

In The Name Of God

Mohammad Atghaei Kordkolaei

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Ph.D. Candidate

Highway & Transportation Eng.
Babol Noshirvani University of Technology

Research Interests:

Traffic Safety - Driver Behavior
Guide Signs - Geometric Design of Roads

- **Educational Status**

Grade	Field of Study	University	Graduation year
B.Sc.	Civil Engineering	Babol Noshirvani University of Technology – IR Iran	2013
M.Sc.	Highway & Transportation Engineering	Babol Noshirvani University of Technology – IR Iran	2015
Ph.D.	Highway & Transportation Engineering	Babol Noshirvani University of Technology – IR Iran	Studying
Visiting Research Scholar	Highway & Transportation Engineering	Universitat Politècnica de València (UPV) - Spain	2023-2024

- **Research Activities**

The subject of Ph.D. thesis :

Evaluation of Drivers' Behaviour confronted with the Guide Signs at highway interchanges using a driving simulator system

Supervisor: Dr. Saeid Hesami
Associated Professor
Babol Noshirvani University of Technology

The subject of M.Sc. thesis :

Assessment legibility of Guide Signs

Supervisor: Dr. Saeid Hesami
Associated Professor
Babol Noshirvani University of Technology

Advisor: Dr. Mahmoud Saffarzadeh
Professor
Tarbiat Modares University

Journal Articles :

Model for Determining Minimum Distance Legibility of Guide Signs Based On Volume of Information (In Persian); Saeid Hesami, Mahmoud Saffarzadeh, AminMirza Boroujerdian, **Mohammad Atghaei** – *Road*; 129-147; 2018

Assessment effect of English words insertion on increasing legibility In guide signs (In Persian); **Mohammad Atghaei**, Saeid Hesami, Mahmoud Saffarzadeh – *Traffic Law Enforcement Research Studies*; 31-48; 2017

Model to Assess Legibility of Guide Signs Based on Driver Expectations (In Persian); Saeid Hesami, **Mohammad Atghaei** – *Journal of Transportation Research*; 23-33; 2016

Prioritization of Roads Name to insert Guide Signs using modeling (Case study: Vali-e-Asr Exp. Sari)(In Persian); Saeid Hesami, **Mohammad Atghaei**, Mahmoud Saffarzadeh, Farshidreza Haghighi – *Road*; 2014

Conference Papers :

New Model for Minimum Legibility Distance of Guide Signs (In Persian); **Mohammad Atghaei**, Saeid Hesami The 18th International Conference on Traffic & Transportation Engineering (ICTTE 18) - Tehran; 2020

Evaluating of Quality of Legibility of Guide Signs by use of Modelling (In Persian); **Mohammad Atghaei**, Saeid Hesami, The 18th International Conference on Traffic & Transportation Engineering (ICTTE 18) - Tehran; 2020

Evaluation of Regulation Regarding Exit Guide Sign Color Combination in Tehran (In Persian); Mahmoud Saffarzadeh, AminMirza Boroujerdian, **Mohammad Atghaei**, Mohammad Sina Semnarshad, The 16th International Conference on Traffic & Transportation Engineering (ICTTE 16) - Tehran; 2017

Providing a Prediction Model on Reaction Time to Guide Signs Based on Words and Symbols Variations (In Persian); Saeid Hesami, Mahmoud Saffarzadeh, **Mohammad Atghaei**, The 16th International Conference on Traffic & Transportation Engineering (ICTTE 16) - Tehran; 2017

Investigation The Effects Of Symbols On Guide Signs Legibility (In Persian); Saeid Hesami, Mahmoud Saffarzadeh, **Mohammad Atghaei**, The 15th International Conference on Traffic & Transportation Engineering (ICTTE 15) - Tehran; 2016

Prioritization Model of Road names to be inserted on the Guide Signs (In Persian); Saeid Hesami, **Mohammad Atghaei**, Mahmoud Saffarzadeh, Farshidreza Haghighi, The 14th International Conference on Traffic & Transportation Engineering (ICTTE 14) - Tehran; 2015

Assessment Safety of U-Turn in Highways based on Safety Index Criteria (In Persian); **Saeid Hesami, Mohammad Atghaei**, The 13th International Conference on Traffic & Transportation Engineering (ICTTE 13) - Tehran; 2014

- Peer Review in Scientific Journals:

1- Transportation Research Part F: Traffic Psychology & Behaviour

- Languages

Native	Foreign Languages
<i>Persian (Native)</i>	<i>English - Spanish</i>

- Projects

Design of Babolsar City Guide Signs; Municipality Of Babolsar City - THTA Co., 2021
Audit Studies for High-Risk Intersections in Sari-Kiasar Road (a part of Asian Highway No. 70 (AH70)); Iran Road Maintenance & Transportation Organization (Mazandaran Branch) – THTA Co., 2020
Geometric Design of Several Intersections in Juybar City; Municipality Of Juybar City – THTA Co., 2020
Design of MahmoudAbad City Guide Signs; Municipality Of MahmoudAbad City - THTA Co., 2020
Geometric Design of Several Intersections in MahmoudAbad City; Municipality Of MahmoudAbad City – THTA Co., 2019
Geometric Design of Several Intersections in Fereydounkenar City; Municipality Of Fereydounkenar City – THTA Co., 2019
Design of Juybar City Guide Signs; Municipality Of Juybar City - THTA Co., 2018
Design of Fereydounkenar City Guide Signs; Municipality Of Fereydounkenar City - THTA Co., 2017
Design of Babol City Guide Signs; Municipality Of Babol City – Omran Tarh Alborz Co., 2017
Design of Sari City Guide Signs; Municipality Of Sari City, 2014
Design of Shiraz City Guide Signs; Municipality Of Shiraz City – Kasra Sepehr Aria Co., 2014
Audit of Guide Signs of Hemmat Expressway in Tehran; Tarahan-e Parseh Transportation Research Institute, 2014

- Executive Records

CEO of THTA Co. (Active In Traffic Safety) ; 2017 – Present / (website : www.thta.ir)
Mayor Consultant Of Sari City (Capital of Mazandaran Province) ; 2009 - 2012
Consultant of Sari Traffic & Transportation Organization; 2013 - 2014
Member of the Transportation Safety Commission In Mazandaran Governorate; 2018 - Present
University lecturer ; 2018 – Present / (Geometric Design – Transportation Eng. & etc.)
Member of Iranian Organization for Engineering Order of Building (Mazandaran Branch); 2015 - Present

- Mastery of Specialized Software

Software:	Grade:
MS Office	<i>Excellent</i>
Autocad	<i>Excellent</i>
Autocad Civil3D	<i>Excellent</i>
SPSS	<i>Good</i>
Expert Choice	<i>Excellent</i>
Corel Draw	<i>Excellent</i>
Free Hand	<i>Excellent</i>
Photoshop	<i>Excellent</i>
Web Design (HTML) – MS Frontpage	<i>Excellent</i>
SWMM	<i>Excellent</i>
Paver	<i>Excellent</i>
Plaxis	<i>Good</i>