**Bryan V. Abolhasannejad, M.Eng, B.Eng**

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**HIGHLIGHTS OF QUALIFICATIONS**

* 10+ years of experience in the Highway and Transportation Engineering,
* Solid background in Road safety management, transportation planning and pavement design,
* Ability to work in a team environment, good communication and presentation skills,
* Multilingual: Fluent in English, Chinese and Persian,
* Excellent written and oral communication skills,
* A solid understanding in AutoCAD, Microstation, ArcGIS and Civil 3D,
* Proficient in MS Office (Outlook, Word, Project, Excel, PowerPoint).

**SKILLS AND EXPERIENCE**

**Road and Highway Engineering**

1. Road safety management and audit
2. Road geometric design
3. Pavement design, construction and maintenance
4. Bridge construction and health monitoring

**Transportation Planning**

1. Travel demand analysis
2. Traffic analysis
3. Traffic signal operations
4. Parking study

**Airport Design and Planning**

1. Design and construction of airport projects including runways, taxiways, aprons, site development

**EMPLOYMENT HISTORY**

**University Lecturer 2008 to present**  
Birjand University of Technology, Birjand, Southern Khorasan, Iran

**Traffic Engineer 2005 – 2008**  
Andishe Negaran Kia Company, Tehran, Iran

## EDUCATION HISTORY

**PhD Candidate, Transportation Engineering 2011 to present**

Southeast University, Nanjing, China

**M.Sc. Degree in Road and Transportation Engineering 2004-2007**  
Tarbiat Modares University, Tehran, Iran  
  
**B.Sc. Degree in Civil Engineering 2000- 2004**Sistan and Balouchestan University, Zahedan, Iran

## Journal Publications

* V[ahideh Abolhasannejad](https://www.sciencedirect.com/science/article/pii/S0003682X17311489), [Rostam Golmohammadi](https://www.sciencedirect.com/science/article/pii/S0003682X17311489), [Mohsen Aliabadi](https://www.sciencedirect.com/science/article/pii/S0003682X17311489), [Ali Reza Soltanian](https://www.sciencedirect.com/science/article/pii/S0003682X17311489), [Hassan Khotanlou](https://www.sciencedirect.com/science/article/pii/S0003682X17311489), [Vahid Abolhasannejad](https://www.sciencedirect.com/science/article/pii/S0003682X17311489), 2018, **An image-based method for non-contact and dynamic room acoustics analysis**, [Applied Acoustics](https://www.sciencedirect.com/science/journal/0003682X), 140, pp. 83–91.
* Vahid Abolhasannejad, Mohammad Salehizadeh, Vahideh Abolhasannejad, Hosein Akhlaghi Nasab, Mahdi Tahernezhad Javazm, Narjes Moasheri, 2017, [**In Vitro Assessment of Pulmonary Exposure of the Packing Workers with Arsenic in Cement Industry**](http://jhst.bums.ac.ir/files/site1/user_files_fae1cf/admin-A-10-1-2-78aaca4.pdf), Journal of Health and Science Technology, 1(1), pp. 49-54.
* Sun, L., Vahid Abolhasannejad, Gao, L. and Li, Y., 2016, **Non-contact optical sensing of asphalt mixture deformation using 3D stereo vision**, Measurement, 85, pp.100-117.
* Monazzam, M.R., Vahideh Abolhasannejad, Moasheri, B.N., Vahid Abolhasannejad and Kardanmoghaddam, H., 2016, **Noise pollution in old and new urban fabric with focus on traffic flow**, Journal of Low Frequency Noise, Vibration and Active Control, 35(4), pp.257-263.
* Boroujerdian, A.M., Fetanat, M. and Vahid Abolhasannejad, 2015, **Identification of high crash road segment using genetic algorithm and dynamic segmentation**, International Journal of Transportation Engineering, 3(2), pp.93-107.
* AM Boroujerdian, M Saffarzadeh, Vahid Abolhasannejad, 2010, [**Developing a model for prioritising high crash road segments**](javascript:void(0)), roceedings of the Institution of Civil Engineers-Transport 163 (1), 19-29.
* Mahmoud Saffarzadeh, Vahid Abolhasannejad, Amin Mirza Boroujerdian, 2008, [**Developing a cause prioritizing model to identify high accident prone segments of roads for pedestrians**](javascript:void(0)), JOURNAL OF FACULTY OF ENGINEERING (UNIVERSITY OF TEHRAN), 42 (4114), pp. 457-467.

## List of Projects

* Developing a New Method for Identification of High Crash Road Segments, Iran,
* A Prioritization Model for High Pedestrian Crash Areas in Rural Roads, Iran,
* Methods of Identifying pedestrian high crash road segments and countermeasures, Iran,
* Developing a Manual for Transportation of Hazardous Materials, Iran,
* Developing Manual for Improving Pedestrian Safety and countermeasures, Iran,
* Feasibility Study on Intelligent Transportation Systems (ITS) in karaj-Chalous Road, Iran,
* Developing Manual for Automobile Road Services,
* Developing a Model for Road Maintenance and Rehabilitation Budget Allocation.