. Mamdoohi AR & Romok, M, *Estimating the population & employment in Tehran & suburbs on the base of land use models*, **Modiriyat Shahri**, Vol. 6, No. 20, pp. 119-144, Summer 2008 (Farsi) ([link](#)).
24. Mamdoohi AR & Ardeshiri A, *Artificial neural network model for telecommuting demand: a technique to decrease urban traffic*, **Modares Civil Engineering Journal**, Vol. 13, No. 2, pp. 149-159, Spring 2013 (Farsi) ([link](#)).
25. Mamdoohi AR, Masudi M, Mahpur A, Noruzoliaee MH & Puryari M, *Estimation of road capacity in case of disasters by incorporating simulation & bottleneck concepts*, **Journal of Transportation Engineering**, Vol. 4, No. 3, pp. 263-273, Spring 2013 (Farsi) ([link](#)).
26. Saffarzadeh M, Mamdoohi AR & Hasaninasab S, *Effect of variable demand in Bus Rapid Transit routing*, **Transportation Research Journal**, Vol. 10, No. 2, pp. 193-203, Summer 2013 (Farsi) ([link](#)).
27. Mamdoohi AR & Baghestani AH, *Transferability levels analysis of mode choice models (case study: Shopping Trips)*, **Journal of Transportation Engineering**, Vol. 5, No. 1, pp. 85-94, Fall 2013 (Farsi) ([link](#)).
28. Mamdoohi AR, Hazaveh A & Fallah M, *Aberrant driving behavior of Iranian drivers: an internet-based survey*, **Modares Civil Engineering Journal**, Vol. 14, No. 1, pp. 109-119, Summer 2014 (Farsi) ([link](#)).

29. Mamdoohi AR, Saffarzadeh M & Shojaat S, *A stochastic approach to freeway capacity estimation: Tehran-Karaj freeway case study*, **Modares Civil Engineering Journal**, Vol. 14, No. 2, pp. 143-153, Summer 2014 (Farsi) ([link](#)).
30. Dadashpour H, Mamdoohi AR & Afaghpour A, *Analysis of spatial organization in urban network based on air flows of people: empirical evidence for Iran*, **Human Geography Research Quarterly**, Vol. 46, No. 1, pp. 125-150, Spring 2014 (Farsi) ([link](#)).
31. Mamdoohi AR, Bazargani A, Saffarzadeh M & Norouzoliai MH, *A mathematical programming model development for optimal ramp metering: Shahid Hemmat Highway*, **Modares Civil Engineering Journal**, Vol. 14, Special Issue, pp. 147-158, Summer 2014 (Farsi) ([link](#)).
32. Mamdoohi AR & Amini V, *A quantitative analysis of gender impact on the propensity to travel by bike*, **Transportation Research Journal**, Vol. 11, No. 2, pp. 193-206, Winter 2014 (Farsi) ([link](#)).
33. Mamdoohi AR & Amini V, *An analysis of supply level impacts on cycling in work & education trips*, **Transportation Engineering Journal**, Vol. 6, No. 2, pp. 341-354, June 2015 (Farsi) ([link](#)).
34. Kamyab S & Mamdoohi AR, *An analysis of zone centroid location impact on traffic assignment results, case of Mashhad city*, **Transportation Engineering Journal**, Vol. 6, No. 4, pp. 641-652, Summer 2015 (Farsi) ([link](#)).
35. Mamdoohi AR, Mehdizadeh M & Fallahzavareh M, *A mode choice model of elementary school trips based on parental decisions*, **Transportation Engineering Journal**, Vol. 7, No. 1, pp. 167-178, Fall 2015 (Farsi) ([link](#)).
36. Mamdoohi AR & Mehdizadeh M, *Analysis of parental attitudes towards safety in student's school trips with emphasis on walking*, **Transportation Engineering Journal**, Vol. 7, No. 2, pp. 339-352, Winter 2015 (Farsi) ([link](#)).
37. Mamdoohi AR, Mahpur A, Rashidi T & Saffarzadeh M, *Identification of effective personal factors in attracting customers to shopping centers– case of Tehran*, **Journal of Business Management**, Vol. 8, No. 3, pp. 681-698, Fall 2016 (Farsi) ([link](#)).
38. Choupani A & Mamdoohi AR, *A method for population synthesis using mathematical programming for forecasting travel demand*, **Transportation Engineering Journal**, Vol. 7, No. 3, pp. 419-434, Spring 2016 (Farsi) ([link](#)).
39. Mamdoohi AR & Roshanaei SM, *Modeling urban trip chain pattern (case of three-trip tours of Qazvin citizens)*, **Transportation Engineering Journal**, Vol. 7, No. 4, pp. 653-663, Summer 2016 (Farsi) ([link](#)).
40. Mamdoohi AR & Seyedabrishami SE & Hoseini S, *Urban shopping activity duration modeling by nonparametric-parametric duration models, case of Qazvin city*, **Transportation Engineering Journal**, Vol. 8, No. 1, pp. 141-154, Fall 2016 (Farsi) ([link](#)).
41. Bashirinia M & Mamdoohi AR, *Effects of connector pattern on traffic assignment results; case study: Qazvin*, **Amirkabir Journal of Civil Engineering**, Vol. 49, No. 1, pp. 175-183, Spring 2017 (Farsi) ([link](#)).
42. Mamdoohi AR, Mahpour A, Rashidi T & Saffarzadeh, *Modeling integrated clothing shopping destination choice using structure equation models*, **Modares Civil Engineering Journal**, Vol. 17, No. 3, pp. 157-170, Summer 2017 (Farsi) ([link](#)).
43. Seyedabrishami SE & Khanzad I, Zarrinmehr A & Mamdoohi AR, *A heuristic method for public transportation network design using route generation algorithm*, **Transportation Engineering Journal**, Vol. 8, No. 4, pp. 643-656, Summer 2017 (Farsi) ([link](#)).

44. Mamdoohi AR & Mirmohammadi SA, *Mixed Logit model application in mode choice: case of Mashhad work trips*, **Amirkabir Journal of Civil Engineering**, Vol. 49, No. 3, pp. 151-160, Fall 2017 (Farsi) ([link](#)).
45. Mahpour A, Seyedabrishami S, Mamdoohi AR & Baghestani A, *Modeling intracity tours with work purpose using weighted multiple regressions*, **Amirkabir Journal of Civil Engineering**, Vol. 50, No. 1, pp. 139-148, 2018 (Farsi) ([link](#)).
46. Mahpour A, Mamdoohi AR, Hossein Rashidi T, Saffarzadeh M, *A hierarchical analysis of food court & parking impact on travel to shopping centers*, **Sharif Journal of Civil Engineering**, Vol. 34.2, No. 2.1, pp. 23-30, Summer 2018 (Farsi) ([link](#)).
47. Seyedabrishami SE, Mamdoohi AR & Fori H, *Impacts of congestion pricing & transit system improvement policies on car use for work trips to odd-even zone of Tehran*, **Sharif Journal of Civil Engineering**, Vol. 33, No. 2, pp. 13-23, winter 2018 (Farsi) ([link](#)).
48. Janjani A, Mamdoohi AR & Farjadi G, *Analysis of factors affecting trips (mandatory & optional) by metro: A case study of sadeghiyeh station*, **The Journal of Planning & Budgeting**, Vol. 21, No. 2, pp. 117-132, 2016 (Farsi) ([link](#)).
49. Mamdoohi AR & Ahmadipour F, *A structural & comparative analysis for various trip production models, case study of Qazvin educational trips*, **Modares Civil Engineering Journal**, Vol. 18, No. 2, pp. 1-12, Summer 2018 (Farsi) ([link](#)).
50. Mahpour A & Mamdoohi AR, *Application of structure equation models in trip behavior analysis of Tehran Bazar trip makers*, **Journal of Transportation Research**, Vol. 15, No. 3, pp. 1-13, Autumn 2018 (Farsi) ([link](#)).
51. Ahmadipour F & Mamdoohi AR, *A comparison of the performance of Poisson & multinomial logit models in spatial transferability (case of household work trips)*, **Human Geography Research Quarterly**, Vol. 50, No. 4, pp. 963-976, 2018 (Farsi) ([link](#)).
52. Mamdoohi AR, Shariat Mohaimeni A & Mehdizadeh M, *The joint role of distance & car ownership on children's school travel*, **Sharif Journal of Civil Engineering**, Vol. 34.2, No. 2.2, pp. 35-43, Summer 2018 (Farsi) ([link](#)).
53. Ahmadipour F & Mamdoohi AR, *A quantative & multi-aspect transferability analysis of ordered logit model for trip production between Qazvin & Eslamshahr Cities*, **Sharif Journal of Civil Engineering**, Vol. 35-2, No. 1/2, pp. 11-18, Spring 2019 (Farsi) ([link](#)).
54. Mehdizadeh M & Mamdoohi AR, *Role of parental risk perception & worry on independent trip of children to school*, **Sharif Journal of Civil Engineering**, Vol. 33.2, No. 3.2, pp. 75-83, Autumn 2017 (Farsi) ([link](#)).
55. Davoudi S, Mamdoohi AR & Fallah Zavareh M, *Impact of parents attitudes on their tendency towards their children walking to school*, **Sharif Journal of Civil Engineering**, Vol. 34.2, No. 1.1, pp. 97-106, Spring 2018 (Farsi) ([link](#)).
56. Ehteshamrad S, Saffarzadeh M, Mamdoohi AR & Saffarzadeh S, *An aggregate model for transit usage in commuting trips*, **Journal of Transportation Research**, Vol. 15, No. 1, pp. 59-67, Spring 2018 (Farsi) ([link](#)).
57. Jaleh A & Mamdoohi AR, *A structural equation model of elementary school services based on latent factors*, **Journal of Transportation Research**, Vol. 15, No. 1, pp. 241-256, Spring 2018 (Farsi) ([link](#)).
58. Farzin I & Mamdoohi AR, *Alternative non- systematic heterogeneity in destination, mode & simultaneous destination- mode choice (case of Qazvin shopping trips)*, **Journal of Transportation Research**, Vol. 15, No. 4, pp. 29-43, 2018 (Farsi) ([link](#)).

59. Bashirinia M & Mamdoohi AR, *Comparative analysis of deterministic & stochastic traffic assignment methods for estimating the actual traffic volume case of Qazvin City*, **Modares Civil Engineering journal**, Vol. 19, No. 2, pp. 27-39, 2019 (Farsi) ([link](#)).
60. Mehdizadeh M, Mamdoohi AR. *Role of parental environmental norms on use of car in elementary school trips, a quantitative analysis*. **Modares Civil Engineering journal**, Vol. 17, No. 6), pp. 221-231, 2018 (Farsi) ([link](#)).
61. Mahpour A & Mamdoohi AR, *Evaluating the effect of traffic assignment method on the accuracy of origin-destination matrix correction results in traffic fuzzy flow method*, **Journal of Transportation Research**, Vol. 16, No. 3, pp. 1-9, Autumn 2019 (Farsi) ([link](#)).
62. Mamdoohi AR, Delfan A & Alimoradi M, *Estimating bus travel time using survival models*, **The Journal of Planning & Budgeting**, Vol. 24, No. 3, pp. 111-132, Fall 2018 (Farsi) ([link](#)).
63. Farzin I, Abbasi M & Mamdoohi AR, *Socio-demographic factors impact on willingness to buy & use autonomous vehicles in Tehran*, **Traffic Management Studies**, Vol. 55, pp. 61-90, Winter 2020 (Farsi) ([link](#)).
64. Bahadori A, Mamdoohi AR & Sarkar A, *Driving speed modeling under different climate conditions (case of Tehran – Qom Freeway)*, **Journal of Transportation Research**, Vol. 17, No. 2, pp. 21-32, Summer 2020 (Farsi) ([link](#)).
65. Mohajerani S & Mamdoohi AR, *Modeling escorting school trips by employed parents based on latent variables*, **The Journal of Planning & Budgeting**, Vol. 24, No. 4, pp. 125-143, Winter 2020 (Farsi) ([link](#)).
66. Noori F, Mamdoohi AR & Farzin I, *The role of moderating variables on the relationships between attitude variables & level of acceptance of the new traffic plan in Tehran*, **Traffic Management Studies**, Vol. 58, pp. 37-70, Fall 2020 (Farsi) ([link](#)).
67. Mamdoohi AR, Noori F, Farzin I, *Identifying latent factors affecting congestion pricing acceptance, case study: Tehran peak-based scheme*, **Journal of Transportation Research**, Vol. 17, No. 4, pp. 97-112, 2020 (Farsi) ([link](#)).
68. Javadi Z, Babazadeh A & Mamdoohi AR, *Traffic cordon pricing model considering link capacity constraint*, **Transportation Engineering Journal**, Vol. 12, No. 2, pp. 377-397, Winter 2020 (Farsi) ([link](#)).
69. Farzin I & Mamdoohi AR, *Heterogeneity among individuals & alternatives in destination choice- case of shopping trips in Qazvin*, **Sharif Journal of Civil Engineering**, Vol. 36.2, No. 3.2, pp. 77-86, Fall 2020 (Farsi) ([link](#)).
70. Zarei H & Mamdoohi AR, *Quantitative evaluation of multimodal public transit equity for Metro, Bus & BRT, Case of Tehran metropolitan area*, **Journal of Transportation Research**, Vol. 18, No. 2, pp. 45-58, Summer 2021 (Farsi) ([link](#)).
71. Mahpour A & Mamdoohi AR, *Introducing a networks resiliency measuring index in the disaster situation by using developed minimum spanning tree concept*, **Traffic Management Studies**, Vol. 60, pp. 1-22, Spring 2021 (Farsi) ([link](#)).
72. Mamdoohi AR & Hamrang I, *Impact of congestion pricing policy change on mode choice: case of Tehran*, **Sharif Journal of Civil Engineering**, Vol. 37-2, No. 1-1, pp. 13-21, Spring 2021 (Farsi) ([link](#)).
73. Rezaei I, Irannezhad E & Mamdoohi AR, *Heterogeneity analysis of mode choice behavior using latent class model*, **Journal of Transportation Research**, Vol. 18, No. 3, pp. 61-74, Fall 2021 (Farsi) ([link](#)).

74. Farzin I & Mamdoohi AR, *Heterogeneity Heterogeneity across individuals in accepting Autonomous vehicles using Unified Theory of Acceptance & Use of Technology*, **Sharif Journal of Civil Engineering**, Vol. 37.2, No. 2.1, pp. 81-91, Summer 2020 (Farsi) ([link](#)).
75. Abbasi M, Farzin I & Mamdoohi AR, *Influential factors on walking choice in discretionary trips, case of heterogeneity in travel distance*, **Journal of Transportation Research**, Vol. 18, No. 4, pp. 71-84, Winter 2021 (Farsi) ([link](#)).
76. Mamdoohi AR, Mirzaei M & Abbasi M, *Effective factors in light rail transit modal shift of Tarbiat Modares University student's educational trips*, **Traffic Management Studies**, Vol. 62, pp. 1-36, Fall 2021 (Farsi) ([link](#)).
77. Mahdavi AR, Mamdoohi AR & Allahviranlo M, *Topology evaluation of Tehran subway network utilizing a bi-level mixed index for subway networks ranking*, **Amirkabir Journal of Civil Engineering**, Vol. 52, No. 12, pp. 3003-3014, Winter 2021 (Farsi) ([link](#)).
78. Gholi H, Mamdoohi AR & Babazadeh A, *Comparative analysis of logit-based stochastic traffic assignment models*, **Journal of Transportation Research**, Vol. 19, No. 1, pp. 89-110, Spring 2022 (Farsi) ([link](#)).
79. Mamdoohi AR, Shariati M, Nazemi M & Abbasi M, *Dynamic Modeling of Management Policies for Emergency Evacuation*, **Journal of Transportation Research**, Vol. 19, No. 2, pp. 135-148, January 2021 (Farsi) ([link](#)).
80. Mamdoohi AR, Mirzaei M & Abbasi M, *Investigating the effect of transportation system on urban land use, Evidence from Tehran*, **Traffic Management Studies**, Vol. 64, pp. 31-62, May 2022 (Farsi) ([link](#)).
81. Gholi H, Mamdoohi AR & Babazadeh A, *An application of stochastic user equilibrium assignment in the origin-destination matrix estimation*, **Sharif Journal of Civil Engineering**, Vol. 38.2, No. 1.1, pp. 99-108, June 2022 (Farsi) ([link](#)).
82. Shami S & Mamdoohi AR, *An effectiveness analysis of Tehran peak-based traffic scheme, a travel behavior model*, **Journal of Transportation Research**, Vol. 19, No. 3, pp. 149-164, Fall 2022 (Farsi) ([link](#)).
83. Dehghani D, Dadashpoor H & Mamdoohi AR, *Analysis of accessibility of settlement & activity system to transport network with spatial equity approach: case study Tehran Metropolitan Region (TMR)*, **Journal of Research & Urban Planning**, Vol. 13, No. 48, pp. 17-36, May 2022 (Farsi) ([link](#)).
84. Farzin I & Mamdoohi AR, *Acceptance of Autonomous Vehicles using a combination of UTAUT & DOI*, **Amirkabir Journal of Civil Engineering**, Vol. 53, No. 8, pp. 3847-3866, October 2021 (Farsi) ([link](#)).
85. Mahdavi A, Mamdoohi AR & Allahviranlo M, *A fuzzy approach for designing of subway lines, case study: development of the Tehran subway network*, **Amirkabir Journal of Civil Engineering**, Vol. 53, No. 9, pp. 3847-3866, December 2021 (Farsi) ([link](#)).
86. Barati M, Fallahzavareh M & Mamdoohi AR, *Association between route walkability measures & children's walking to school*, **Amirkabir Journal of Civil Engineering**, Vol. 53, No. 10 pp. 4253-4278, January 2022 (Farsi) ([link](#)).
87. Mamdoohi AR, Nasiri S & Abbasi M, *Time of Day model, a different approach to identify effective factors in mode choice, evidence from Mashhad*, **Amirkabir Journal of Civil Engineering**, Vol. 53, No. 11 pp. 4599-4612, January 2022 (Farsi) ([link](#)).
88. Kheiri A & Mamdoohi AR, *Modeling factors affecting utility to use internet taxi under Covid-19*, **Sharif Journal of Civil Engineering**, Vol. 38.2, No. 2.2, pp. 55-65, September 2022 (Farsi) ([link](#)).

89. Esmaeilzadeh SR & Mamdoohi AR, *Behavioral modeling of the impact of internet taxis on car dependency*, **Sharif Journal of Civil Engineering**, Vol. 38.2, No. 2.2, pp. 67-77, September 2022 (Farsi) ([link](#)).
90. Kamiyab S Mamdoohi AR & Firuzi I, *A regret based model for choosing the mode of children's school trip by parents, case study: Kerman*, **Journal of Transportation Research** Vol. 19, No. 4, pp. 47-60, November 2022 (Farsi) ([link](#)).
91. Mamdoohi AR, Rezaei H, Irannezhad E, Saffarzadeh A & Abbasi M, *Hour & period based congestion pricing, case of Tehran mode choice*, **Transportation Engineering Journal**, Vol. 14, No. 1, pp. 2233-2247, October 2022 (Farsi) ([link](#)).
92. Fattahi A, Asadi M, Baghestani A, Habibian M & Mamdoohi AR, *Investigating the effect of transportation system on urban land use, Evidence from Tehran*, **Traffic Management Studies**, Vol. 66, pp. 63-98, October 2022 (Farsi) ([link](#)).
93. Dehghani D, Dadashpoor H & Mamdoohi AR, *A systematic review of the theoretical literature on the relationship between accessibility & spatial justice*, **Urban Planning Knowledge**, Vol. 6, No. 3, pp. 1-22, December 2022 (Farsi) ([link](#)).
94. Kanaani S & Mamdoohi AR, *Identification of some sources of heterogeneity in value of travel time of Tehran LEZ users*, **Amirkabir Journal of Civil Engineering**, Vol. 54, No. 11 pp. 4101-4118, January 2023 (Farsi) ([link](#)).
95. Farzin I & Mamdoohi AR, *Role of perceived risk in development of unified theory of acceptance & use of technology in acceptance of autonomous vehicles*, **Journal of Transportation Research** Vol. 20, No. 1, pp. 109-120, February 2023 (Farsi) ([link](#)).
96. Mamdoohi AR, Khavari F & Abbasi M, *Comparative study and identification of effective factors in interurban mandatory trip generation*, **Journal of Transportation Research** Vol. 20, No. 2, pp. 115-128, April 2023 (Farsi) ([link](#)).
97. Abbasi M, Mamdoohi AR & Aboutorabi M, *Does generation difference affect intention to use shared autonomous vehicles? Case of mandatory trips*, **Traffic Management Studies**, Vol. 18, No.1, pp. 97-130, May 2023 (Farsi) ([link](#)).
98. Asadi M, Fattahi A, Baghestani A, Habibian M & Mamdoohi AR, *Evaluating travel demand management strategies in the point of transportation experts*, **Traffic Management Studies**, Vol. 18, No.3, pp. 59-88, November 2023 (Farsi) ([link](#)).
99. Kamyab S & Mamdoohi AR, *Which parents are able to comment on using autonomous vehicles for their child's school trip? (a case study of Kerman city)*, **Sharif Journal of Civil Engineering**, Vol. 39.2, No. 4, pp. 43-51, March 2024 (Farsi) ([link](#)).
100. Alimohammadi M, Mamdoohi AR & Emami M, *Maximum duration model for using bike-sharing systems: a case study of Tehran City*, **Road Journal**, Vol. 32, No. 118, pp. 27-40, March 2024 (Farsi) ([link](#)).
101. Shami S & Mamdoohi AR, *Identifying not sensitive users to changing congestion pricing scheme, a case study of Tehran period-based congestion pricing*, **Traffic Management Studies**, Vol. 19, No.1 (72), pp. 41-64, May 2024 (Farsi) ([link](#)).
102. Rahmani A & Mamdoohi AR, *Scenario creation of shared autonomous vehicles penetration rate, a quantitative environmental analysis*, **Sharif Journal of Civil Engineering**, forthcoming (Farsi) ([link](#)).
103. Rahmani A & Mamdoohi AR, *Performance evaluation of signalized intersections with an intelligent control approach - a case study in the pollution control zone of Tehran*, **Road Journal**, Vol. 32, No. 120, pp. 65-78, Fall 2024 (Farsi) ([link](#)).

104. Nateghi M, Shami S & Mamdoohi AR, *A prediction of vehicles entering the traffic cordons, using machine learning, case of Tehran*, **Road Journal**, Vol. 32, No. 121, pp. 39-50, Fall 2024 (Farsi) ([link](#)).
105. Rahmani A & Mamdoohi AR, *A performance analysis of shared trips, a comparative study of autonomous vehicles*, **Transportation Engineering Journal**, forthcoming (Farsi) ([link](#)).

3-4 Peer-reviewed Domestic Journal Papers (Farsi Tarviji)

1. Kermanshah M & Mamdoohi AR, *Role of telecommunications in urban travel behavior*, **Civil Engineering Dept Research Articles**, Sharif University of Technology, pp. 171-182, 1998 (Farsi).
2. Kermanshah M & Mamdoohi AR, *Models of traffic information use & preferred arrival time at work*, **Civil Engineering Dept Research Articles**, Sharif University of Technology, pp. 107-119, 1999 (Farsi).
3. Mamdoohi AR & Romook M, *Estimation of population & employment for Tehran & suburbs based on land use models*, **Urban Management**, Vol. 3, No. 11-12, pp. 119-134, Winter 2003 (Farsi) ([link](#)).
4. Kermanshah M, Poorzahedy H & Mamdoohi AR, *Estimation of telecommuting demand function for different jobs*, **Civil Engineering Dept Research Articles**, Sharif University of Technology, pp. 179-190, 2003 (Farsi).
5. Mamdoohi AR & Mahpur A, *Analyzing the effect of number of iterations on incremental traffic assignment results accuracy: case study of mashhad*, **Journal of Traffic Engineering**, Vol. 11, No. 44, pp. 45-52, Fall 2010 (Farsi) ([link](#)).
6. Asadollahi R, Saffarzadeh M & Mamdoohi AR, *Comparative study to evaluate indicators measuring cycling feasibility of the roads*, **Journal of Traffic Engineering**, Vol. 11, No. 45, pp. 5-12, Winter 2010 (Farsi) ([link](#)).
7. Zarinkia M, Adresi M, Saffarzadeh M & Mamdoohi AR, *NGSIM data as an efficient tool in traffic flow simulation & its applications*, **Rahvar**, Vol. 8, No. 14, pp. 65-77, Summer 2011 (Farsi) ([link](#)).
8. Mamdoohi AR, Mahpur A & Mahpur A, *Development of incremental traffic assignment algorithm based on variable number of step size: case study of Mashhad*, **Journal of Traffic Engineering**, Vol. 12, No. 47, pp. 31-37, Winter 2011 (Farsi) ([link](#)).
9. Mamdoohi AR, Kamyab S & Mahpur A, *The effect of zone size on traffic assignment results, case study of Mashhad*, **Journal of Traffic Engineering**, Vol. 13, No. 48, pp. 12-18, Spring 2012 (Farsi) ([link](#)).
10. Saffarzadeh M, Seif MR, Mamdoohi AR & Fallah M, *Speed-density model development based on local volume data: case of Tehran-Qom freeway*, **Traffic Management Studies**, Vol. 7, No. 25, pp. 1-34, Summer 2012 (Farsi) ([link](#)).
11. Noruzoliaee MH, Mamdoohi AR, Saffarzadeh M & Hazaveh A, *Sensitivity analysis of road network performance to simultaneous changes of supply & demand in case of disaster*, **Traffic Management Studies**, Vol. 7, No. 26, pp. 15-30, Fall 2012 (Farsi) ([link](#)).
12. Mamdoohi AR, Bazargani A & Saffarzadeh M, *A heuristic method for the estimation of travel demand matrix coefficients in ramp-metering optimization models*, **Journal of Traffic Engineering**, Vol. 13, No. 51, pp. 19-24, Winter 2012 (Farsi) ([link](#)).
13. Mamdoohi AR & Mirmohammadi A, *application of discrete choice models in forecasting number of air trips: case study of Tehran Imam Khomeini Airport*, **Transportation Technology**, Vol. 7, No. 18, pp. 1-8, Spring & Summer 2012 (Farsi) ([link](#)).

14. Mamdoohi AR, Mahpur A & Mahpur A, *Analysis of classic traffic assignment techniques & their results in urban areas*, **Traffic Management Studies**, Vol. 8, No. 28, pp. 105-126, Spring 2013 (Farsi) ([link](#)).
15. Naseralavi S, Saffarzadeh M, Mamdoohi AR & Nadimi N, *Simulation & its application in traffic studies: car following model*, **Rahvar**, Vol. 8, No. 15, pp. 59-74, Fall 2011 (Farsi) ([link](#)).
16. Mamdoohi AR, Omrani H, Mahpur A & Baghestani A, *Activity selection model for mandatory & discretionary activities share*, **Traffic Management Studies**, Vol. 10, No. 36, pp. 1-14, Spring 2015 (Farsi) ([link](#)).
17. Mamdoohi AR, Mahpur A, Yusefikia M & Hazaveh M, *Link prioritization of Tehran province arterials*, **Traffic Management Studies**, Vol. 9, No. 35, pp. 1-14, Winter 2015 (Farsi) ([link](#)).
18. Mahdavi A & Mamdoohi AR, *Sensitivity analysis of traffic characteristics vs changing traffic volume for traffic light & intelligent traffic light- case of Mahan Street in Karaj City*, **Road**, Vol. 27, No. 98, pp. 133-144, 2019 (Farsi) ([link](#)).
19. Mamdoohi AR, Yazdanpanah M, Kazemzadeh S, Abbasi E & Kabiri S, *Development of a linear programming model for optimum budget allocation to the accident-prone points of rural roads*, **Rahvar**, Vol. 1394, No. 31, pp. 79-96, 2015 (Farsi) ([link](#)).
20. Mamdoohi AR & Soltani N, *Modeling the behavior of drivers in the face of pavement destruction*, **Rahvar**, Vol. 1395, No. 18, pp. 75-92, 2016 (Farsi) ([link](#)).
21. Rahmani N & Mamdoohi AR, *An investigation on the influence of sidewalks in pedestrian accidents*, **Traffic Management Studies Quarterly of Traffic police Faculty**, Vol. 1396, No. 46, pp. 27-40, 2018 (Farsi) ([link](#)).
22. Mamdoohi AR, Hosseini A & Alenoori H, *Identification & prioritization of pedestrian crossing from citizens' perspective*, **Journal of Traffic Engineering**, Vol. 74, pp. 69-75, Fall 2018 (Farsi) ([link](#)).
23. Sadeghi Y, Saffarzadeh M, Asadamraji M & Mamdoohi AR, *A prioritization of educational syllabi for heavy vehicle drivers professional training*, **Journal of Traffic Engineering**, Vol. 76, pp. 40-52, Spring 2019 (Farsi) ([link](#)).
24. Mamdoohi AR, Khatibi A & Hosseini S, *An optimization model of emergency services for disasters considering fleet size- case of Qazvin City*, **Journal of Traffic Engineering**, Vol. 79, pp. 81-88, Winter 2020 (Farsi) ([link](#)).
25. Seyedabrishami S, Mamdoohi AR & Purtalebi V, *Modeling mode choice behavior of Tehran citizens under simultaneous demand management policies*, **Journal of Traffic Engineering**, Vol. 57, pp. 22-31, Summer 2014 (Farsi) ([link](#)).
26. Sefidgari M & Mamdoohi AR, *An estimation of perceived congestion for metro users- case of lines 1, 2 & 4 of Tehran City Metro*, **Journal of Traffic Engineering**, Vol. 81, pp. 49-54, Summer 2020 (Farsi) ([link](#)).
27. Kanaani S & Mamdoohi AR, *An estimation of travel time value for users of Tehran congestion pricing zone*, **Journal of Traffic Engineering**, Vol. 57, pp. 22-31, Summer 2014 (Farsi) ([link](#)).
28. Mamdoohi AR & MohamadiHezaveh A, *Sensitivity analysis of mode shares to travel time- case of Mashad City*, **Journal of Traffic Engineering**, Vol. 90, pp. 22-31, Summer 2021 (Farsi) ([link](#)).

3-5 Peer-reviewed International Conference Papers (English)

1. Mamdoohi AR, *Modeling home-service trips for the city of Tehran*, **Logistics Research Network 2003** Conference Proceedings, Cass Business School, City University, London, England, September 2003.

2. Mamdoohi AR & Kermanshah M, *Information & telecommunication technology based development: telecommuting feasibility*, **E-Governance: Challenges & Opportunities for Democracy, Administration & Law**, IIAS 26th International Congress of Administrative Sciences, Seoul, South Korea, July 2004.
3. Mamdoohi AR & Kermanshah M, *Telecommuting demand function for different jobs*, **2005 Logistics Research Network Annual Conference**, University of Plymouth, Plymouth, England, September 2005.
4. Mamdoohi AR, Asgary A, SharifZadegan MH & Ebrahimi A, *Applying SDSS using the technique of CA to urban planning & management: the case of SirJan city*, **The International Conference on Problem Solving Strategies & Techniques**, Tehran, November 2006.
5. Mamdoohi AR, *Telecommuting & commute trip behavior for a sample of government employees in Tehran*, **The 12th International Conference on Travel Behaviour Research**, International Association for Travel Behaviour Research (IATBR), Jaipur, India, December 2009.
6. Seyedabrishami S, Mamdoohi AR, Barzegar A & Hasanpour S, *Impact of carpooling on fuel saving in urban transportation: case study of Tehran*, **The 15th Meeting of the EURO Working Group on Transportation**, Paris, France, September 2012 ([link](#)).
7. Shabani Verki H, Mamdoohi AR & Saffarzadeh M, *Stochastic planning approach in airport passenger terminals*, **2013 International Conference on Traffic & Transportation Engineering (ICTTE 2013)**, Malé, Maldives, February 2013.
8. Shabani Verki H, Mamdoohi AR & Saffarzadeh M, *Airport passenger terminals capacity planning (case study: IKIA & MIA)*, **ATRS World Conference 2013**, Bergamo, Italy, 26-29 June 2013.
9. Mamdoohi AR, Taherpour A & Yazdanpanah M, *Multinomial logit modeling of access mode choice to airport using stated preference survey data: a case study of IKIA*, **ATRS World Conference 2013**, Bergamo, Italy, 26-29 June 2013.
10. Nordfjærn T, Mohamadi AH & Mamdoohi AR, *An analysis of driver behaviour among domestic & expatriate Iranians*, **2013 International Conference on Driver Behaviour & Training**, Helsinki, Finland, 19-20 August 2013.
11. Simsekoglu Ö, Nordfjærn T, Zavareh MF, Mohamadi AH & Mamdoohi AR & Rundmo T, *Risk perceptions, fatalism & driver behaviours in Turkey & Iran*, **2013 International Conference on Driver Behaviour & Training**, Helsinki, Finland, 19-20 August 2013.
12. Mamdoohi AR, Nazari F & Noruzoliaee M, *An investigation of human factors impact on Tehran urban crash severity*, **The 3rd International Conference on Traffic & Transportation Engineering (ICTTE 2014)**, Lisbon, Portugal, April 2014 ([link](#)).
13. Yousefikia M, Mamdoohi AR, Moridpour S, Noruzoliaee M & Mahpour AR, *A study on the generalized TFlowFuzzy O-D estimation*, **The 36th Australasian Transport Research Forum 2013 Proceedings**, Brisbane, Australia, 2-4 October 2013.
14. Fallah Zavareh M, Mamdoohi AR, Hassani A, & Nordfjærn T, *Calibration of drivers perceived level of risk in an uninterrupted traffic facility: an experimental study*, **The 27th Workshop International Cooperation on Theories & Concepts in Traffic Safety (ICTCT)**, Karlsruhe, Germany, October 2014.
15. Khanzad I, Seyedabrishami S, Zarinmehr A & Mamdoohi AR, *Expanding route generation algorithm for transit network design using a heuristic method*, **The 18th Meeting of the EURO Working Group on Transportation**, TUDelft, Delft, Netherlands, July 2015.

16. Baghestani AH, Mamdoohi AR, Seyedabrishami SE & Mahpour A, *A transferability study of mode choice models in terms of structure & parameters*, **The 95th Annual Meeting of the Transportation Research Board**, Washington D.C., Jan 2016.
17. Shojat S, Mamdoohi AR, Saffarzadeh M & Parr SA, *A new parametric model for freeway capacity based on stochastic approach: case of an Iranian freeway*, **The 95th Annual Meeting of the Transportation Research Board**, Washington D.C., Jan 2016 ([link](#)).
18. Baghestani AH, Mamdoohi AR, Mahpour A & Salem A, *Mode choice models transferability: a bayesian update for two cities in Iran*, **The 5th International Conference on Traffic & Transportation Engineering (ICTTE 2016)**, Lucerne, Switzerland, July 2016 ([link](#)).
19. Mamdoohi AR & Famili S, *Modeling of university commuters' route switching behavior: case study of Tehran*, **International Conference on Transportation (ICTR)**, Xianning, China, December 4-6, 2013.
20. Mamdoohi AR, Yousefikia, M & Mahpour AR, *Increasing minimum spanning tree estimation precision; implemented for Tehran province*, **Advances in Civil Engineering & Building Materials**, Taylor & Francis Group, pp. 879-882, London, 2013 ([link](#)).
21. Choupani A & Mamdoohi AR, *Tabular rounding in iterative proportional fitting for population synthesis in activity-based models*, **The 94th Annual Meeting of the Transportation Research Board**, Washington D.C., Jan 2015.
22. Mamdoohi AR, Axhausen K, Mahpour AR & Rashidi T, *Are there latent effects in shopping destination choice? Survey methods & response behavior*, **The 16th Swiss Transport Research Conference**, Ascona, ay 2016 ([link](#)).
23. Soltani M, Seyedabrishami S, Mamdoohi AR & Aliyari V, *Driver risk assessment model considering trip characteristics using insurance data system*, **World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS 2016)**, Prague, Czeck Republic, June 2016 ([link](#)).
24. Hosseini S, Hosseini Taleghani N & Mamdoohi AR, *Analysis of age effects on shopping activity duration: case study of Qazvin City (Iran)*, **World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS 2016)**, Prague, Czeck Republic, June 2016 ([link1](#)) ([link2](#)).
25. Soltani N & Mamdoohi AR, *A model of driver behaviour in response to road roughness: a case study of Yazd arterials*, **World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS 2016)**, Prague, Czeck Republic, June 2016 ([link1](#)) ([link2](#)).
26. Hosseini Shabjare A & Mamdoohi AR, *Identification of effective factors on pedestrian crossing behavior*, **The 96th Annual Meeting of the Transportation Research Board**, Washington D.C., Jan 2017 ([link](#)).
27. Mohamadi AH, Nordfjærn T, Mamdoohi AR & Simsekoglu Ö, *Predictors of crash among Iranian drivers; an exploratory analysis of developed driver behavior questionnaire*, **The 96th Annual Meeting of the Transportation Research Board**, Washington D.C., Jan 2017 ([link](#)).
28. Mamdoohi AR, Farzin I & Gholi H, *Integrated TOD & urban land use planning: evidence from Kashan, Iran*, **REAL CORP 2017**, Vienna, Austria, 12-14 Sep 2017 ([link](#)).
29. Mamdoohi AR & Naqavi F, *Mode choice model for the elderly: case of Mashhad*, **REAL CORP 2017**, Vienna, Austria, 12-14 Sep 2017 ([link](#)).
30. Mahpour AR, Mamdoohi AR, Hossein Rashidi T & Saffarzadeh M, *Is travelers' destination choice sensitive to latent variables? A comparison between clothing & grocery shoppers*, **The**

97th Annual Meeting of the Transportation Research Board, Washington D.C., Jan 2018 ([link](#)).

31. Mehdizadeh M, Mamdoohi AR, *Active school travel: how important is taste heterogeneity?*, **The 98th Annual Meeting of the Transportation Research Board**, Washington D.C., Jan 2019.
32. Mahpour AR, Mamdoohi AR & Hakimelahi A, *A heuristic technique for traffic assignment with variable step size & number of iterations*, **World Conference on Transport Research 2019**, pp. 2569-2579, Mumbai, 2019 ([link](#)).
33. Mamdoohi AR & Amini V, *A bicycle demand model for a sample of Tehran, Iran*, **The 18th Meeting of the EURO Working Group on Transportation**, TUDelft, Delft, Netherlands, July 2015 ([link](#)).
34. Bakhtiari A, Patwary A, Ciari F, Mamdoohi AR, Moeini A, Hajebrاهيمي A, *A proposed approach to enhance electric vehicle charging behavior: addressing range anxiety with a novel penalty function*, **The 104th Annual Meeting of the Transportation Research Board**, Washington D.C., Jan 2025.

3-6 Peer-reviewed Domestic Conference Papers (Farsi)

1. Mamdoohi AR, *Modeling telecommuting as an urban transportation demand management strategy*, **Policies & Management of Growth & Development Programs in Iran**, Conference Proceedings, Institute for Management & Planning Studies, Tehran, Iran, March 2004 (Farsi).
2. Mamdoohi AR, Vakili A & Alimoradi M, *Development of a mathematical model for wheat storage facilities location problem*, **Policies & Management of Growth & Development Programs in Iran**, Conference Proceedings, Institute for Management & Planning Studies, Tehran, Iran, March 2004 (Farsi).
3. Mamdoohi AR & Alimoradi M, *Hinterland modeling of the southern ports of Iran*, **Policies & Management of Growth & Development Programs in Iran**, Conference Proceedings, Institute for Management & Planning Studies, Tehran, Iran, March 2004 (Farsi).
4. Mamdoohi AR, *Modeling for increasing the share of Tehran-Karaj rail transit*, **The 1st National Civil Engineering Congress**, Sharif University of Technology, Tehran, Iran, April 2004 (Farsi).
5. Mamdoohi AR & Kermanshah M, *Role of telecommuting in transportation demand management: modeling telecommuting adoption*, **The 1st National Civil Engineering Congress**, Sharif University of Technology, Tehran, Iran, April 2004 (Farsi).
6. Mamdoohi AR, *Identification & prioritization of characteristics affecting the share of Tehran-Karaj rail transit*, **The 7th Conference on Rail Transport**, Sharif University of Technology, Tehran, Iran, February 2004 (Farsi).
7. Mamdoohi AR, Vakili A & Alimoradi M, *Modeling the nation-wide cost function of wheat transportation*, **Role of the Transportation Industry in the Economy of Iran**, Conference Proceedings, University of Mazandaran, Babolsar, Iran, May 2005 (Farsi).
8. Mamdoohi AR, *Role of information & telecommunication technology in transportation demand management: telecommuting strategy*, **Post, IT & Their Role in Reducing Urban Travel Demand**, Conference Proceedings, Municipality of Isfahan, Isfahan, Iran, May 2005 (Farsi).
9. Ranaeefar F, Mohagheghzadeh R & Mamdoohi AR, *Computer simulation modeling for optimizing the transportation system of Khuzestan Steel Company*, **The 2nd National Logistics & Supply Chain Conference**, Conference Proceedings, Tehran, Iran, November 2006 (Farsi).

10. Shafahi Y, Mamdoohi AR & Afroogh N, *Modeling train type choice applying multinomial logit*, **The 8th Conference on Rail Transport**, Conference Proceedings, Tehran, Iran, November 2006 (Farsi).
11. EshghAbadi F & Mamdoohi AR, *Evaluation & comparison of four scenarios of garin-lowry land use models: the case of Tehran metropolitan area*, **Urban Planning & Management**, Conference Proceedings, Mashad, Iran, March 2007 (Farsi).
12. EshghAbadi F, Mamdoohi AR & SharifZadegan M H, *Modeling dynamic Garin-Lowry model for Tehran metropolitan area*, **The 3rd National Civil Engineering Congress**, Conference Proceedings, Tabriz University, Tabriz, Iran, May 2007 (Farsi).
13. Kermanshah M, Mamdoohi AR & Ardeshiri A, *Modeling telecommuting adoption applying artificial neural networks*, **The 3rd National Civil Engineering Congress**, Conference Proceedings, Tabriz University, Tabriz, Iran, May 2007 (Farsi).
14. Mamdoohi AR & Sobhani M S, *Impact analysis of marketing information systems on strategic marketing planning effectiveness: the case of in Iranian Banks*, **The 2nd International Marketing Management Conference**, Tehran, Iran, February 2008 (Farsi).
15. Mamdoohi AR & Hashemi M R, *Identification & prioritization of marketing strategy implementation barriers based on a conceptual classification: the case of Iran Khodro Company*, **The 2nd International Marketing Management Conference**, Tehran, Iran, February 2008 (Farsi).
16. Mamdoohi AR & Naseralavi S, *Urban transportation management in supply & demand sides: case of teleworking*, **The Novel Ideas in Urban Management Conference**, Tehran, Iran, December 2008 (Farsi).
17. Mamdoohi AR & Hashemi M R, *Marketing strategies: clustering of implementation barriers in Iran Khodro Company*, **The 3rd International Marketing Management Conference**, Tehran, Iran, February 2009 (Farsi).
18. Fatahi M, Mamdoohi AR, Farzaneh G & Moslemi M, *Some findings of cng station location comprehensive plan of Iran*, **The 1st National CNG Conference**, Tehran, Iran, August 2008 (Farsi).
19. Mamdoohi AR & Famian S, *Telecenter location problem model with mathematical programming: the case of Dubai*, **The 8th Iranian Conference on Traffic & Transportation Engineering**, Tehran, Iran, April 2008 (Farsi).
20. Mamdoohi AR & Koochi H, *Work trip demand estimation process when telecommuting is implemented*, **The 9th Iranian Conference on Traffic & Transportation Engineering**, Tehran, Iran, April 2009 (Farsi).
21. Mamdoohi AR, Shirgir B, Ebadi Z & Naseralavi S, *A simulation analysis of ramp metering impact on highway traffic flow: the case of Sadr Highway*, **The 9th Iranian Conference on Traffic & Transportation Engineering**, Tehran, Iran, April 2009 (Farsi).
22. Mamdoohi AR & Ardeshiri A, *Telework estimation using a 3-level generalization process to compensate for incomplete data*, **The 8th National Civil Engineering Congress**, Conference Proceedings, Shiraz University, Shiraz, Iran, April 2009 (Farsi).
23. Shahangian R, Kermanshah M & Mamdoohi AR, *The impact of teleworking feasibility from supervisors' view point on their employees' tendency*, **The 8th National Civil Engineering Congress**, Conference Proceedings, Shiraz University, Shiraz, Iran, April 2009 (Farsi).
24. Naseralavi S, Saffarzadeh M, Mamdoohi AR & Nadimi N, *Evaluation & validation of traffic operations simulation*, **The 2nd International Safety & Traffic Conference**, Tehran, Iran, January 2010 (Farsi).

25. Mahpur A & Mamdoohi AR, *A comparative study of metro & monorail based on capacity & efficiency criteria*, **The 12th International Railway Transportation Conference**, Iranian Association of Rail Transport Engineering, Iran, October 2010 (Farsi).
26. Naseralavi S, Saffarzadeh M, Mamdoohi AR & Nadimi N, *Role of traffic flow simulation in urban health: traffic safety*, **The 10th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, November 2010 (Farsi).
27. Zarinkia M, Saffarzadeh M, Mamdoohi AR & Adresi M, *Analysis of lane changing behavior on freeways using NGSIM data*, **The 4th Regional traffic management conference**, Tehran, Iran, April 2011 (Farsi).
28. Naseralavi S, Saffarzadeh M & Mamdoohi AR, Nadimi N, *Simulation & its application in traffic studies: car following model*, **The 4th Regional Conference on Traffic Management**, Tehran, Iran, April 2011 (Farsi).
29. Mamdoohi AR & Noruzoliaee MH, *Role of separating links on the performance of arterial road network at time of disaster*, **Disaster Management Conference**, Isfahan, Iran, December 2011 (Farsi).
30. Mamdoohi AR, Mahpur A & Masudi M, *An economic impact analysis of distance-learning as a transportation demand management strategy for educational trips*, **The 1st Conference on Economic Dimensions of Urban Transportation**, Tehran, Iran, December 2011 (Farsi).
31. Jalali A, Mamdoohi AR, Alimoradi M & Mojtahed M, *Comparative analysis of fuel consumption management strategies in urban transportation*, **The 1st Conference on Economic Dimensions of Urban Transportation**, Tehran, Iran, December 2011 (Farsi).
32. Lavi M & Mamdoohi AR, *Improving pedestrian accessibility to public health care, case study of region 10 Isfahan municipality*, **International Conference of The City, Pedestrian Life**, Conference Proceedings, Tehran, Iran, March 2012 (Farsi).
33. Mamdoohi AR, Saffarzadeh M, Taherpour A & Yazdanpanah M, *Impact of metro on modal shares of ground access to IKIA & MIA*, **The 11th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2012 (Farsi).
34. Mamdoohi AR, Taherpour A & Ghadermazi E, *Introduction & analysis of a new curve parameters for road curvatures*, **The 9th National Civil Engineering Congress**, Isfahan University of Technology, Isfahan, Iran, May 2012 (Farsi).
35. Amini V & Mamdoohi AR, , *Sensitivity analysis of bicycle use applying binary logit model*, **The 13th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2013 (Farsi).
36. Mamdoohi AR & Baghestani AH, *An analysis of two-sided transferability of mode choice models (case study: Mashhad & Shiraz cities)*, **The 13th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2013 (Farsi).
37. Mahdizadeh M, Mamdoohi AR & Falah M, *A mode choice model for elementary school trips based on cultural variables (a case study)*, **The 13th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2013 (Farsi).
38. Sedabrishami SE, Mamdoohi AR & Fowri HR, , *Investigating the role of congestion pricing & transit development in commuters' mode choice behavior; case study of Tehran even-odd zone*, **The 13th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2013 (Farsi).
39. Shabani H, Mamdoohi AR & Saffarzadeh M, *Planning under uncertainty in airport passenger terminals (case of MIA)*, **The 7th National Civil Engineering Congress**, Isfahan University of Technology, Isfahan, Iran, May 2013 (Farsi).

40. Mahdizadeh M, Mamdoohi AR & Falah M, *Identification of school bus service use factors, case of Rasht city*, **The 8th National Civil Engineering Congress**, Isfahan University of Technology, Nushirvani Industrial University, Babol, Iran, May 2014 (Farsi).
41. Mamdoohi AR & Ahmadipour F, *An analysis of factors in shopping trip production using discrete choice models*, **The 14th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2015 (Farsi).
42. Mehdizadeh M, Mamdoohi AR, Fallah Zavreh M & Nordfjaern T, *Effect of parental attitudes towards walking in children walking to schools*, **The 14th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2015.
43. Seyedabrishami SE, Khanzad I, Zarrinmehr A & Mamdoohi AR, *A heuristic method for transit network line design*, **The 14th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2015 (Farsi).
44. Mamdoohi AR & Hosseini S, *A parametric model for shopping duration by gender, case of Qazvin city*, **The 2nd National Conference on Applied Research in Civil Engineering, Architecture & Urban Management**, Tehran, Iran, March 2015 (Farsi).
45. Choopani A & Mamdoohi AR, *A method for urban population synthesis for activity based models of trip demand estimation*, **The National Conference on Urban Planning, Urban Management & Sustainable Development**, Tehran, Iran, March 2015.
46. Seyedabrishami SE, Mamdoohi AR & Poortalebi V, *Modeling the effect of demand management on mode choice behavior by combining revealed & stated preferences data in Tehran*, **The 14th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2015 (Farsi).
47. Fallah Zavreh M & Mamdoohi AR, *VMS message impact on driver behavior & safety improvement, case of Tehran-Saveh freeway*, **The 1st National Road ITS Congress**, Tehran, Iran, February 2015 (Farsi).
48. Mamdoohi AR, Hosseini S & Roshanaei S, *Mode choice model for shopping trips, case of Qazvin city*, **The 10th International Congress on Civil Engineering**, Tabriz, Iran, May 2015 (Farsi).
49. Ahmadipour F & Mamdoohi AR, *A comparative study of linear & Poisson regression models for Qazvin citizens educational trip production*, **International Conference on Civil Engineering, Architecture & Urban Infrastructure**, July 2015, Tabriz, Iran (Farsi).
50. Mamdoohi AR & Farzin I, *Comparison & assessment of joint trip destination & mode choice models, case of Qazvin shopping trips*, **Annual Conference on Research in Civil Engineering, Architecture & Stable Environment**, Tehran, Iran, December 2015 (Farsi).
51. Mamdoohi AR & Farzin I, *Application of heteroscedastic extreme value models in trip destination choice, case of Qazvin shopping trips*, **The 3rd International Congress On Civil, Architecture & Urban Development**, Tehran, Iran, December 2015 (Farsi).
52. Mehdizadeh M, Mamdoohi AR & Shariat A, *A model for parent psycho-cognitive characteristics impact on the use of private car in primary school trips*, **The 15th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2016 (Farsi).
53. Mehdizadeh M, Mamdoohi AR & Rajabi Bahaabadi M, *A model of effective priorities on clean transportation for sustainable development of educational trips*, **The 15th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2016 (Farsi).
54. Mamdoohi AR, Hosseini A, Alenouri H, *Identification & prioritization of factors affecting the choice of pedestrian facilities from the citizen perspective*, **The 15th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2016 (Farsi).

55. Shayegan M, Mamdoohi AR & Masoumi H, *A comparative study of car ownership in Mashhad & Koln cities using linear regression model*, **International Conference on Urban, Civil & Architecture Engineering**, Tehran, Iran, June 2016 (Farsi).
56. Shayegan M, Mamdoohi AR & Masoumi H, *Effective factors on car ownership, case of Mashhad & Isfahan*, **The 3rd National Conference on Advanced Technology in Civil Engineering, Architecture & Urban Planning**, Tehran, Iran, September 2016 (Farsi).
57. Mamdoohi AR & Naqavi F, *A binary logit model for the elderly mode choice, case of Mashhad*, **The 4th International Congress on Civil, Architecture & Urban Development**, Tehran, Iran, December 2016 (Farsi).
58. Naqavi F, Mamdoohi AR & Attarpour M, *Effective factors on mode choice of the elderly recreational trips, case of Mashhad*, **The 3rd National Conference on Advanced Technology in Civil Engineering, Architecture & Urban Planning**, Tehran, Iran, September 2016 (Farsi).
59. Mamdoohi AR & Naqavi F, *Mode choice of the elderly; statistical analysis of Mashhad sample*, **The 4th International Congress on Civil, Architecture & Urban Development**, Tehran, Iran, December 2016 (Farsi).
60. Mamdoohi AR & Jaleh A, *A binary logit model of parents' decision on mode choice of children's school trips, case of Mashhad*, **The 4th International Congress on Civil, Architecture & Urban Development**, Tehran, Iran, December 2016 (Farsi).
61. Mamdoohi AR & Jaleh A, *Statistical analysis of elementary school trips mode, case of Mashhad*, **The 4th International Congress on Civil, Architecture & Urban Development**, Tehran, Iran, December 2016 (Farsi).
62. Hosseini A & Mamdoohi AR, *Effective factors on pedestrian crossing undesignated sections*, **The 4th International Congress on Civil, Architecture & Urban Development**, Tehran, Iran, December 2016 (Farsi).
63. Mamdoohi AR & Farzin I, *Integrated transportation planning & urban & regional development, introducing some international examples*, **The 2nd Rail-Based Urban Development Conference**, Tehran, Iran, January 2016 (Farsi).
64. Mamdoohi AR, Goharpour A & Hefzollah R, *Application of traffic count devices in transportation demand estimation*, **The 2nd Iran Road ITS Congress**, Tehran, Iran, January 2016 (Farsi).
65. Mamdoohi AR, Omrani H & Nafar MR, *TTC & headway critical threshold in intelligent accident warning systems, case of Qom-Kashan highway*, **The 2nd Iran Road ITS Congress**, Tehran, Iran, January 2016 (Farsi).
66. Mamdoohi AR, Khatibi S & Hoseini S, *Scheduling model for aid system in disasters considering fleet capacity, case of Qazvin city*, **The 16th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2017 (Farsi).
67. Hoseini S, Mamdoohi AR & Hoseini Taleghani N, *Analysis of age effects on shopping activity duration- case of Qazvin city*, **The 16th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2017 (Farsi).
68. Sadeghi Ghomi Y, Saffarzadeh M, Asadamraji M & Mamdoohi AR, *Prioritization of vocational skills for heavy vehicle drivers*, **The 16th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2017 (Farsi).
69. Hosseini S, Mamdoohi AR, Seyedabrishami SE & Hosseini Taleghani N, *Application of discrete choice models approach in modeling of shopping activity duration; case study: Qazvin*

city, **The 17th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2018 (Farsi).

70. Farahpoor M, Saffarzadeh M & Mamdoohi AR, *The effects of heavy vehicles on speeding violations in suburban roads of Tehran province*, **The 17th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2018 (Farsi).
71. Mahdavi AR & Mamdoohi AR, *Comparison of linear regression model & ANFIS model for prediction of arbitrary trip attraction case study Qazvin city*, **The 17th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2018 (Farsi).
72. Omrani H, Mamdoohi AR, Farzin I & Soltani N, *The role of effective attitude & behavioral factors on mode choice for the elderly*, **The 17th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2018 (Farsi).
73. Firouzi I & Mamdoohi AR, *What does parental risk & worry perception role on the school travel?*, **The 17th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2018 (Farsi).
74. Khvari F & Mamdoohi AR, *Comparison of intercity travel production models of linear regression & Tobit for shopping trips & personal affairs*, **The 17th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2018 (Farsi).
75. Sefidgari M & Mamdoohi AR, *Estimation of perceived crowding of subway users - case study of subway 1, 2, & 4 in Tehran*, **The 18th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2020 (Farsi).
76. Kanaani S & Mamdoohi AR, *Estimation of value of travel time- case of Tehran congestion pricing zone*, **The 18th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2020 (Farsi).
77. Mamdoohi AR, Roozbahani M & Gholi H, *Evaluation of passengers' perception of service quality of bus rapid transit (case study in the lines 1 & 7 of bus rapid transit of Tehran City)*, **The 18th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2020 (Farsi).
78. Rahmani M, Smaniotto Costa C & Mamdoohi A R, *Evaluation of transit oriented development state of the art*, **The 18th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2020 (Farsi).
79. Rahmani M, Smaniotto Costa C & Mamdoohi A R, *Selection of a suitable method for evaluation of Transit Oriented Development (TOD)*, **The 18th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2020 (Farsi).
80. Kanaani S & Mamdoohi AR, *Identification of factors affecting stated value of travel time for Tehran traffic cordon users*, **The 12th National Congress of Civil Engineering**, Sahand University of Technology, Tabriz, Iran, May 2020 (Farsi).
81. Hanifi M A, Shahangian R & Mamdoohi AR, *The effect of attitudes on mode change behavior, Tehran citizens case study*, **The 16th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2017 (Farsi).
82. Firouzi I & Mamdoohi AR, *Role of attitudes in high school students' walking to school, case study of Kerman*, **The 16th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2017 (Farsi).
83. Gholipour S & Mamdoohi AR, *A quantitative analysis of human-oriented transportation: determination of effective variables for developing use of public transportation*, **The 16th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2017 (Farsi).

84. Javadi Z, Babazadeh A & Mamdoohi AR, *Traffic cordon pricing considering link capacity constraint*, **The 17th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, February 2018 (Farsi).
85. Kheiri A, Mamdoohi AR & Esmailzadeh R, *A model for internet taxi demand change under Covid 19 situation*, **The 7th International congress on civil engineering, architecture & urban development**, March 2021 (Farsi).
86. Mahpour A, Mamdoohi AR & Saffarzadeh M, *Transportation network resiliency in case of disaster using minimum spanning tree*, **The 1st National Conference on Resilience of Civil Infrastructures**, December 2017 (Farsi).
87. Esmailzadeh R, Mamdoohi AR & Kheiri A, *Factors impacting internet taxi demand in case of Covid-19*, **The 10th National conference on civil engineering, architecture & urban development**, March 2021 (Farsi).
88. Mahdavi AR, Razani R & Mamdoohi AR, *A dynamic & stochastic mathematical programming model for simulation & optimization of Iran rail freight*, **The 7th international conference on recent advances in railway engineering**, May 2021 (Farsi).
89. Rahmani A & Mamdoohi AR, *Shared Autonomous Vehicles effect on vehicle-km traveled (VKT) A case study of Tehran city*, **The 19th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, March 2023 (Farsi).
90. Esmaeilzadeh S & Mamdoohi AR, *Modeling the effects of Internet taxis on car dependency under Covid-19, focusing on the study a big city & a small city*, **The 19th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, March 2023 (Farsi).
91. Mahdavi A, Shami S & Mamdoohi AR, *An effect model of the Tehran air pollution control zone pricing on changing the travel behavior of users*, **The 19th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, March 2023 (Farsi).
92. Sheikholeslami S, Saffarzadeh M, Mamdoohi AR & Mahmoudabadi M, *A study on emotional structure of a driver in real driving context*, **The 19th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, March 2023 (Farsi).
93. Omrani H, Mamdoohi AR & Jafarinasab S, *Shopping trip mode choice: How is taste variation of people?*, **The 19th International Conference on Traffic & Transportation Engineering**, Tehran, Iran, March 2023 (English).
94. Abdolmaleki A, Mamdoohi AR & Nazari S, *An estimation & comparison of rail freight transportation efficiency in Iran & some selected countries*, **The 8th international conference on recent advances in railway engineering**, May 2023 (Farsi).
95. Kordizadeh H & Mamdoohi AR, *Urban network configuration optimization using bi-level algorithm to reduce congestion*, **The 14th National Congress of Civil Engineering**, June 2024 (Farsi) ([link](#)).
96. Emami M & Mamdoohi AR, *Factors impacting number of pedestrian injuries using Poisson regression model*, **The The 22nd national conference on urban planning, architecture, construction and environment**, March 2024 (Farsi) ([link](#)).
97. Mahdavi A, Mamdoohi AR & Allahviranloo M, *Application of a mathematical programming model for Tehran metro development*, **The 6th international conference on recent advances in railway engineering**, June 2019 (Farsi) ([link](#)).

4 Dissertations & Theses

1. Mamdoohi AR, *Role of Telecommuting in Transportation Demand Management: Theoretical Foundations & Applied Models*, PhD Dissertation, Civil Engineering Dept, **Sharif University of Technology**, Tehran, Iran, 2005.
2. Mamdoohi AR, *Mode Choice Modeling for the City of Mashad*, MS Thesis, Transportation Planning Group, **Institute for Management & Planning Studies**, Tehran, Iran, 1996.
3. Mamdoohi AR, *Flight Control Hydraulic Systems*, B.S. Thesis, Mechanical Engineering Dept, **Sharif University of Technology**, Tehran, Iran, 1989.

4-1 PhD dissertations supervised

1. Falah M, *A Method for Smart Messaging on Variable Message Signs based on Behavioral Theory*, PhD Dissertation, Highway & Transportation Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, Aug 2014.
2. Chupani A, *An integerization method in iterative proportional fitting process for urban transportation demand estimation*, PhD Dissertation, Highway & Transportation Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, Aug 2015.
3. Mahpur A, *Activity location choice model in activity based transportation planning approach*, PhD Dissertation, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, March 2017.
4. Bashirinia M, *A development of the concept of zone centroid & connector for traffic assignment models*, PhD Dissertation, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 17 April 2019.
5. Farzin I, *Heterogeneity in autonomous vehicle acceptance emphasizing latent variables*, PhD Dissertation, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 13 Oct 2021.
6. Kamyab S, *Modeling SAV choice as children's school trip mode*, PhD Dissertation, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 19 Sep 2023.
7. Gholi H, *A behavioral approach to dynamic travel demand matrix estimation*, PhD Dissertation, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 17 Nov 2021.
8. Ahmadipour F, *Daily walking mobility model development focusing on attitude & built environment characteristics*, PhD Dissertation, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 13 Feb 2024.
9. Abbasi M, *Development of a behavioral model of autonomous taxis acceptability*, PhD Dissertation, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 13 Sep 2023 ([link](#)).
10. Aghidi S, *Development of destination choice models for pedestrian trips*, PhD Dissertation, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, current.
11. Imami M, *Development of a behavioral model of inter-city mode choice*, PhD Dissertation, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, current.

12. Shami S, *Choice behavior model development with machine learning, case of congestion pricing*, PhD Dissertation, Transportation Planning Department, Civil & Environmental Engineering Faculty, Tarbiat Modares University, current.

Tarahan Parseh Transportation Research Institute

13. Omrani H, *An integrated model of simultaneous mode & destination choice for discretionary activity (shopping center) using Hybrid Choice Models (HCM)*, PhD Dissertation, Tarahan Parseh Transportation Research Institute, joint with Transportation Planning Department, Civil & Environmental Engineering Faculty, Tarbiat Modares University, 7 March 2022.

4-2 PhD dissertations co-supervised

1. Naseralavi S, *A Development of Safety Assessment Model based on Driver Behavior using Traffic Micro Simulation*, PhD Dissertation, Highway & Transportation Department, Civil & Environmental Engineering Faculty, Tarbiat Modares University, 2011.
2. Hasaninasab S, *Integrated Transit Network Design Model Development*, PhD Dissertation, Highway & Transportation Department, Civil & Environmental Engineering Faculty, Tarbiat Modares University, 2012.
3. Eshghabadi F, *Mutual Effects of Land Use & Transportation in Urban Planning of Tehran*, PhD Dissertation, Geography & Urban Planning Department, Geography Faculty, Tehran University, 2012.
4. Mirbaha B, *Route guidance system targeting optimization considering user equilibrium conditions*, PhD Dissertation, Highway & Transportation Department, Civil & Environmental Engineering Faculty, Tarbiat Modares University, 2013.
5. EhteshamRad S, *Joint choice behavior analysis of parents' work trips & children's school trips*, PhD Dissertation, Transportation Planning Department, Civil & Environmental Engineering Faculty, Tarbiat Modares University, Oct 2018.
6. Sheikholeslami S, *A crowd sensing & computing in motion conceptual framework for driving style discrimination & behavior change*, PhD Dissertation, Transportation Planning Department, Civil & Environmental Engineering Faculty, Tarbiat Modares University, 2023.

Vienna University of Technology (TUW)

7. Aminian M, *Sustainable transport development, case study of Tehran, Iran*, PhD Dissertation, Institute of Transportation, Research Center of Transport Planning & Traffic Engineering, Vienna University of Technology (TUW), current.

Polytechnique Montreal (PM)

8. Bakhtiari A, *Agent-based simulation of electric vehicles; new charging logic and charger location allocation approach*, PhD Dissertation, Department of Civil, Geological & Mining Engineering, Polytechnique Montreal, Montreal, Canada, current.
9. Hassan R, *Teleworking as a Travel Demand Management tool: an assessment through behavioral models and agent-based simulations*, PhD Dissertation, Department of Civil, Geological & Mining Engineering, Polytechnique Montreal, Montreal, Canada, current.

4-3 MS theses supervised

Tarbiat Modares University

1. Bazargani A, *A Linear Programming Model Development for Ramp Metering Optimization*, MS Thesis, Highway & Transportation Department, Civil & Environmental Engineering Faculty, Tarbiat Modares University, Jul 2011.

2. Mahpur A, *Traffic Assignment Model For Metropolitan Areas: The Case of Mashad City*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, Dec 2011.
3. Olyae M, *Analysis of Optimization Approaches to Intercity Road Network Performance in case of Disasters*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, Feb 2012.
4. Masudi M, *Role of Tele-Education in Transportation Demand Management: The Case of Mashad City*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, Mar 2012.
5. Yusefikia M, *OD Trip Matrix Estimation Using TFlowFuzzy Method: The case study of Mashad City*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, Jun 2012.
6. Barzegar A, *A travel Demand Model for HOV lanes: The Case of Mashad City*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, Sep 2012.
7. Kamyab S, *Zoning Characteristics Impact on Traffic Assignment results: The Case of Mashad City*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, Jan 2013.
8. Mirmohammadi A, *Mixed Logit Application to Mode Choice: The Case of Mashad City*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, Mar 2013.
9. Mohammadi Hazaveh A, *Identification of Aberrant Driver Behavior for Iranian Professional Intercity Drivers*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, Mar 2013.
10. Shariati M, *Emergency evacuation planning of urban transportation networks using management policies*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, Sep 2013.
11. Baghestani A, *Analysis of spatial transferability of mode choice models for urban trips*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, Oct 2013.
12. Amini V, *A model for bicycle travel demand: case study of Tehran*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, Dec 2013.
13. Mahdizadeh M, *Elementary school trip mode choice model: case of Rasht city*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, Dec 2014.
14. Roshanaee M, *A discrete choice model for urban trip patterns: case of Qazvin city*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 27 Jan 2015.
15. Hosseini S, *A model for daily activity duration of urban trips: case of Qazvin city*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 3 Feb 2015.
16. Rahmani M, *Modeling the impact of transportation variables on land use pattern: case of Tehran city*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 3 Feb 2015.

17. Davoudi S, *Mode choice model for elementary school student trips (case study of Mashhad)*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, Tarbiat Modares University, Sep 2015.
18. Farzin I, *Comparison & evaluation of sequential & simultaneous destination & mode choice of trips (case study: shopping trips in Qazvin)*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, Tarbiat Modares University, 2 Feb 2016.
19. Ahmadipour F, *Spatial transferability of discrete choice trip generation models*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, Tarbiat Modares University, 3 Feb 2016.
20. Mousavi S, *Analysis of spatial transferability of mode choice models at mathematical model structure level*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, Tarbiat Modares University, 3 Feb 2016.
21. Shayegan M, *A Comparative Study of Car Ownership (Case Study : Mashad ,Esfahan & Cologne)*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, Tarbiat Modares University, 14 Sep 2016.
22. Naqavi F, *Mode choice model for the elderly: case of Mashhad*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, Tarbiat Modares University, 2 Jan 2017.
23. Jaleh A, *A comparative study of discrete choice & SEM approaches to elementary school trips, case of Mashhad*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, Tarbiat Modares University, 1 Feb 2017.
24. Hoseini A, *Modeling factors affecting the behavior of pedestrians in the selection of approach crossing*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, Tarbiat Modares University, 1 Feb 2017.
25. Jandari A, *Temporal transferability of mode choice models (case study: Mashhad)*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, Tarbiat Modares University, 6 Feb 2017.
26. Gholipour S, *A quantitative analisys of human-oriented transportation indices*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, Tarbiat Modares University, 4 Feb 2018.
27. Khavari F, *A comparative study of urban & inter urban trip generation models*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, Tarbiat Modares University, 7 Mar 2018.
28. Nasiri S, *An assessment of time of day model in urban transportation planning sysytems*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, Tarbiat Modares University, 1 Jul 2018.
29. Mirzaei M, *A model of mode shift to light rail transit, case of educational trips*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, Tarbiat Modares University, 16 Sep, 2018.
30. Rouzbahani M, *An assessment of factors impact on public transit serviec quality for mandatory trips*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, Tarbiat Modares University, 16 Sep, 2018.
31. Khosravi A, *An analytical model for individual dynamic travel behavior based on mobility biography*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, Tarbiat Modares University, 6 Nov 2018.

32. Mahdavi AR, *Evaluation & development model of urban rail network of Tehran metropolitan area*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 3 Feb 2019.
33. Hamrang E, *A mode shift model under congestion pricing*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 3 Feb 2019.
34. Rezaee H, *Effect of odd-even zone pricing on mode choice*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 16 Sep 2019.
35. Pirooznia A, *Model evaluation of odd-even zone pricing scenarios on mode choice*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 21 Dec 2019.
36. Sefidgari M, *A model for Metro congestion effects on its selection*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 21 Dec 2019.
37. Rezvani AR, *A model for developing Tehran metro network*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 26 Jan 2020.
38. Bahrami V, *Metro system development effects on car ownership & car use*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 20 Dec 2020.
39. Kheiri A, *A model for internet taxi demand*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 3 Feb 2021.
40. Esmaeilzadeh R, *Impact of internet taxi on private car dependency*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 5 Jul 2021.
41. Moghadasi R, *The Second-Ring Evaluation Model of Traffic Planning in Terms of Public Acceptance*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 16 Oct 2021.
42. Fallahpour M R, *Impact of SAV (shared autonomous vehicle) on car ownership*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 29 Jan 2022.
43. Aboutorabi M, *Shared autonomous vehicle choice model, case of Tehran*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 10 May 2022.
44. Hajibagheri F, *Travel Time Reliability Model for Urban Bus Lines Using Automatic Vehicle Location Data*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 13 Sep 2022.
45. Rahmani A, *A quantitative evaluation of the impact of Shared Autonomous Vehicle on the performance of the road network – case of Tehran air pollution control area*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 2 July 2023.
46. Abdolmaleki M, *Evaluation of Iran rail freight transport productivity using data envelopment analysis*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 2 July 2023.

47. Alimohammadi MJ, *A bicycle choice model for intra city trips, case of shared bikes*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 2 July 2023.
 48. Sanati Monfared E, *Impact of built environment on walking to transit stations*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 17 Sep 2023.
 49. Farhudi N, *The effect of establishing Qazvin Logistics Village on the share of railways in freight*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, current.
 50. Gharedaghi A, *Modeling the role of safety in autonomous vehicles choice*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, current.
 51. Rustae Z, *Factors affecting women's walking trips: a case study of non-work trips in Shiraz*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 8 July 2024.
 52. Kordizadeh H, *Optimizing the configuration of urban streets in order to reduce congestion*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 1 Feb 2025.
 53. Nateghi M, *Electric vehicle charging station pricing, agent-based approach*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, current.
 54. Aghababayee B, *An agent-based model for electric vehicle charging station location*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, current.
 55. Kazemzadeh E, *A cordon pricing model for Kerman City*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 1 Feb 2025.
 56. Mohammadi M, *A transferability analysis of volume-delay functions (case study: Metropolises of Iran)*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, current.
 57. Khorrami B, *A choice model of shared autonomous vans, case of educational trips of Tehran*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, current.
- Sharif University of Technology*
58. Ardeshiri A, *Telecommuting Adoption Modeling using Artificial Neural Networks*, MS Thesis, Transportation Planning Department, Civil Engineering Faculty, *Sharif University of Technology*, 2007.
 59. Shahangian RS, *The effect of Telecommuting Feasibility from Managers' point of view on Employees' Propensity to Telecommute*, MS Thesis, Transportation Planning Department, Civil Engineering Faculty, *Sharif University of Technology*, 2007.
- Institute for Management & Planning Studies*
60. SeyedHashemi Tooloon MR, *Identification & Prioritization of Marketing Strategy Implementation Barriers in Iran Khodro Company*, MS Thesis, Business Management Department, *Institute for Management & Planning Studies*, 2007.

61. Famian SR, *Modeling the Location Problem of TeleCenters with Mathematical Programming: the Case of Dubai*, MS Thesis, Industrial Management Department, *Institute for Management & Planning Studies*, 2007.
62. Firouzi I, *Mode choice modeling for elementary & high school trips: Case of Kerman*, MS Thesis, Transportation Planning Department, *Institute for Management & Planning Studies*, 7 Sep 2016.
63. Janjani A, *Identifying indices of transit oriented development & modeling effective factors on the use of Metro (Case Study of Tehran)*, MS Thesis, Transportation Planning Department, *Institute for Management & Planning Studies*, 8 Sep 2016.
64. Zarei H, *An Assessment of equity indexes for urban public transit (Case Study of Tehran metropolis)*, MS Thesis, Transportation Planning Department, *Institute for Management & Planning Studies*, 8 Sep 2016.
65. Delfanazari A, *Application of servival models for estimating bus transit travel time (Case Study of Tehran)*, MS Thesis, Transportation Planning Department, *Institute for Management & Planning Studies*, 15 Sep 2018.
66. Mohajerani S, *A discrete choice model for escorting school students considering latent variables (Case Study of Tehran)*, MS Thesis, Transportation Planning Department, *Institute for Management & Planning Studies*, 15 Sep 2018.
67. Kanaani S, *Value of travel time analysis for second ring area users (pollution area)*, MS Thesis, Transportation Planning Department, *Institute for Management & Planning Studies*, 22 Sep 2019.
68. Noori F, *Modeling traffic pricing scheme acceptance- case of Tehran*, MS Thesis, Transportation Planning Department, *Institute for Management & Planning Studies*, 22 Sep 2019.
69. Shami S, *Effectiveness of Tehran pricing scheme from users' travel behavior perspective*, MS Thesis, Transportation Planning Department, *Institute for Management & Planning Studies*, Feb 2020.
70. Ramezanipoor Sh, *Travel mode change using mobility biographies & key events: migration case study*, MS Thesis, Transportation Planning Department, *Institute for Management & Planning Studies*, 5 Aug 2021.
71. Haghverdi F, *An impact assessment of pricing on mode shift of low emission zone users*, MS Thesis, Transportation Planning Department, *Institute for Management & Planning Studies*, 5 Aug 2021.
72. Ghasemi M, *A behavioral model for examining ride-sourcing usage in Tehran*, MS Thesis, Transportation Planning Department, *Institute for Management & Planning Studies*, 7 Aug 2021.
73. Jahani T, *Modeling alternative fuel vehicle choice behavior: case of land freight transportation*, MS Thesis, Transportation Planning Department, *Institute for Management & Planning Studies*, 27 Feb 2022.

Islamic Azad University- Science & Resaech Branch

74. Shabani Verki H, *Airport passenger terminal capacity modeling:case of IKIA & MIA*, MS Thesis, Transportation Planning Department, Civil Engineering Dept, *Islamic Azad University- Science & Resaech Branch*, 2013.

75. Feyzi A, *Developing a behavioral model of gap acceptance for pedestrians, while crossing street*, MS Thesis, Transportation Planning Department, Civil Engineering Dept, *Islamic Azad University- Science & Resaech Branch*, 2015.
76. Islami Z, *Destination choice model for shopping trips: case of Qazvin city*, MS Thesis, Transportation Planning Department, Civil Engineering Dept, *Islamic Azad University- Science & Resaech Branch*, 2016.
77. Bahadori A, *Prediction of short-term traffic of interurban roadways using Kalman Filter*, MS Thesis, Transportation Planning Department, Civil Engineering Dept, *Islamic Azad University- Science & Resaech Branch*, 2019.
78. Moosavi M, *Analysing abberant driving behavior of expatriate iranain drivers*, MS Thesis, Transportation Planning Department, Civil Engineering Dept, *Islamic Azad University- Science & Resaech Branch*, current.
79. Pezeshki B, *A new scenario for managing congestion charging scheme in Tehran*, MS Thesis, Transportation Planning Department, Civil Engineering Dept, *Islamic Azad University- Science & Resaech Branch*, 2019.
80. Abdolahi H, *Comparative study of mode choice factors using time of day (TOD) approach-case of Shiraz*, MS Thesis, Transportation Planning Department, Engineering Faculty, *Islamic Azad University- Malard Branch*, 16 Feb 2022.

Islamic Azad University- South Branch

81. Taherpour A, *Airport ground access mode choice model:case of IKIA & MIA*, MS Thesis, Transportation Planning Department, Civil Engineering Dept, *Islamic Azad University- South Branch*, 2012.
82. Shojaat S, *A Stochastic Model for Highway Capacity & its Applications at times of Disaster*, MS Thesis, Transportation Planning Department, Civil Engineering Dept, *Islamic Azad University- South Branch*, 2012.

Amin Traffic Police University

83. Ramani N, *Investigating the impact of sidewalks on pedestrian accidents, case of Broojen city, from 2012 to 2015*, MS Thesis, *Amin Police University*, 2017.
84. Yaghubpur R, *Investigating the effectiveness of pedestrian crossing equipment on their safety*, MS Thesis, *Amin Police University*, 2018.
85. Nikukar Y, *Impact of unilateral urban facilities on traffic, case of Fardis city*, MS Thesis, *Amin Police University*, 2019.

4-4 MS theses co-supervised

Tarbiat Modares University

1. Hasanpur S, *An Airport Classification Model Based on Efficiency & Level of Services*, MS Thesis, Highway & Transportation Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 2009.
2. Zarinkia SM, *Driver Behavioral Model of Lane Changing on Freeways*, MS Thesis, Highway & Transportation Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 2010.
3. Seif M, *Iranian Highway Driving Behavior Differences from HCM Standards*, MS Thesis, Highway & Transportation Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 2010.

4. Nadimi N, *A Conceptual Development of Traffic Flow Safety Index based on Non-Accident Data*, MS Thesis, Highway & Transportation Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 2010.
5. Farrokhnia N, *Highway traffic calming using traffic micro simulation: case of Niayesh highway*, MS Thesis, Industrial Engineering Department, Engineering & Technology Faculty, *Tarbiat Modares University*, 2011.
6. Afaghpur A, *Analysis of spatial structure & organization in Iran urban system using flows analysis*, MS Thesis, Urban & Regional Planning Department, Faculty of Art, *Tarbiat Modares University*, 2012.
7. Dehghani A, *An ITS Architectural Model for Disaster Management Services of Rural Roads*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 2012.
8. Tafti E, *An Urban Rail Transportation Demand Model for Metropolitan Areas: Case of Karaj City*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 2012.
9. Zademusa A, *Ramp pricing for demand of freeway on ramps to increase freeway capacity*, MS Thesis, Highway & Transportation Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 2012.
10. Meshkani N, *A model for car ownership annual tax estimation*, MS Thesis, Highway & Transportation Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 2013.
11. Famili S, *A model for university commuters' route choice behavior*, MS Thesis, Highway & Transportation Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 2013.
12. Nazemi M, *Dynamic traffic assignment model, case study of Mashhad*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 2013.
13. Nazari F, *Simultaneous travel demand prediction models for interurban surface trips*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 2013.
14. Fori H, *An analysis of the role of congestion pricing & transit development on users mode choice behavior*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 2013.
15. Ahmadi S, *Impact of departure time on transportation system performance using dynamic traffic assignment*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 2014.
16. Rahimi A, *A model for empty fleet scheduling to cover intermediary transit stops demand*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 2015.
17. Khanzad I, *An analysis of the role of congestion pricing & transit development on users mode choice behavior*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 2015.
18. Purtalebi V, *An analysis of the role of congestion pricing & transit development on users mode choice behavior*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 2015.

19. Askari M, *Predicting driver lane-changing decisions on freeways using a hidden Markov Model*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 2015.
20. Moghadami M, *Acceptability pattern of speed management strategies in roads*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 2015.
21. Soltani M, *Presentation a driver risk prediction model using insurance information*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 2016.
22. Sadeghi Ghomi Y, *Ranking headlines of training professional drivers by multi-attribute decision making models*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 2017.
23. Qodsi M A, *Pedestrian behavior simulation for evacuation process using cellular automata*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 2017.
24. Farahpour M, *Speeding violations prediction in transportation networks using data from intelligent transportation systems*, MS Thesis, Transportation Planning Department, Civil & Environmental Engineering Faculty, *Tarbiat Modares University*, 2018.
25. Moghadasi M, *An analysis of the relationship between communication networks & spatial structure in Iran*, MS Thesis, Urban & Regional Planning Department, Faculty of Art, *Tarbiat Modares University*, 2018.
26. Dehghani D, *An analysis of accessibility of residential & activity systems to transportation networks using spatial equity approach, case of Tehran metropolis*, MS Thesis, Urban & Regional Planning Department, Faculty of Art, *Tarbiat Modares University*, 2019.
27. Naranji A, *Evaluation of citizens' willingness to pay in urban public transportation development projects (case study of the Mashhad urban metro network)*, MS Thesis, Urban & Urban Planning Department, Faculty of Art, *Tarbiat Modares University*, 2025.
28. Barzkar Z, *Prediction of accident severity using data science techniques (case study of suburban roads in Tehran province)*, MS Thesis, Data Science Department, Faculty of Interdisciplinary Science and Technology, *Tarbiat Modares University*, current.

Institute for Management & Planning Studies

29. Afroogh N, *Train Type Choice Model Considering Passenger Utility*, MS Thesis, Transportation Planning Department, *Institute for Management & Planning Studies*, 2006.
30. Sobhani S, *Relationship between Effectiveness of Marketing Information Systems & the Main Elements of Strategic Marketing Planning in Iranian Banks*, MS Thesis, Business Management Department, *Institute for Management & Planning Studies*, 2007.
31. Hanifi A, *The effect of attitudes on mode change behavior, Tehran citizens case study*, MS Thesis, Transportation Planning, Socioeconomic Systems Engineering, *Institute for Management & Planning Studies*, 2016.
32. Kakoulvand M, *Land use indexes impact on mode change behaviour under transportation system management policies*, MS Thesis, Transportation Planning, Socioeconomic Systems Engineering, *Institute for Management & Planning Studies*, 2016.
33. Asadi M, *Identification of individuals preferences & factors influencing mode choice in daily trips of university staff, case of Ferdowsi University*, MS Thesis, Transportation Planning, Socioeconomic Systems Engineering, *Institute for Management & Planning Studies*, 2017.

34. Askari L, *A Joint Mode Change & Mode Choice Decision under TDM Policies- Case of a Copula Approach*, MS Thesis, Transportation Planning, Socioeconomic Systems Engineering, Institute for Management & Planning Studies, 2017.
35. Javadi Z, *Traffic cordon pricing considering link capacity constraint in static networks*, MS Thesis, Transportation Planning, Socioeconomic Systems Engineering, Institute for Management & Planning Studies, 2017.
36. Sourati M R, *Rapid transit network design considering hub link performance functions*, MS Thesis, Transportation Planning, Socioeconomic Systems Engineering, Institute for Management & Planning Studies, 2018.
37. Saeedi S, *Modeling the effect of latent variables in mode choice*, MS Thesis, Transportation Planning, Socioeconomic Systems Engineering, Institute for Management & Planning Studies, 28 Sep 2021.

Iran University of Science & Technology

38. Tubae M, *Effective Factor Identification in Preference of Road & Transportation Ministry Projects & a Mathematical Model*, MS Thesis, Construction Management Department, Civil Engineering Faculty, Iran University of Science & Technology, 2010.

Amirkabir University (Polytechnic)

39. Lesani T, *A Methodology for Optimization of Urban Passenger Public Transportation Modes Shares based on Travel Cost & Energy Consumption*, MS Thesis, Financial Engineering Department, Amirkabir University, 2010.

Shahid Beheshti University

40. Ebrahimi A, *Modeling Urban Spatial Growth using Cellular Automata Approach*, MS Thesis, Urban Planning Department, Shahid Beheshti University, 2006.
41. Eshghabadi F, *Evaluation of the prediction of Population & Employment based on Garin-Lowry model: the case of Tehran Metropolis*, MS Thesis, Urban Planning Department, Shahid Beheshti University, 2006.
42. Surgi M, *Location of Inter-Urban Passenger Bus Terminals within Cities*, MS Thesis, Urban Planning Department, Shahid Beheshti University, 2006.
43. Lavi M, *Spatial Inequalities in Public Health Care Facilities Access & Improvement Strategies: Case on Isfahan*, MS Thesis, Urban Planning Department, Shahid Beheshti University, 2008.

Islamic Azad University- Science & Resaech Branch

44. Rahimi K, *Budget Assignment Model for Rural Road Maintenance*, MS Thesis, Transportation Planning Group, Civil Engineering Department, Azad University, 2009.
45. Shirazinia E, *Operational Model for Multi Airport Metropolitan Regions*, MS Thesis, Transportation Planning Department, Civil Engineering Dept, Azad University, 2011.
46. Golestani A, *An Economic-Technical Assessment Model & Scenario Selection of the Multi-Airport System*, MS Thesis, Transportation Planning Department, Civil Engineering Dept, Azad University, 2012.
47. Shanazari M, *An analysis of transportation demand management policies on CBD traffic improvement, case of Isfahan city*, MS Thesis, Transportation Planning Department, Civil Engineering Dept, Azad University, 2014.

Kharazmi University

48. Barati A, *Walkability & walking on school trips*, MS Thesis, Transportation Planning Department, Kharazmi University, 2020.

Islamic Azad University- South Branch

49. Chegini F, *Bus transportation network route model based on GIS*, MS Thesis, Transportation Planning Group, Civil Engineering Department, Azad University, 2012.
50. Tizpaz V, *Capacity & LOS analysis & improvement of Tehran province roads*, MS Thesis, Transportation Planning Group, Civil Engineering Department, Azad University, 2013.
51. Dehghani P, *Safety index estimation model for rural highways based on path macroscopic characteristics*, MS Thesis, Transportation Planning Group, Civil Engineering Department, Azad University, 2014.

5 Awards & Honors

1. *Runner-Up in Science*, New Warran School, Plymouth, England, 1979.
2. *Fifth Rank* in the MS Entrance Examination, Socio-Economic Systems Engineering; Institute for Management & Planning Studies, 1993.
3. *Runner-Up*, MS Course, Socio-Economic Systems Engineering, Institute for Management & Planning Studies, Spring Term 1995.
4. *Top Student*, MS Course, Transportation Planning, Socio-Economic Systems Engineering, Institute for Management & Planning Studies, 1996.
5. *Highly Dedicated Professor*, Institute for Management & Planning Studies, 2007.
6. *Remarkable services in scientific & research promotion of the Research Office*, Institute for Management & Planning Studies, June 2008.
7. *Outstanding scientific & research collaboration*, Institute for Management & Planning Studies, August 2008.
8. *Collaboration & promotion in achieving ISC ranking*, Journal of Transportation Research, August 2011.
9. *Highest quality of teaching for the years 2009, 2010, & 2011*, Civil Engineering Faculty, Tarbiat Modares University.
10. *Highest quality of teaching for the year 2012*, Civil Engineering Faculty, Tarbiat Modares University.
11. *Highest quality of teaching for the year 2014*, Civil Engineering Faculty, Tarbiat Modares University.
12. *Distinguished researcher*, Tarbiat Modares University, 2013.
13. *Diligent professor*, Tarbiat Modares University, 2014.
14. *Distinguished researcher*, Highest score in promotion to associate professor, Tarbiat Modares University, 2017 ([link](#)).
15. *Author of highly cited paper (10-year period)*, Tarbiat Modares University, 2017.
16. *Distinguished researcher*, Highest score in applied & industrial research projects, Tarbiat Modares University, 2019 ([link](#)).
17. *Outstanding professor*, Tarbiat Modares University, 2020 ([link1](#)) ([link2](#)).
18. *Distinguished researcher*, Highest score in applied & industrial research projects, Tarbiat Modares University, 2021 ([link1](#)) ([link2](#)).
19. *Selected research project (Tehran Urban Festival)*, Tarbiat Modares University, 2021 ([link](#)).
20. *Research realm nominee*, Tarbiat Modares University, 2021.
21. *Distinguished researcher*, Publishing in the top decile of journals (JCR), Tarbiat Modares University, 2021 ([link1](#)) ([link2](#)).
22. *Applied & industrial projects director & theses supervisor*, Tarbiat Modares University, 2021 ([link1](#)) ([link2](#)).

23. *Research realm nominee*, Tarbiat Modares University, 2022.
24. *Dedicated to industry & society problem solving of Iran*, Office of industry & society relations of the Ministry of Science, Research & Technology, 2022.
25. *Excellence promotion* (equivalent to 3 ordinary ones), Tarbiat Modares University, 2020.
26. *Excellence promotion* (equivalent to 3 ordinary ones), Tarbiat Modares University, 2021.
27. *Excellence promotion* (equivalent to 3 ordinary ones), Tarbiat Modares University, 2022.
28. *Distinguished researcher*, Advisor of distinguished PhD thesis, Tarbiat Modares University, 2023 ([link1](#)).
29. *Distinguished researcher*, maximum number of papers with international collaboration, Tarbiat Modares University, 2023 ([link1](#)) ([link2](#)).
30. *Distinguished researcher*, maximum number of papers in WoS Journals, Tarbiat Modares University, 2023 ([link1](#)) ([link2](#)).
31. *Distinguished department head*, in international scientific collaboration, Tarbiat Modares University, 2023 ([link1](#)) ([link2](#)).

6 Interviews: TV & Radio (Farsi)

1. *Railway as the foundation of development*, The second conference on the rail-based development, **broadcast on Television Channel One of IRI**, 3 February 2017.
2. *Transportation management under disaster, How to escape from Tehran earthquake*, **Radio interview** (Fararu), 23 November 2017 ([link](#)).
3. *Disaster management, getting prepared for Tehran earthquake: a transportation perspective*, **Interview with Faradid Magazine**, December 2017 ([link](#)).
4. *Whom does Tehran need ?*, **Radio interview** (Fararu), 7 April 2018.
5. *Tehran traffic jams on rainy days: Why does rain lock Tehran?*, **Radio interview** (Fararu), 16 April 2018 ([link](#)).
6. *Expanding the traffic restricted area to even or odd area*, **Live Radio interview** (City Voice, Zarehbin), 10 December 2018 ([link](#)).
7. *Addition of even & odd area to traffic restricted area (challenges, opportunities & threats)*, **Radio interview** (Radio Tehran), 10 December 2018 ([link](#)).
8. *Human-oriented city*, **Live Radio interview** (City Voice, Zarehbin), 21 July 2019.
9. *Introduction of Tehran new traffic plan, a radio discussion*, **Radio interview** (Social Debate), 27 July 2019 ([link](#)).
10. *Introduction of Tehran new traffic plan, a radio discussion*, **Radio interview** (Social Debate), 27 July 2019 ([link](#)).

7 Lectures & Presentations

1. *Aspects & Challenges of Urban Transportation: Large Cities of Iran*, **Roundtable on Urban Transportation Policy & Culture**, City Department of Iran Sociology Association, Faculty of Social Sciences, University of Tehran, February 2, 2008 (Farsi).
2. *Health & Transportation: Transportation Management*, **First Health & Transportation Scientific Meeting**, Office of Social & Cultural Studies, Deputy of Social & Cultural Affairs, Tehran Municipality, June 21, 2009 (Farsi).
3. *Reducing Redundant Transportation*, **Third Distribution Management Conference**, Shahid Beheshti University, July 31, 2010 (Farsi).
4. *Integrated Transportation Planning & Urban & Regional Development*, **Second Conference on Transit Oriented Development (TOD)**, Ministry of Road & Transportation, January 25, 2017 (Farsi).
5. *Human-Oriented Transportation: Some evidence from Iran*, **Essentials of Sustainable Transport Development**, TU Wien & Tarbiat Modares University Joint Workshop, February 17, 2018.

6. *Traffic Requirements in Building Construction*, **Expert Round Tables**, Tarbiat Modares University, December 20, 2017 (Farsi).
7. *Travel Behavior & Attitude Change in Metropolitans*, **Expert Round Tables**, Tarbiat Modares University, May 13, 2018 (Farsi).
8. *Human Oriented Transportation Framework for Metropolitans*, **First Conference on Transportation and Traffic Engineering**, Shiraz University, March 4, 2019 (Farsi) ([link](#)).
9. *Transportation Planning Joint Seminar*, **Some new cities in Iran**, TU Wien & Tarbiat Modares University Joint Seminar, April 14-18, 2019 ([link](#)).
10. *Pedestrian Crossings- Transportation Requirements & Researches*, **Pedestrian Crosswalks Conference**, Strategic Research Center, Karaj City Hall, May 22, 2019 (Farsi) ([link](#)).
11. *Education, culture & clean transportation*, **Fourth Comprehensive Conference on Urban Management: Clean Transportation**, Transportation & Traffic Deputy of Tehran Municipality, July 2, 2019 (Farsi) ([link](#)).
12. *Fundamentals of Clean Transportation & its application to schools location*, **Green School Conference**, Organization for development, renovation & equipping of schools of Iran, July 29, 2019 (Farsi) ([link](#)).
13. *Factors affecting stated value of travel time for Tehran traffic cordon users*, **The 12th National Congress of Civil Engineering**, Sahand University of Technology, Tabriz, Iran, May 28, 2020 (Farsi).
14. *Research Methodology for Transportation Engineers*, **Workshop for PhD Students (3-day)**, TU Wien, Institute of Transportation, Research Center of Transport Planning & Traffic Engineering, September & October 2021 (English).
15. *Transit Oriented Development (TOD): Foundations & Principles*, **Transit Oriented Development Webinar**, Traffic Commission, Tehran Construction Engineers Organization, November 16, 2021 (Farsi).
16. *Traffic Culture & Media*, **Functional Role of Mass Media in Traffic Culture**, Media Planning & Studies Office, Ministry of Culture & Islamic Guidance, June 13, 2022 (Farsi) ([link](#)).
17. *Impact of socio-economic attributes on walking trip rate, case of Shiaz city*, **Lecture series: Active Mobility 2023**, TU Wien, Institute of Transportation, Research Center of Transport Planning and Traffic Engineering, March 22, 2023 ([link1](#)) ([link2](#)).

8 Research Interests

1. Transportation planning & management
2. Transportation demand forecasting & behavioral modeling
3. Transportation safety behavioral modeling
4. Discrete choice models
5. Land use models
6. Transportation & Traffic Simulation
7. Active modes of travel
8. Autonomous & Electric vehicles (acceptance, demand, & heterogeneity models)
9. Heterogeneity in choice models
10. Cordon pricing models

9 Conference Committees Membership

1. *The 1st National Conference on Traffic Safety*, Kerman, Iran, 2011.
2. *The 4th Regional Conference on Traffic Management*, Tehran, Iran, 2011.
3. *The 1st International City Bike*, Tehran, Iran, 2011.
4. *The 10th Transportation & Traffic Engineering Conference of Iran*, Tehran, Iran, 2011 (Scientific committee member & director of the specialized working group for transportation systems management).

5. *The 11th Transportation & Traffic Engineering Conference of Iran*, Tehran, Iran, 2012 (Scientific committee member & director of the specialized working group for transportation systems management).
6. *The 3rd International Traffic Accident Conference*, Tehran, Iran, 2012.
7. *The 1st conference on Economic Aspects of Urban Transportation*, Tehran, Iran, 2011.
8. *The 2nd conference on Economic Aspects of Urban Transportation*, Tehran, Iran, 2012.
9. *The 14th International Conference on Rail Transportation*, Tehran, Iran, 2012.
10. *The 12th International Conference on Traffic & Transportation Engineering*, Tehran, Iran, 2013 (Scientific committee member & director of the specialized working group for transportation systems management).
11. *Second Conference on Development of Multimodal Transport Network in national & international trade*, Tehran, Iran, 2014 (Scientific committee member & member of the policy-making council).
12. *The 13th International Conference on Traffic & Transportation Engineering*, Tehran, Iran, 2014 (Scientific committee member & director of the specialized working group for transportation systems management).
13. *Third National Conference of Roadway, Railway & Aerial Accidents*, Zanjan, Iran, 2014.
14. *The 1st National Road ITS Congress*, Tehran, Iran, 2015.
15. *The 14th International Conference on Traffic & Transportation Engineering*, Tehran, Iran, 2015 (Scientific committee member & director of the specialized working group for transportation systems management).
16. *The 15th International Conference on Traffic & Transportation Engineering*, Tehran, Iran, 2016 (Scientific committee member & director of the specialized working group for transportation systems management).
17. *Second Rail Based Urban Development Conference*, Tehran, Iran, 2017 (Scientific committee member & director of the specialized working group on transportation & traffic).
18. *Second Iran ITS Congress*, Tehran, Iran, 2017 (Scientific committee member).
19. *The 16th International Conference on Traffic & Transportation Engineering*, Tehran, Iran, 2017 (Scientific committee member & director of the specialized working group for transportation systems management).
20. *The 17th International Conference on Traffic & Transportation Engineering*, Tehran, Iran, 2018 (Scientific committee member & director of the specialized working group for transportation systems management).
21. *The 18th International Conference on Traffic & Transportation Engineering*, Tehran, Iran, 2020 (Executive editor, scientific committee member & director of the specialized working group for transportation systems management).
22. *The 19th International Conference on Traffic & Transportation Engineering*, Tehran, Iran, 2023 (Scientific committee member).

10 Societies & Organizations Membership

1. *Iranian Society of Transportation & Traffic Engineers*, Tehran, Iran, since 1998.
2. *Iranian Construction Engineers Organization*, Tehran, Iran, since 1999.
3. *Alumni Association of Sharif University of Technology*, Mechanical Engineering Faculty, Tehran, Iran, since 1998.

4. *Alumni Association of Sharif University of Technology*, Civil Engineering Faculty, Tehran, Iran, since 2005.
5. *Alumni Association of Sharif University of Technology*, Transportation Technical Committee, Tehran, Iran, since 2007.
6. *Iranian Association of Rail Transport Engineering*, Research Committee Member, Tehran, Iran, since 2006.
7. *Iranian Society of Transportation Engineering*, Tehran, Iran, since 2009.
8. *Iran Traffic Experts Society*, Tehran, Iran, since 2010.
9. *The International Association for Travel Behaviour Research (IATBR)*, since 2009.
10. *Road Safety Supporters Society*, Tehran, Iran, since 2012.

11 Industry & Research Projects Reports (Farsi)

Comprehensive Transportation Studies for the City of Mashad

1. *Population Prediction for the Study Area for the Year 1994*, Comprehensive Transportation Studies for the City of Mashad, Report 74-04, **Institute for Transportation Studies & Research, Sharif University of Technology**, 1995.
2. *Freight Transportation Survey Results*, Comprehensive Transportation Studies for the City of Mashad, Report 74-05, **Institute for Transportation Studies & Research, Sharif University of Technology**, 1995.
3. *Transportation Goals & Objectives for the City of Mashad*, Comprehensive Transportation Studies for the City of Mashad, Report 74-09, **Institute for Transportation Studies & Research, Sharif University of Technology**, 1995.
4. *Phase One Executive Summary*, Comprehensive Transportation Studies for the City of Mashad, Report 74-14, **Institute for Transportation Studies & Research, Sharif University of Technology**, 1995.
5. *Population & Employment Prediction for the year 2001*, Comprehensive Transportation Studies for the City of Mashad, Report 76-01, **Institute for Transportation Studies & Research, Sharif University of Technology**, 1997.
6. *Mode Choice Models*, Comprehensive Transportation Studies for the City of Mashad, Report 76-03, **Institute for Transportation Studies & Research, Sharif University of Technology**, 1997.
7. *Transportation Demand Prediction for the year 2001*, Comprehensive Transportation Studies for the City of Mashad, Report 76-04, **Institute for Transportation Studies & Research, Sharif University of Technology**, 1997.
8. *Land Use Model: Population & Employment Prediction till the year 2016*, Comprehensive Transportation Studies for the City of Mashad, Report 76-14, **Institute for Transportation Studies & Research, Sharif University of Technology**, 1997.
9. *Transportation Demand Prediction for the year 2016*, Comprehensive Transportation Studies for the City of Mashad, Report 76-17, **Institute for Transportation Studies & Research, Sharif University of Technology**, 1997.
10. *Modeling Process Executive Summary*, Comprehensive Transportation Studies for the City of Mashad, Report 77-07, **Institute for Transportation Studies & Research, Sharif University of Technology**, 1995.

Tehran Comprehensive Transportation & Traffic Studies

11. *Land Use Modeling: Population & Employment Prediction*, Tehran Comprehensive Transportation & Traffic Studies, Report 202, **Tehran Comprehensive Transportation & Traffic Studies**, 1998.
12. *Prediction of Socio-Economic Variables & Travel Demand till the year 2011*, Tehran Comprehensive Transportation & Traffic Studies, Report 203, **Tehran Comprehensive Transportation & Traffic Studies**, 1998.

13. *Modeling in Transportation: Travel Demand Prediction*, Tehran Comprehensive Transportation & Traffic Studies, Report 204, **Tehran Comprehensive Transportation & Traffic Studies**, 2001.

Tehran & Suburbs Studies

14. *Transportation & Traffic Studies*, Tehran & Suburbs Studies, Report 6-1, **Iranian Center for Architectural & Urban Research & Studies**, 1999.
15. *Prediction Models*, Tehran & Suburbs Studies, Report 6-2, **Iranian Center for Architectural & Urban Research & Studies**, 1999.
16. *Traffic Assignment Modeling*, Tehran & Suburbs Studies, Report 6-3, **Iranian Center for Architectural & Urban Research & Studies**, 2000.
17. *Forecasting for the Horizon Year & Suggestions*, Tehran & Suburbs Studies, Report 6-4, **Iranian Center for Architectural & Urban Research & Studies**, 2000.

Increasing the Share of Tehran-Karaj Rail Transport

18. *Suggestions for Increasing the Share of Tehran-Karaj Rail Transit*, Phase 4 Report, Increasing the Share of Tehran-Karaj Rail Transport, **Tehran Province Scientific & Industrial Services**, 2001.
19. *Modeling & Analyzing Transportation Demand*, Phase 3 Report, Increasing the Share of Tehran-Karaj Rail Transit, **Tehran Province Scientific & Industrial Services**, 2001.
20. *Comments on Updating the Comprehensive Transportation Studies of Mashad*, Reports of Stage 2 of Phase 1; Predicting Population, Employment & Travel Demand, **Mashad Traffic Organization**, Mashad Municipality, 2001.
21. *Mode Choice Models*, Comprehensive Transportation Studies for the City of Shiraz, Report 80-03, **Institute for Transportation Studies & Research**, Sharif University of Technology, 2001.

Role of Booshehr Province in Freight Transit

22. *Hinterland Analysis for Booshehr Port*, Role of Booshehr Province in Freight Transit, Report 5-2-2, **Institute for Research on Planning & Development**, 2002.
23. *Road Transportation Network Analysis*, Role of Booshehr Province in Freight Transit, Report 5-1-2, **Institute for Research on Planning & Development**, 2002.

Revising & Completing the Studies of Wheat Storage Facilities Expansion

24. *Prediction of Capacities for Wheat Storage Facilities for the Years 2006 & 2011 at Zonal Level*, Revising & Completing the Studies of Wheat Storage Facilities Expansion, Report 5, **Institute for Research on Planning & Development**, 2003.
25. *Prediction of Capacities for Wheat Storage Facilities for the Year 2021 at Province Level*, Revising & Completing the Studies of Wheat Storage Facilities Expansion, Report 4, **Institute for Research on Planning & Development**, 2003.
26. *Location Models for Wheat Storage Facilities*, Revising & Completing the Studies of Wheat Storage Facilities Expansion, Report 3, **Institute for Research on Planning & Development**, 2003.
27. *Prediction of Inputs to Location Model*, Revising & Completing the Studies of Wheat Storage Facilities Expansion, Report 2, **Institute for Research on Planning & Development**, 2002.
28. *Basic Information*, Revising & Completing the Studies of Wheat Storage Facilities Expansion, Report 1, **Institute for Research on Planning & Development**, 2001.

Comprehensive Transportation Studies of Iran

29. *Passenger Transportation Demand Estimation Models*, Comprehensive Transportation Studies of Iran, **Terhe Rahaye Talayee Consulting Engineers**, 2004.
30. *Selection of the Transportation Planning Software Package*, Comprehensive Transportation Studies of Iran, **Terhe Rahaye Talayee Consulting Engineers**, 2004.

31. *Traffic Assignment Models, Theoretical Foundations*, Comprehensive Transportation Studies of Iran, **Terhe Rahaye Talayee Consulting Engineers**, 2004.

Khuzestan Steel Company Site Transportation Planning

32. *Basic Studies & General View*, Khuzestan Steel Company Site Transportation Planning, Report 196-R2003, **Transportation & Logistics Group, Terhe-No-Andishan Consulting Engineers**, 2005.
33. *Data Analysis*, Khuzestan Steel Company Site Transportation Planning, Report 196-R2004, **Transportation & Logistics Group, Terhe-No-Andishan Consulting Engineers**, 2005.
34. *Modeling the Transportation System of Khuzestan Steel Company*, Khuzestan Steel Company Site Transportation Planning, Report 196-R2005, **Transportation & Logistics Group, Terhe-No-Andishan Consulting Engineers**, 2005.
35. *Locating & Designing the new Gate, Weigh Bridges & Trucks Terminal*, Khuzestan Steel Company Site Transportation Planning, Report 196-R2006, **Transportation & Logistics Group, Terhe-No-Andishan Consulting Engineers**, 2005.
36. *Organizing the Rail Transportation System of Khuzestan Steel Company*, Khuzestan Steel Company Site Transportation Planning, Report 196-R2008, **Transportation & Logistics Group, Terhe-No-Andishan Consulting Engineers**, 2005.
37. *Organizing the Surrounding Corridors of Khuzestan Steel Company*, Khuzestan Steel Company Site Transportation Planning, Report 196-R2009, **Transportation & Logistics Group, Terhe-No-Andishan Consulting Engineers**, 2005.
38. *Organizing the Internal Corridors of Khuzestan Steel Company*, Khuzestan Steel Company Site Transportation Planning, Report 196-R2010, **Transportation & Logistics Group, Terhe-No-Andishan Consulting Engineers**, 2005.

Feasibility & Location Study of the Megaport in Booshehr Province

39. *Final Part-One Phase-Zero Report*, Feasibility & Location Study of the Megaport in Booshehr Province, **Pooya Tarhe Pars Consulting Engineers**, March 2006.
40. *Mid Part-One Phase-Zero Report*, Feasibility & Location Study of the Megaport in Booshehr Province, **Pooya Tarhe Pars Consulting Engineers**, December 2005.

Innovative Traffic Congestion Alleviation for Dubai

41. *A Proposed Short-Term Action Plan*, Innovative Traffic Congestion Alleviation for Dubai, **Wilbur Smith Associates & Centroid International**, 2006 (English).

Comprehensive Studies of Hierarchical Structure of Researches in Surface Transportation Planning & Management

42. *Phase Two Report*, Comprehensive Studies of Hierarchical Structure of Researches in Surface Transportation Planning & Management, Project (83B3T5P27(PEL)), March 2006.
43. *Phase One Report*, Comprehensive Studies of Hierarchical Structure of Researches in Surface Transportation Planning & Management, Project (83B3T5P27(PEL)), March 2006.

Teleworking Impact Study for the City of Tehran

44. *Introduction, Database Formation & Preliminary Analysis*, Teleworking Impact Study for the City of Tehran, First Phase Report, **Institute for Management & Planning Studies**, 2007.
45. *Modeling & Prediction of Teleworking Demand*, Teleworking Impact Study for the City of Tehran, Second Phase Report, **Institute for Management & Planning Studies**, 2007.
46. *Traffic Assignment Models & Telework Impact Analysis*, Teleworking Impact Study for the City of Tehran, Third & Fourth Phases Report, **Institute for Management & Planning Studies**, 2008.

CNG Station Location Comprehensive Plan of Iran

47. *Basic Studies*, CNG Station Location Comprehensive Plan of Iran, Report No. 314-R2205, **Transportation & Logistics Group**, *Terhe-No-Andishan Consulting Engineers*, 2007.
48. *Prediction of Number & Capacity of Inter Urban CNG Stations*, CNG Station Location Comprehensive Plan of Iran, Report 314-R2206, **Transportation & Logistics Group**, *Terhe-No-Andishan Consulting Engineers*, 2007.
49. *Prediction of Number & Capacity of Urban CNG Stations*, CNG Station Location Comprehensive Plan of Iran, Report 314-R2207, **Transportation & Logistics Group**, *Terhe-No-Andishan Consulting Engineers*, 2007.
50. *Phase One Executive Summary*, CNG Station Location Comprehensive Plan of Iran, Report 314-R2009, **Transportation & Logistics Group**, *Terhe-No-Andishan Consulting Engineers*, 2007.
51. *Phase Two*, CNG Station Location Comprehensive Plan of Iran, Report 314-R2043, **Transportation & Logistics Group**, *Terhe-No-Andishan Consulting Engineers*, 2007.
52. *Green Plan Software Package Manual*, CNG Station Location Comprehensive Plan of Iran, Report 314-R2201, **Transportation & Logistics Group**, *Terhe-No-Andishan Consulting Engineers*, 2008.
53. *Green Plan Software Package Guide*, CNG Station Location Comprehensive Plan of Iran, Report 314-R2202, **Transportation & Logistics Group**, *Terhe-No-Andishan Consulting Engineers*, 2008.

National Industrial Steel Group Development Plan

54. *Materials Flow within the Factory*, National Industrial Steel Group Development Plan, Report No. 301-R2202, **Transportation & Logistics Group**, *Terhe-No-Andishan Consulting Engineers*, 2008.

Assesment of Interurban Passenger & Good Transportation Demand Management Strategies for Iran

55. *Introduction to Inter Urban Transportation Demand Management*, Assesment of Interurban Passenger & Good Transportation Demand Management Strategies for Iran, Phase One Report, **Arman Taradod Pars Consulting Engineers**, June 2008.
56. *Literature Survey in other Countries*, Assesment of Interurban Passenger & Good Transportation Demand Management Strategies for Iran, Phase Two Report, **Arman Taradod Pars Consulting Engineers**, August 2008.
57. *Prioritization of Inter Urban Transportation Demand Management Measures for Iran*, Assesment of Interurban Passenger & Good Transportation Demand Management Strategies for Iran, Phase Three Report, **Arman Taradod Pars Consulting Engineers**, January 2009.
58. *Action Plan for Inter Urban Transportation Demand Management Measures*, Assesment of Interurban Passenger & Good Transportation Demand Management Strategies for Iran, Phase Four Report, **Arman Taradod Pars Consulting Engineers**, February 2009.

Identification of Research Topics in Interurban Transportation

59. *Literature Survey, Methodology & Questionnaire Survey Design*, Final Report, Identification of Research Topics in Interurban Transportation, Project (88B3T11P06(PLA)), April 2009.

Identification of Factors Affecting Urban Transportation Fuel Consumption & Suggestions

60. *Data Collection*, Identification of Factors Affecting Urban Transportation Fuel Consumption & Suggestions, Phase One Report, **Institute for Management & Planning Studies**, December 2009.
61. *Identification & Modeling of Urban Transportation Factors*, Identification of Factors Affecting Urban Transportation Fuel Consumption & Suggestions, Phase Two Report, **Institute for Management & Planning Studies**, February 2010.

62. *Suggestions for Reducing Urban Transportation Fuel Consumption*, Identification of Factors Affecting Urban Transportation Fuel Consumption & Suggestions, Phase Three Report, **Institute for Management & Planning Studies**, March 2010.

Tehran Multi Airport Network Studies

63. *Factors affecting aviation in Tehran province*, Tehran Multi Airport Network Studies, Phase One Report, **Tarrahan Parseh Transportation Research Institute**, January 2011.
64. *Status quo analysis*, Tehran Multi Airport Network Studies, Phase Two Report, **Tarrahan Parseh Transportation Research Institute**, February 2011.
65. *Demand prediction for air transportation in Tehran province*, Tehran Multi Airport Network Studies, Phase Three Report, **Tarrahan Parseh Transportation Research Institute**, March 2011.
66. *Defining airport systems scenarios for Tehran province*, Tehran Multi Airport Network Studies, Phase Four Report, **Tarrahan Parseh Transportation Research Institute**, August 2011.
67. *Airport systems scenarios assessment*, Tehran Multi Airport Network Studies, Phase Five Report, **Tarrahan Parseh Transportation Research Institute**, September 2011.
68. *Role & policy of airports in the selected scenario*, Tehran Multi Airport Network Studies, Phase Six Report, **Tarrahan Parseh Transportation Research Institute**, October 2011.
69. *Identification of needs to achieve the desired scenario*, Tehran Multi Airport Network Studies, Phase Seven Report, **Tarrahan Parseh Transportation Research Institute**, November 2011.
70. *Investment needs to develop airports in Tehran province*, Tehran Multi Airport Network Studies, Phase Eight Report, **Tarrahan Parseh Transportation Research Institute**, March 2012.
71. *Implementation plan*, Tehran Multi Airport Network Studies, Phase Nine Report, **Tarrahan Parseh Transportation Research Institute**, March 2012.

Transportation Network Performance Analysis at times of Disaster

72. *Definitions & Literature Survey*, Phase One Report, Transportation Network Performance Analysis at times of Disaster, Project (88B10T1P15(DM)), October 2011.
73. *Data Collection, Methodology & Modeling*, Phase Two Report, Transportation Network Performance Analysis at times of Disaster, Project (88B10T1P15(DM)), November 2011.
74. *Software Package as a DSS*, Phase Three Report, Transportation Network Performance Analysis at times of Disaster, Project (88B10T1P15(DM)), December 2012.
75. *A Case Study*, Phase Four Report, Transportation Network Performance Analysis at times of Disaster, Project (88B10T1P15(DM)), December 2012.

Bushehr Province Comprehensive Transportation Studies

76. *Introduction*, Bushehr Province Comprehensive Transportation Studies, Phase One Report, **Road, Housing & Urban Development Research Center**, April 2016.
77. *Status quo analysis*, Bushehr Province Comprehensive Transportation Studies, Phase Two Report, **Road, Housing & Urban Development Research Center**, April 2016.
78. *Data collection & main corridor analysis*, Bushehr Province Comprehensive Transportation Studies, Phase Three Report, **Road, Housing & Urban Development Research Center**, April 2016.
79. *Traffic zoning*, Bushehr Province Comprehensive Transportation Studies, Phase Four Report, **Road, Housing & Urban Development Research Center**, April 2016.
80. *Methodology*, Bushehr Province Comprehensive Transportation Studies, Phase Five Report, **Road, Housing & Urban Development Research Center**, May 2016.
81. *Demand estimation by mode*, Bushehr Province Comprehensive Transportation Studies, Phase Six Report, **Road, Housing & Urban Development Research Center**, May 2016.

82. *Modeling results & suggestions*, Bushehr Province Comprehensive Transportation Studies, Phase Seven Report, **Road, Housing & Urban Development Research Center**, May 2016.

Kerman Province Comprehensive Transportation Studies

83. *Introduction*, Kerman Province Comprehensive Transportation Studies, Phase One Report, **Tarrahan Parseh Transportation Research Institute**, April 2017.
84. *Data collection & study area*, Kerman Province Comprehensive Transportation Studies, Phase Two Report, **Tarrahan Parseh Transportation Research Institute**, April 2017.
85. *Kerman transportation infrastructure & performance analysis*, Kerman Province Comprehensive Transportation Studies, Phase Three Report, **Tarrahan Parseh Transportation Research Institute**, April 2017.
86. *Traffic zoning of the study area*, Kerman Province Comprehensive Transportation Studies, Phase Four Report, **Tarrahan Parseh Transportation Research Institute**, April 2017.
87. *Field survey & complementary data gathering*, Kerman Province Comprehensive Transportation Studies, Phase Five Report, **Tarrahan Parseh Transportation Research Institute**, May 2017.
88. *Digital & graphic databases*, Kerman Province Comprehensive Transportation Studies, Phase Six Report, **Tarrahan Parseh Transportation Research Institute**, May 2017.
89. *Data analysis & modeling*, Kerman Province Comprehensive Transportation Studies, Phase Seven Report, **Tarrahan Parseh Transportation Research Institute**, May 2017.
90. *Traffic prediction for the project horizon*, Kerman Province Comprehensive Transportation Studies, Phase Eight Report, **Tarrahan Parseh Transportation Research Institute**, May 2017.
91. *Suggestions for mid-, short- & lonh-term horizons*, Kerman Province Comprehensive Transportation Studies, Phase Nine Report, **Tarrahan Parseh Transportation Research Institute**, May 2017.

Cordon Pricing of Tehran CBD & its Effectiveness

92. *A survey of international studies*, Cordon Pricing of Tehran CBD & its Effectiveness, Phase One Report, **Tehran Traffic & Transportation Organization**, September 2018.
93. *Field survey & questionnaire administration*, Cordon Pricing of Tehran CBD & its Effectiveness, Phase Two Report, **Tehran Traffic & Transportation Organization**, September 2018.
94. *Modeling & elasticity analysis*, Cordon Pricing of Tehran CBD & its Effectiveness, Phase Three Report, **Tehran Traffic & Transportation Organization**, September 2018.
95. *Social challenges & impacts of the study*, Cordon Pricing of Tehran CBD & its Effectiveness, Phase Four Report, **Tehran Traffic & Transportation Organization**, September 2018.
96. *Income evaluation of the project for Tehran municipality*, Cordon Pricing of Tehran CBD & its Effectiveness, Phase Five Report, **Tehran Traffic & Transportation Organization**, September 2018.

Assessment of Tehran new traffic scheme & its feasibility to odd-even area

97. *Basic & previous studies*, Assessment of Tehran new traffic scheme & its feasibility to odd-even area, Phase One Report, **Tehran Urban Research & Planning Center**, July 2019.
98. *Assessment of the current situation*, Assessment of Tehran new traffic scheme & its feasibility to odd-even area, Phase Two Report, **Tehran Urban Research & Planning Center**, July 2019.
99. *Policy & scenarion definition & data collection*, Assessment of Tehran new traffic scheme & its feasibility to odd-even area, Phase Three Report, **Tehran Urban Research & Planning Center**, July 2019.
100. *Modeling & impact study*, Assessment of Tehran new traffic scheme & its feasibility to odd-even area, Phase Four Report, **Tehran Urban Research & Planning Center**, July 2019.

101. *Jurisdiction & implementation requirements*, Assessment of Tehran new traffic scheme & its feasibility to odd-even area, Phase Five Report, **Tehran Urban Research & Planning Center**, July 2019.

Tehran Transportation & Traffic Studies & Policies

102. *Development of Tehran models system to incorporate metro*, Tehran Comprehensive Transportation & Traffic Studies & Policies, Report 1-97-01, **Tehran Traffic & Transportation Organization**, January 2019.
103. *Revising & updating of Tehran models system software programs & macros*, Tehran Comprehensive Transportation & Traffic Studies & Policies, Report 1-98-02-01, **Tehran Traffic & Transportation Organization**, January 2019.
104. *Updating Tehran zoning for the year 2018*, Tehran Comprehensive Transportation & Traffic Studies & Policies, Report 1-98-04-01, **Tehran Traffic & Transportation Organization**, February 2019.
105. *Updating public transportation data banks for the year 2018*, Tehran Comprehensive Transportation & Traffic Studies & Policies, Report 1-98-09-01, **Tehran Traffic & Transportation Organization**, March 2019.
106. *Socio-economic variables prediction for the year 2041- population prediction*, Tehran Comprehensive Transportation & Traffic Studies & Policies, Report 1-98-03-01, **Tehran Traffic & Transportation Organization**, April 2019.
107. *Socio-economic variables prediction for the year 2041- employment & student prediction*, Tehran Comprehensive Transportation & Traffic Studies & Policies, Report 1-98-05-01, **Tehran Traffic & Transportation Organization**, May 2019.
108. *Validation & analysis of OD survey of Tehran for 2014*, Tehran Comprehensive Transportation & Traffic Studies & Policies, Report 1-98-11-01, **Tehran Traffic & Transportation Organization**, May 2019.
109. *Socio-economic variables prediction for the year 2041- car ownership prediction*, Tehran Comprehensive Transportation & Traffic Studies & Policies, Report 1-98-03-03, **Tehran Traffic & Transportation Organization**, June 2019.
110. *Updating Tehran transportation network data banks for the year 2018*, Tehran Comprehensive Transportation & Traffic Studies & Policies, Report 1-98-15-01, **Tehran Traffic & Transportation Organization**, June 2019.
111. *Application of mobile phone technology in transportation planning*, Tehran Comprehensive Transportation & Traffic Studies & Policies, Report 1-98-18-01, **Tehran Traffic & Transportation Organization**, June 2019.
112. *BRT stop time models*, Tehran Comprehensive Transportation & Traffic Studies & Policies, Report 1-98-22-01, **Tehran Traffic & Transportation Organization**, August 2019.
113. *Public transportation (metro & BRT) travel time models*, Tehran Comprehensive Transportation & Traffic Studies & Policies, Report 1-98-23-01, **Tehran Traffic & Transportation Organization**, August 2019.

Tehran Transportation Demand Management Studies

114. *Introduction*, Tehran Transportation Demand Management Studies, Report 9811-TDM-0101, **Tehran Traffic & Transportation Organization**, February 2020.
115. *Previous studies, available documents & objectives*, Tehran Transportation Demand Management Studies, Report 9904-TDM-0202, **Tehran Traffic & Transportation Organization**, July 2020.
116. *Base year data & analysis*, Tehran Transportation Demand Management Studies, Report 9907-TDM-0303, **Tehran Traffic & Transportation Organization**, October 2020.
117. *TDM policies & analytical methodology*, Tehran Transportation Demand Management Studies, Report 9904-TDM-0402, **Tehran Traffic & Transportation Organization**, July 2020.

118. *Stated preference data questionnaire survey process*, Tehran Transportation Demand Management Studies, Report 0003-TDM-0501, **Tehran Traffic & Transportation Organization**, June 2020.
119. *Questionnaire survey for Covid-19 pandemic*, Tehran Transportation Demand Management Studies, Report 0003-TDM-0601, **Tehran Traffic & Transportation Organization**, June 2020.
120. *Scenarios simulation & validation*, Tehran Transportation Demand Management Studies, Report 0007-TDM-0701, **Tehran Traffic & Transportation Organization**, October 2020.
121. *Traffic volume variation due to Covid-19 pandemic*, Tehran Transportation Demand Management Studies, Report 0003-TDM-0801, **Tehran Traffic & Transportation Organization**, June 2020.
122. *TDM policies analysis & assessment*, Tehran Transportation Demand Management Studies, Report 0006-TDM-0901, **Tehran Traffic & Transportation Organization**, September 2020.
123. *Effectiveness of Covid-19 policies on daily infections*, Tehran Transportation Demand Management Studies, Report 0006-TDM-1001, **Tehran Traffic & Transportation Organization**, September 2020.

Planning of the 18th International Conference on Traffic & Transportation Engineering

124. *Basics & introduction*, Planning of the 18th International Conference on Traffic & Transportation Engineering, Phase One Report, **Tehran Traffic & Transportation Organization**, October 2019.
125. *Identification & classification of the ICTTE 18 audience*, Planning of the 18th International Conference on Traffic & Transportation Engineering, Phase Two Report, **Tehran Traffic & Transportation Organization**, December 2019.
126. *Plan & design of the ICTTE 18 administration*, Planning of the 18th International Conference on Traffic & Transportation Engineering, Phase Three Report, **Tehran Traffic & Transportation Organization**, January 2020.
127. *Manuscript evaluation & referee process management*, Planning of the 18th International Conference on Traffic & Transportation Engineering, Phase Four Report, **Tehran Traffic & Transportation Organization**, February 2020.

Location & Layout Studies of Qazvin Logistics Village

128. *Basics & introduction*, Location & Layout Studies of Qazvin Logistics Village, Report One, **Roads and Urban Development Office of Qazvin**, October 2020.
129. *Prior studies & documents*, Location & Layout Studies of Qazvin Logistics Village, Report Two, **Roads and Urban Development Office of Qazvin**, October 2020.
130. *Supply chains & logistics services demand*, Location & Layout Studies of Qazvin Logistics Village, Report Three, **Roads and Urban Development Office of Qazvin**, December 2020.
131. *Transportation & logistics services supply*, Location & Layout Studies of Qazvin Logistics Village, Report Four, **Roads and Urban Development Office of Qazvin**, February 2021.
132. *Location methodology*, Location & Layout Studies of Qazvin Logistics Village, Report Five, **Roads and Urban Development Office of Qazvin**, June 2021.
133. *Location model implementation*, Location & Layout Studies of Qazvin Logistics Village, Report Six, **Roads and Urban Development Office of Qazvin**, October 2021.
134. *Feasibility studies*, Location & Layout Studies of Qazvin Logistics Village, Report Seven, **Roads and Urban Development Office of Qazvin**, February 2021.

Implementation of Shiraz Comprehensive Transportation Studies models & algorithms in Visum

135. *Base year supply, demand implementation & assignment models*, Implementation of Shiraz Comprehensive Transportation Studies Models & Algorithms in Visum, Phase One Report, **Shiraz Municipality**, May 2021.

136. *Short, mid & long term supply & demand implementation*, Implementation of Shiraz Comprehensive Transportation Studies Models & Algorithms in Visum, Phase Two Report, **Shiraz Municipality**, May 2021.

Comprehensive Pedestrian Trips Studies of Shiraz

137. *Introduction & previous studies*, Comprehensive Pedestrian Trips Studies of Shiraz, Phase One Report, **Shiraz Municipality**, July 2022.
138. *Methodology*, Comprehensive Pedestrian Trips Studies of Shiraz, Phase Two Report, **Shiraz Municipality**, July 2022.
139. *Questionnaire survey & data gathering*, Comprehensive Pedestrian Trips Studies of Shiraz, Phase Three Report, **Shiraz Municipality**, July 2022.
140. *Data analysis & modeling results*, Comprehensive Pedestrian Trips Studies of Shiraz, Phase Four Report, **Shiraz Municipality**, July 2022.
141. *Suggestions for pedestrians trips*, Comprehensive Pedestrian Trips Studies of Shiraz, Phase Five Report, **Shiraz Municipality**, July 2022.

Planning of the 19th International Conference on Traffic & Transportation Engineering

142. *Preliminary proceedings*, Planning of the 19th International Conference on Traffic & Transportation Engineering, Phase One Report, **Tehran Traffic & Transportation Organization**, December 2022.
143. *Establishing the scientific committees*, Planning of the 19th International Conference on Traffic & Transportation Engineering, Phase Two Report, **Tehran Traffic & Transportation Organization**, April 2023.
144. *Summary and achievements*, Planning of the 19th International Conference on Traffic & Transportation Engineering, Phase Three Report, **Tehran Traffic & Transportation Organization**, April 2023.

Kerman Comprehensive Transportation & Traffic Studies

145. *Status quo analysis*, Kerman Comprehensive Transportation & Traffic Studies, Phase One Report, **Kerman Municipality**, March 2023.
146. *Data collection*, Kerman Comprehensive Transportation & Traffic Studies, Phase Two Report, **Kerman Municipality**, September 2023.
147. *Modeling & Data Analysis*, Kerman Comprehensive Transportation & Traffic Studies, Phase Two Report, **Kerman Municipality**, February 2025.

12 Training Courses

1. *From Waste Water to Fresh Water: Technical & Socio-Economic Aspects of a Vital Resource*, International Summer School Envisummer 2003, University of Paderborn, Paderborn, Germany, 27 July - 8 August, 2003.
2. *Environmental Techniques, Monitoring & Risk Assessment of Contaminated Sites*, International Summer School Envisummer 2002, Brandenburg University of Technology (BTU), Cottbus, Germany, 25 August - 7 September, 2002.
3. *National Construction Regulations; Savings in Energy Consumption*, Iranian Construction Engineers Organization, Tehran, Iran, 3 day crash course, 2002.

13 Journal Referees

1. *The Journal of E-working (JOE)*, 2007-2008 (English).
2. *International Journal of Engineering (IJE)*, Materials & Energy Research Center, Tehran, Iran, since 2008 (English).
3. *International Journal of the Physical Sciences (IJPS)*, United States, since 2011 (English).

4. *Iranian Journal of Science & Technology (IJST)*, Transactions of Civil Engineering, Shiraz University, Shiraz, Iran, since 2012 (English).
5. *Civil Engineering Infrastructures Journal (CEIJ)*, University College of Engineering, Tehran University, Tehran, Iran, since 2012 (English).
6. *International Journal of Transportation Engineering (IJTE)*, Tarrahan Parseh Transportation Research Institute & Iranian Association of Transportation Engineering, Tehran, Iran, since 2012 (English).
7. *Journal of Transport & Land Use (JTLU)*, World Society for Transport & Land Use Research, University of Minnesota, Tehran, USA, since 2013 (English).
8. *Proceedings of the Institution of Civil Engineers (ICE)- Transport*, ICE Virtual Library, since 2013 (English)
9. *Scientia Iranica*, Sharif University of Technology, Tehran, Iran, since 2014 (in English).
10. *Journal of Civil Engineering*, Sharif University of Technology, Tehran, Iran, since 2011 (Farsi).
11. *Journal of Transportation Engineering*, Iranian Society of Transportation Engineering, Tehran, Iran, since 2009 (Farsi).
12. *Journal of Transportation Research*, Transportation Research Institute, Tehran, Iran, since 2009 (Farsi).
13. *Journal of Civil Engineering*, Tarbiat Modares University, Tehran, Iran, since 2009 (Farsi).
14. *Journal of Civil Engineering*, Ferdowsi University, Mashad, Iran, since 2010 (Farsi).
15. *Economic Researches*, Shahid Chamran University, Ahwaz, Iran, since 2008 (Farsi).
16. *Research Journal of Human & Social Sciences*, Mazandaran University, Babolsar, Iran, since 2007 (Farsi).
17. *Iran Economic Researches Scientific Journal*, Allameh Tabatabaee University, Tehran, Iran, since 2005 (Farsi).
18. *Journal of Engineering*, Tarbiat Modares University, Tehran, Iran (Farsi).
19. *Two Quarterly Journal of Urban Management*, Organization of Municipalities & Villages of the Country (Farsi).
20. *Journal of Urban Studies*, Kurdistan University (Farsi).
21. *Armanshahr Architecture & Urban Development journal*, The Ministry of Science, Research & Technology of Iran (Farsi).
22. *Human Geography Research Quarterly*, Institute of Geography, University of Tehran (Farsi).
23. *Quarterly Energy Economics Review*, Institute of International Energy Studies, Petroleum Ministry (Farsi).
24. *Quarterly Economic Research Journal*, Faculty of Economics, Tarbiat Modares University (Farsi).
25. *Modares Semiannual Art*, Faculty of Art, Tarbiat Modares University (Farsi).
26. *Journal of Traffic Engineering*, Tehran Municipality Transportation & Traffic Organization (Farsi).
27. *Quarterly Journal of Traffic Management Studies*, Traffic Police School (Farsi).
28. *Road Journal*, Road, Housing & Urban Development Research Center (Farsi).
29. *Rahvar Magazine*, Naja Police Applied Research Center (Farsi).