

I. PERSONAL INFORMATION:

Name: Mahmoud Saffarzadeh

Date of Birth: 31/08/1963, Shahr Babak

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II. EDUCATIONAL RECORDS:

B.Sc Civil Engineering, Bahonar University, Kerman, 1987

M.Sc Transportation and Planning Engineering, Carleton University, Ottawa, 1991

Ph.D. Transportation and Planning Engineering, Carleton University, Ottawa, 1995

III. ACADEMIC EXPERIENCES:

- Professor, Tarbiat Modarres University, Tehran, Iran, (2008)
- Associate Professor, Tarbiat Modarres University, Tehran, Iran, (2001-2008)
- Assistant Professor, Tarbiat Modarres University, Tehran, Iran. (1995-2001)
- Teaching Assistant, Carleton University, Ottawa, Canada, (1989-1995)
- Teaching Assistant, Bahonar University, Kerman, Iran, (1985-1987)

V. RESEARCH INTERESTS:

- 1) Planning & Design of Airports
- 2) Transportation Terminals
- 3) Traffic Engineering
- 4) Transportation Safety
- 5) Advanced Highway Design
- 6) Intelligent Transportation System

IV. BOOKS:

1. Airport Planning and Design (Volume I: Planning, Volume II: Design), Mahmoud Saffarzadeh, Gholamreza Maasoumi, Navid Nadimi, Winter 2015
2. Mahmoud Saffarzadeh., "Traffic and Transportation Engineering", Volumes I & II, Third Edition, Tarbiat Modares University Press, 2015.
3. Mahoud Saffarzadeh, Ramtin Bagheri, "How to make two lane roads Safer, Law Enforcement publication, winter 2012.
4. Mahmoud Saffarzadeh, 'Geometric Design of Highways and Streets', Vol. 1, Transportation Research Institute, Iran, June 2009.
5. Mahmoud Saffarzadeh, 'Geometric Design of Highways and Streets', Volume 2 and 3, Transportation Research Institute, Iran, August 2009.
6. Mahmoud Saffarzadeh, "Marine Transportation", Ports & Shipping Agency, 2006.
7. Mahmoud Saffarzadeh, Farzad Rahimi, "Noise Pollutions of Transportation System", Environment Protection Agency Nov., 2003.

8. Mahmoud Saffarzadeh, "Airport Master Planning Manual", Research and Education Center, Ministry of Road and Transportation, Tehran, Iran 1997.

V. RESEARCH PROJECTS:

1. Providing and development of a set of dangerous material transportation safety sheet, Ministry of Road and Transportation Research Institute, 2013.
2. The comprehensive studies on transportation and providing the strategic management of Tehran highways, The Total Road and Urban Development Company, 2012.
3. Research conducted on probability of application of smart cards in Tehran, Traffic Control Company, 2012.
4. Providing the requirement and alternatives related to navigation implementation based Iran performance criteria, Transportation research Institute, 2011.
5. Tehran Multi-airport network studies, Imam Khomeini International Airport, 2011.
6. The revision of Airport Airside Design Manual, No. 233, Planning and Management Organization, 2010.
7. Evaluation of probability intelligence system application in disaster management cycle, Transportation Research Institute, 2010.
8. Development of a Model to Forecast the Fleet Size and its Category for the 20 Year Horizon, Civil Aviation Organization, Tehran, Iran, 2009.
9. Providing the location, design and implementation of highway light systems, Transportation Research Institute, 2009.
10. Mashhad Transportation and Traffic Comprehensive Plan, Mashhad Municipality, 2009.
11. Providing the traffic calming standard, Tehran Municipality, 2009.
12. Providing the urban hierarchy performance standard, Tehran Municipality, 2009.
13. Airport Landside Design Manual, No. 197, Planning and Management Organization, 2000.
14. Effective Parameters of Developing Air Transport Market in Iran, Transportation Research Institute, Iran, 2008.
15. An Optimum Budget Allocation Model for Repair and Maintenance of Roads, Ministry of Roads and Transportation, Iran, 2008.
16. An Optimum Site Selection Model for Road Lighting, Transportation Research Institute, 2008.
17. Determination of New Technology for Repair and Maintenance of Roads, Ministry of Roads and Transportation, Iran, 2008.
18. Providing the rehabilitation and maintenance budget allocation model on highway preservation activities, Study and Research Office of Ministry of Road and Transportation, 2008.
19. Road Safety Manual, Seven Volume, Publication No. 231, Planning and Management Organization, 2006.
20. Design Manual of Ports and Offshore Structures, Eleven Volumes, No. 240, Planning and Management Organization, 2005.
21. Providing the transportation safety strategy of Iran, 2005.
22. Design Manual of Asphalt Concrete Pavement, No. 234, Planning and Management Organization, 2002.

23. Airport Airside Design Manual, No. 233, Planning and Management Organization, 2001.
24. Abstract Proceeding of 8th International Conference of Transportation, Belgium, Research and Education Road and Urban Development Publication Center.
25. Consideration of problems and deficiencies in freight transportation, Road and Transportation Research and Training Center.

VI. Memberships and Affiliations:

1. Member of High Council Committee of Transportation and Civil, Ministry of Science and research and technology.
2. Member of International Conference of Science, Engineering and Environmental Technologies (CESET).
3. Member of the Iranian Association of Transportation and Traffic Engineering, 1995.
4. Member of the Railroad Research Council, 1999.
5. Member of the Scientific Committee of the Regional Conference on Transportation and Traffic Engineering, 2004.
6. Member of the National Geographic Information Working Group of the High Council of Information Dissemination, 2004.
7. Member of the Board of Technical Committee for Interurban Roads of Permanent International Association of Road Congress 2002.
8. Member of the Housing and Urban Development Committee of the Industrial Commission of National Scientific Research Council, 1997.
9. Member of the High Council on Aviation Studies, 1998.
10. Member of The Board of Directors Specialized Traffic Group, Professional Engineering Organization, 1997.
11. Member of the Railroad Development Consulting Company (Metra), 2002.
12. Member of International Road Federation (IRF), 2004.
13. Member of the Editorial Board of The Roads Journal (Jaddeh), 1999.
14. Member of the Board of Directors, Transportation and Traffic Organization, 2005.
15. Member of the Technical High Council of Transportation Infrastructures, 2006.
16. Member and Board of Directors, Iranian Society of Railroad Engineering, 2006.
17. Member and Board of Directors, Iranian Society of Transportation Engineering, 2006.
18. Member of the Board of Directors of the Middle East Marine Engineering Services (Tidewater), 1998.
19. Member of the International Society on Energy Economics (IAEE), 2003.
20. Member of the World Conference Transportation Research Society (WCTRS), 2004.
21. Member of the Aviation Transportation Research Society (ATRS), 2005.
22. Member of the Society of Value Engineering (SAVE), 1999.
23. Member of the Iranian Society of Civil Engineering, 1996.
24. Member of Reviewers Committee of International Civil Engineering Congress,

VII. Work Experiences:

1. Head of Research and Technology High Council, Ministry of Road and Urban Development.
2. The manager of Traffic and Transportation Organization of Tehran Municipality.
3. Deputy of Research and Technology of Road, Housing and Urban Development Research Center.
4. Deputy Head and director general of private research organization union.
5. Dean of Faculty of Civil and Environmental Engineering, Tarbiat Modares University.
6. Editor-in Chief, International Journal of Transportation Engineering (IJTE).
7. Research Deputy of Faculty of Engineering, Tarbiat Modares University.
8. Director of Road and Transportation Department, Tarbiat Modares University.
9. Editor In Chief, RAHVAR, Journal.
10. Editor In Chief, Journal of Traffic Management Studies.
11. Member of the Editorial Board of the Civil Engineering Journal, Tarbiat Modares University.
12. Head of development and supplementation of Transportation Infrastructures Expert Group , International Transit Festival
13. Editor In Chief, Journal of Transportation Engineering (JTE).
14. Head of Traffic and Transportation Committee for the International Logistic and Supply Chain Conference.
15. Member of Traffic research council for the Municipality of Tehran.
16. Vice President of Iranian Traffic Expert Society.
17. Head of Scientific Committee, the transportation and Traffic Conferences.
18. Head of the Roads and Transportation Research and Education Center.
19. Secretary, High Technical Council on Transportation Infrastructures.
20. Research Deputy of Transportation Research Institute.
21. The member of Aviation High Committee
22. Iran Aviation Organization consultant.
23. Secretary of the National Council for Reviewing, Evaluating and Approval of Comprehensive Transportation Studies.
24. Member of the Board of Directors, Meteorological Research Institute.
25. Secretary, Council on Transportation Policies.
26. President, Headquarters on Transportation Comprehensive Studies.
27. Member of the Permanent Commission of the Board of Directors of Transportation Research Institute.
28. The member of High Council of Iran Aviation Organization Studies.
29. The supervisor of Ministry of Road and Transportation research and Training Center.
30. Editor in chief of Advances in Traffic Engineering Journal.

VIII. Achievements:

1. Receiving Appreciation Letter from as a pioneer in traffic and transportation science from Tehran Construction Engineering Organization.
2. Receiving Appreciation Letter from the members of 14th conference on Housing Development policies in Iran, 2014.
3. Receiving Appreciation Letter as the Exemplary researcher in the field of transportation engineering from 16th International Conference of railway transportation.
4. Appreciation Letter for Publishing the Best Book in Traffic Engineering, at the International Festival of City Management, Tehran, 2012.
5. First Top Student in the High School Diploma (Mathematics & Physics), at Kerman Province (grade 19.11)
6. First Top Graduate at Civil Engineering, B.Sc. Course in Kerman University, 1987.
7. Top Graduate at the MSc. Course in Carleton University and Gaining the Grant for Ph.D. in Canada, 1990.
8. Top Graduate and Student in Ph.D. Course and Granted for Tuition Fee Waiver, 1990.
9. Distinguished Researcher at Tarbiat Modares University, Tehran, Iran 2002-2005.
10. Exemplary University Researcher at the Academic years of 2006 and 2007.
11. Distinguished Lecturer at Tarbiat Modares University, Tehran, Iran, 2001.
12. First Top Researcher in the Field of Road and Transportation in year 2000.
13. Appreciation Letter of Participation in the Supporting Role of Governments of Railroad Transportation
14. Top Employee of the Ministry of Roads and Transportation, at Rajaiee Scientific Festival, 2002.
15. Presentation of the Top Paper at the Second Technology Management Conference, 2005.
16. Appreciation Letter from Ministry of Roads and Transportation for holding the 6th Conference on Rail Transportation Management and Policy Studies, 2000.
17. Receiving Appreciation Letter from the Head of Planning and Budget Organization for the First Conference on Marine Industry, 1998.
18. Receiving Appreciation Letter from the Secretary of the International Council on Energy Economics for Participation in National Energy Conference, 2000-2002.
19. Presentation of the Top Paper at the Fourth, Fifth and Sixth International Conference on Transportation and Traffic Engineering Conference, 2001-2002.
20. Presentation of the Top Paper at the Fourth and Sixth Railroad Engineering Conference, 2001-2002.
21. Receiving Appreciation Letter at the National Civil Engineering Students Festival, 2001- 2003.
22. Receiving Appreciation Letter for Publishing the Best Book in the Field of Roads and Transportation (at the Research Week Festival), 2004.
23. Presentation of the Top Paper at the Fourth Conference on Quality Management, 2003.

24. Receiving Appreciation Letter from Isfahan Municipality for Presentation a Paper at the Citizenship Cultural Development Alternatives Conference, 2004.
25. Receiving Appreciation Letter at the 10th National Civil Engineering Students Conference, as the Member of the Referees of the Conference, 2005.

IX. Journal PAPERS:

- ✓ Majid Zabihi, Mahmoud Saffarzadeh, Syedehsan Seyedabrishami, “Identification of the effective factors on passengers’ international air flight mode”, Journal of Transportation Research, Acceptor, 2016.
- ✓ Majid Zabihi, A. Mazaheri, S. Seyedabrishami, M. Saffarzadeh “Analysis of Iranian Air Passengers’ Behavior Choosing Airlines in International Flights (Case study: Southeast Asia Flights)”, Journal of Transportation Engineering, Volume 7, Issue 4, Summer 2016, Page 615-627.
- ✓ Alireza Mahpour, Amirreza Mamdouhi, Mahmoud Saffarzadeh, Taha Hoseinrasidi, “Providing the Integrated Model of destination choose of cloth shopping trips using Structural Equation Modeling”, Modraes Civil Engineering Journal, 2016, Accepted.
- ✓ Alireza Mahpour, Amirreza Mamdouhi, Mahmoud Saffarzadeh, Taha Hoseinrasidi, “The Analytical Analysis on simultaneous role of Parking Lots and Food courts in Travel Generation to Trade Centers”, Sahrif Journal, 2016, Accepted.
- ✓ Alireza Mahpour, Amirreza Mamdouhi, Mahmoud Saffarzadeh, Taha Hoseinrasidi, “Identification of effective personal factors on client attraction to trade centers, Tehran Case study”, Journal of Business Management, 2016, accepted.
- ✓ Alireza Mahpour, Amirreza Mamdouhi, Mahmoud Saffarzadeh, Taha Hoseinrasidi, “Determination of effective factors on Tehran Bazar shopping destination using Structural Equation Modeling”, Human Geography Research Quarterly, 2016, accepted.
- ✓ Ali Khaksari, Elnaz Naseri, Mahmoud Saffarzadeh, “Evaluation and implementation of Complete street in Iran to obtain local base sustainable development (Case study: Iran Zamin Street, Tehran)”, Journal of Transportation Engineering (9-a-105)
- ✓ Hooman Alenouri, Sayed Mehdi Meshkani, Mahmoud Saffarzadeh, Saied Sherafatipour, “Locating Even-and-Odd zone entrance cameras by maximum infraction coverage approach”, Journal of Transportation Engineering, (9-a-104)
- ✓ Mahmoud Saffarzadeh, Ali Abdi, “Hysteresis phenomenon Analysis in Stop-and-Go traffic flow based on behavioral evaluation of a driver after the disturbance”, transportation research Journal, Code:93-1658 (9-a-103)
- ✓ Mahmoud Saffarzadeh, Ali Abdi, “Measuring and identification of Hysteresis phenomenon based on Kinematic wave and driver behavior”, Traffic Engineering Journal, Code:1393-781 (9-a-102)
- ✓ Mahmoud Saffarzadeh, Seyed Ehsan Seyedabrishami, Sajad Hasanpour, “Route Evaluation for Hazardous Material Based on Risk Analysis: Case Study of Tehran-Mazandaran Roads”, Journal of Transportation Engineering, Volume 7, Issue 1, Spring 2015, Page 73-86.

- ✓ Mojtaba Kazemi, Mahmud Saffarzadeh, Hadi Movaghari, Mohsen Fallah zavare, “A Method for Estimating Costs of Road Traffic Crashes in Iran, Journal of Transportation Engineering, Volume 6, Issue 4, Summer 2015, Page 627-640.
- ✓ Amin mirza Boroujerdian, Mahmoud Saffarzade, Ali Ghasemzadeh Khoshgroudi, “Using Spatial Autoregressive Lag Model to Predict Crash Rates in Roads Segments (Maximum Likelihood Estimation)”, Volume 6, Issue 3, Summer 2015, Page 383-396 .
- ✓ Mahmoud Saffarzadeh, et. Al., “Considering the Effect of Road Pricing on Modal Choice by Preferences and Choice Method” The Modareds Journal of Civil Engineering, To be published, Volume 14, Issue 4, Winter 2015, Page 137-148 . (9-a-95)
- ✓ Aminmirza Boroujerdian, Mahmoud Saffarzadeh, Asghar Mousavi, “ Safety Evaluation of converting Two Lane Roads to Four Lane Roads” Rahvar Scientific Research Journal, No. Fall 2014 (9-a-101)
- ✓ Seyed Ramtin Bagheri, Mahmoud Saffarzade, “Estimation of proposing a new model to reduce probability of bird accident with airplane”, Jadeh Journal, (9-a-100)
- ✓ Mohammad Tamanai, Mahmoud Saffarzadeh, Amin Jamili, Seyed Ehsan Seyedabrishami, “Rail Departure Timing Using Branch and Bound Algorithm and beam search” Journal of Transportation Engineering, Code: 92-1238, (9-a-99)
- ✓ Aminreza Mamdouhi, Mahmoud Saffarzadeh, Siavash Shojaat, “A Stochastic Approach to Freeway Capacity Estimation: Tehran-Karaj Freeway Case Study” The Modares Journal of Civil Engineering, Volume 4, No. 2, Summer 2014, (9-a-98)
- ✓ Mahmoud Saffarzadeh et. al., “Locating the Even-Odd Zone cameras by Obtaining the maximum Coverage of Infractions” Journal of Transportation Engineering, Vol. 4, No. 2, Winter 2014, (9-a-97)
- ✓ Mahmoud Saffarzadeh, et. Al., “Determination of Optimal Tariff for vehicle Ownership and Vehicle Use by minimizing the external Costs” Quarterly Journal of Transportation Engineering, to be published. (9-a-96)
- ✓ A. Bazargani, A. Mamdouhi, M. Saffarzade, “Development of Linear Programming Model to Achieve Optimal Ramp Metering: Hemat Highway Case Study). The Modareds Journal of Civil Engineering, Volume 14, especial summer, Summer 2014, Page 147-158. (9-a-94)
- ✓ Mahmoud Saffarzadeh, et. Al., “A Method to Estimate Coefficients of Trip Demand Matrix in Ramp Metering Optimization Models”, Journal of Traffic Engineering, May 2013. (9-a-93)
- ✓ Mahmoud Saffarzadeh, et, Al., “ A communication Algorithm for Automatic Vehicle Location in Disaster Management”, Journal of Transportation Technology, Vol. 6, No. 17. Pp73-80, winter 2012. (9-a-88)
- ✓ Mahmoud saffarzadeh, et. Al., “ Offering trains time schedule model by consideration of special restrictions on single lane road in Iran Rail network”, Quarterly Journal of Transportation Engineering, Vol. 4, No. 2, pp. 73-80, winter 2012. (9-a-93)

- ✓ Mahmoud Saffarzadeh et. Al., "Sensitivity analysis on road transportation network with simultaneous change in demand and supply in disaster time", Quarterly journal of traffic management, Vo. 7, No. 26, fall 2012. (9-a-91)
- ✓ 4) Mahmoud Saffarzadeh et. al., "Development of Sped-Density model on the basis of local stream data, Tehran- Qom freeway", Vol. 7, No. 25, summer 2010. (9-a-90)
- ✓ Mahmoud Saffarzadeh, et. Al., "A Safety Evaluation Method based on the Fatal Accident Data", RAHVAR Quarterly Journal, Vo. 9 No. 18, PP 85-104, Summer 2012. (9-a-89)
- ✓ Mahmoud Saffarzadeh, et. Al., "Comparative Study of Traffic Fines in Iran with other Countries", RAHVAR Quarterly Journal, Vo. 9 No. 17, PP 59-74, Spring 2012. (9-a-86)
- ✓ Mahmoud Saffarzadeh, et. Al., "Analysis of Pedestrian accident in Iran and Proposing Solutions for its alleviation", Journal of Jaddeh, No. 69 PP233-248, Winter 2011. (9-a-85)
- ✓ Mahmoud Saffarzadeh, and Babak Mirbaha., "Economic Evaluation of Infrastructure Development at Congested Urban Corridors", Sharif University Research Journal, Vol. 2, No. 3, PP 65-73, Winter 2011. (9-a-84)
- ✓ Mahmoud Saffarzadeh, et. Al., "An Optimum Route Selection Model for Public Transportation and Bus Rapid Transit", Journal of Transportation Engineering, Vol. 2, No.4, PP 303-316, summer 2011. (9-a-84)
- ✓ Mahmoud Saffarzadeh, et. Al., "Risk Evaluation of Dangerous Good Movement in Roads, RAHVAR Journal, Vol.8, No. 16, PP 7-18, Winter 2011. (9-a-83)
- ✓ Mahmoud Saffarzadeh, et. Al., "Application of Simulation in Car-Following Model of Traffic studies", RAHVAR Journal, Vol.8, No. 15, PP 59-74, autumn 2011. (9-a-82)
- ✓ Mahmoud Saffarzadeh, et. Al., "Using NGSIM data as a Useful tool in in Simulation of Traffic Flow", RAHVAR Journal, Vol.8, No. 14, PP 65-76, summer 2011. (9-a-81)
- ✓ Mahmoud Saffarzadeh, and Reza Assedolahi, "Development of a Model for Design of Bicycle Route Network; Case Study, Qom", Journal of Transportation Engineering, Vol. 8 No. 2, pp 101-105, summer 2011. (9-a-80)
- ✓ Mahmoud Saffarzadeh, and Majid Zabihi, "An Optimum model for the Hub and Spoke Network based on Air Traffic demand", Research Journal of Modares, Vol. 11, No., 4, PP 57-68, Winter 2011. (9-a-79)
- ✓ Mahmoud Saffarzadeh, and Ramtin Bagheri, "Comparison of Pedestrian Walkway Facilities to improve their safety and Prevent Accident", Traffic Management Studies Journal, spring 2011. (9-a-74)
- ✓ Mahmoud Saffarzadeh, and Maryam Nakhaiee, "Development of a Pricing Model for on-Street Parking to increase parking Garages", Transportation Research Journal, Vol. 7, No. 4, PP 375-388 winter 2010. (9-a-77)
- ✓ Mahmoud Saffarzadeh, and Shahab Hassanpour, "Airport Classification based on operational and Level of Service Using AHP", Modares Research Journal, Vol. 10, No. 4, PP 33-47, Winter 2010. (9-a-76)

- ✓ Mahmoud Saffarzadeh, et. Al., "Studying the Causes and Factors Effective in Reducing Rural Accidents in Iran Using Regression Models of LR, CRT and GLM", Journal of Disciplinary Knowledge, Vol. 12, No. 1, 2010. (9-a-75)
- ✓ Seyyed Saber Nasser Alavi, Mahmoud Saffarzadeh, Navid Nadimi and Amir Reza Mamdouhi, "Using Time-to-accident Index to Enhance the Regression Model of the GHR Vehicle Chasing in Negative Acceleration", Modares Civil Engineering Journal, Vol. 11, No. 1, 2011. (9-a-73)
- ✓ Mahmoud Saffarzadeh and Ali Torabi, "Development of a Model to Determine the Optimum Corridor Considering Environmental Conditions in GIS", Journal of Traffic Engineering, Vol. 11, No. 44, 2010. (9-a-72)
- ✓ Mohsen Hadigheh Javani, Mahmoud Saffarzadeh and Seyyed Saber Nasser Alavi, "Studying a Prioritization Model to Increase Pedestrian Safety in Walkways Using Artificial Neural Networks (ANN)", Journal of Traffic Management Studies, Vol. 5, No. 16, 2010. (9-a-71)
- ✓ Seyed Saber Nasser Alavi, Mahmoud Saffarzadeh and Navid Nadimi, "Estimation of the Behavior of Vehicle Chasing Using the Principles of Differential Equation", Journal of Transportation Research, Vol. 7. No. 3, 2010. (9-a-70)
- ✓ Seyed Saber Nasser Alavi, Mahmoud Saffarzadeh, Amir Reza Mamdouhi and Navid Nadidmi, "Introduction of an Emergency Braking Safety Index for In-time Recognition of Rear-End Collision", Transportation Engineering, Vol. 1, No. 3, 2010. (9-a-69)
- ✓ Mahmoud Saffarzadeh, et. Al., "Using Time-to-accident Index for Development of Accident Prevention Systems", Journal of Traffic Engineering at Tehran Transportation and Traffic Organization, Number 43, 2010. (9-a-68)
- ✓ Mahmoud Saffarzadeh, Yashar Zeinali, "An Optimum Site Selection Model for Trade Logistic Centers to Serve Goods Transit in ECHO", Transportation Engineering Journal, Vol. 1, Number 2, Feb. 2010. (9-a-67)
- ✓ Mahmoud Saffarzadeh, et., el., "Evaluation of Car Following Model in Traffic Flow Simulation Using VISSIM", Rahvar Journal, Vol. 7, No. 9, March 2010. (9-a-66)
- ✓ Mahmoud Saffarzadeh, Mohsen Zahedi, "Effect of Pavement Roughness and Lighting on Freeway Free Flow Speed", Transportation Research Journal, Vol. 7, No. 1, April 2010.(9-a-65)
- ✓ Mahmoud Saffarzadeh, Maghsood Pooriari, " Evaluation of Bus Trip Risk in an Intercity Major Highway", Traffic Management Journal, Vol. 4, No. 14, Nov. 2009.(9-a-64)
- ✓ Sayed Saber Naser Alavi, Mahmoud Saffarzadeh, Mostafa Adresi, "Evaluation and comparison of safety measurement methods according to accidents and vehicle interaction data", RAHVAR journal, Vol. 6, No. 6, PP. 23-40, summer 2009. (9-a-60)
- ✓ Mahmoud Saffarzadeh, Kambiz Mostofi, " Demand Diversion of Air Transit in the Over Flight Sector", Journal of Civil Engineering, University of Mashhad, Vol. 21, No. 1, Sept. 2009. (9-a-63)
- ✓ Mahmoud Saffarzadeh, et., el., "The Role of Human Factors in Severity of Road Accident Based on LR and CART regression Models, Journal of Traffic Management Studies, Vol. 4, No. 13, 2009.(9-a-62)

- ✓ Mahmoud Saffarzadeh & Saber Alavi, "Fleet Planning Based on the Research optimum Methods", Journal of Transportation Research, Vol. 6, No. 2, 2009. (9-a-61)
- ✓ Mahmoud Saffarzadeh, et., el.," Economic Evaluation of Using Compressed Natural Gas in Tehran Bus Transportation System, Journal of Transportation Research , Vol. 6, No. 1, 2008. (9-a- 60)
- ✓ Mahmoud Saffarzadeh, Ali Abdi, "Effective Parameters on Safety of Aircraft Landing Based on the Capacity of Airport Airside", Journal of Roads No. 65, 2009. (9-a- 59)
- ✓ Mahmoud Saffarzadeh, et., el.," Evaluating the Visibility of Highway Information Signs Based on Mathematical Models", Journal of Traffic Management Studies, Vol. 3, No. 11, 2009. (9-a- 57)
- ✓ Mahmoud Saffarzadeh, et., el.," Developing a Model for Selecting At-grade Intersection or Interchange on Multilane Highways", Journal of RAHVAR, Vol. 5, No. 3, 2008. (9-a- 56)
- ✓ Mahmoud Saffarzadeh, et. Al., "Capacity Assessment of Commercial Ports in the next Twenty Years", Journal of Roads No. 62, 2008. (9-a- 55)
- ✓ Mahmoud Saffarzadeh, H. Tazar," The Role Comfort and Convenience on the Increase of Public Transportation Demand", Journal of Traffic Management Studies, Vol. 3, No. 9, 2008. (9-a- 54)
- ✓ Mahmoud Saffarzadeh, et. el.," A New Model in Runway Operation Management to Increase Airport Airside" Journal of Transportation Research, Vol. 5, No. 62, 2008. (9-a- 53)
- ✓ Mahmoud Saffarzadeh, et., el.," Identification of Effective Parameters in Prioritizing Accident Prone Areas Based on Group AHP", Journal of Transportation Research, Vol. 5, No. 2, 2008. (9-a- 52)
- ✓ Mahmoud Saffarzadeh, Ali Babazadeh, "Application of Horizontal and Vertical Transition Curves in Road Geometric Design", Journal of Transportation Research, Vol. 5, No.61, 2008. (9-a- 51)
- ✓ Mahmoud Saffarzadeh, & Shahin Shabani, "An Accident Forecasting Model for Horizontal Curves in Intercity Roads", Journal of Transportation Research, Vol. 4 No.3, 2007. (9-a- 50)
- ✓ Mahmoud Saffarzadeh, & Hadi Ganji, "Using Bayesian Theory to Determine Risk in Homogenous Road Sections", Journal of Transportation Research, Vol. 4 No. 4, 2007. (9-a- 49)
- ✓ Mahmoud Saffarzadeh, & Babak Mirbaha, "Development of Operational Process of ITS in Traffic Management of Roads, Journal of Road, No. 60, 2007. (9-a- 48)
- ✓ Mahmoud Saffarzadeh, & Mohammad Erfani," An Economic Evaluation Model to Evaluate Urban Intelligent Transportation Systems, Journal of Road, No. 59, 2008. (9-a- 47)
- ✓ M. Saffarzadeh, S.M. Dibaj, "Evaluation Aviation Accident and Offering Proper Solution", Road Journal, No. 58, Tehran/Iran, summer 2007. (9-a- 46)
- ✓ M.Saffarzadeh et. al, "A Mathematical Model for Measuring Fuel Productivity in Land Transportation", Quarterly Economic Researches, Summer 2007. (9-a- 45)

- ✓ M.Saffarzadeh, V. Abolhassan nejhada, "Development of Cause-Oriented Prioritization Model to Identify Hazardous Road Segment for Pedestrians", Tehran Engineering Research Journal, (Accepted), Tehran, Iran, 2006. (9-a- 44)
- ✓ Mahmoud Saffarzadeh, V. Abolhassan nejhada,"Modification of Road Accident Report Form in Iran Based on Importance of Accident Causes", Road Journal, No. 57, Tehran/Iran, spring 2007. (9-a- 43)
- ✓ M. Saffarzadeh, B. Mirbaha, "Presenting a Regional ITS Architected Pattern", Transportation Research Journal, winter 2007. (9-a- 42)
- ✓ M. Saffarzadeh, V. Abolhassan Nezhad, "Presenting a Pattern for Planning and Implementing Ways and Means of Traffic Calming", Traffic Management Journal, 1st Year, No. 3, Tehran/Iran, Winter 2007. (9-a- 41)
- ✓ M. Saffarzadeh et. al., "Techno-Economical Comparison of Surface Asphalt and Hot Asphalt Concrete in Minor and Rural Roads", Road Journal, No. 56, Tehran/Iran, winter 2007. (9-a- 40)
- ✓ M. Saffarzadeh & A. Abdi, "Analysis of Effective Factors in the Capacity of Airport Flight Operations Field with Emphasis on Runways", Road Journal, No. 56, Tehran/Iran, Winter 2007. (9-a- 39)
- ✓ M. Saffarzadeh & M. Erfaani, "Presenting a Pattern for Analyzing the Benefits of Urban ITSs", Traffic Innovation Journal, 8th Year, No. 30, Tehran/Iran, autumn 2006. (9-a- 38)
- ✓ Mahmoud Saffarzadeh, Maghsood Poryari, "Developing a Safety Indent for Intercity Rural Roads" Modares Engineering Research Journal, Tehran, Iran, 2006. (9-a- 37)
- ✓ A. kavoosi, M. Saffarzadeh & M. Esmalee, "Individual Study Using Pavement Design "Pave Mode Design" Software", Road. Journal, No. 55, Tehran/Iran, autumn 2006. (9-a- 36)
- ✓ M. Saffarzadeh, et. Al., "Development of a Pavement Management Model At the Project Level by Analytical Hierarchy Process (AHP).", Transportation Research Journal, summer 2006. (9-a- 35)
- ✓ M. Saffarzadeh & M. Zahedi, "Dynamic Planning for the Bus System Schedules", Road. Journal. No. 54, Tehran/Iran, Summer 2006. (9-a- 34)
- ✓ M. Saffarzadeh & Sh. Norooni, "Methodology for Using ITS (Intelligent Transportation System) in Urban Transportation Studies", Raahvar Scientific Journal, No. 13, 3rd Year, Tehran/Iran, Sep. 2006. (9-a- 33)
- ✓ M. Saffarzadeh & M. Asad Amraji, "Evaluation of Road & Traffic Parameters on Mountainous Roads Landside Events", Transportation Research Journal, 3rd year, No. 4. Winter 2007. (9-a- 32)
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