



Ahmad Kizawi

PhD Researcher in Civil Engineering and Traffic Safety

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 Budapest, Hungary

Doctoral researcher in transportation engineering with a multidisciplinary background in civil engineering, infrastructure, and traffic safety. Research focuses on pedestrian-vehicle interactions and the use of advanced statistical methods to analyse conflict severity and safety-critical events. Experienced in independent research, data analysis, academic writing, academic teaching, and collaboration across academic disciplines.

EDUCATION

PhD Candidate in Civil Engineering | Dissertation Stage 2019 – Present | Győr, Hungary
Széchenyi István University, Faculty of Architecture, Civil Engineering and Transport Sciences

MSc Infrastructure Engineering 2017 – 2019 | Győr, Hungary
Széchenyi István University, Faculty of Architecture, Civil Engineering and Transport Sciences

BSc Civil Engineering 2011 – 2016 | Damascus, Syria
Damascus University

CORE SKILLS

Academic research | Research design and methodology | Quantitative data analysis | Statistical modelling using R | Data interpretation | Data visualization | Scientific writing | Research reporting | Academic presentation | Data management using Excel | Technical documentation | Analytical thinking | Critical analysis

RESEARCH EXPERIENCE

Széchenyi István University

2019 – present | Győr, Hungary

Doctoral Researcher – Data Analysis and Traffic Safety

- Conduct doctoral research in traffic safety, with emphasis on video-based observation, data analysis, and the preparation of research outputs and technical documentation.
- Teaching experience includes contributing to selected activities in traffic safety and transport engineering.

TECHNICAL SKILLS

- T-Analyst – Video-based traffic conflict analysis
- R – Statistical analysis and data processing
- Microsoft Excel – Data organization, cleaning, and reporting
- MATLAB – Numerical and statistical analysis
- LaTeX – Academic and technical document preparation
- Microsoft Office Suite – Proficient use of Word, PowerPoint, Outlook, and related applications

LANGUAGES

English		Hungarian	
Arabic		Spanish	

PUBLICATIONS

-Közúti konfliktusok elemzése: a svéd konfliktus technikától a videó alapú elemzési módszerekig 

Attila Borsos; Dániel Miletics; Ahmad Kizawi; Marcell Ladich; Dávid Homola

<https://ojs.mtak.hu/index.php/ktsz/article/view/16855/13910> 

-Literature review on the conflict analysis of vehicle-pedestrian interactions 

Ahmad Kizawi ; Attila Borsos

<https://acta.sze.hu/index.php/acta/article/view/601/549> 

-Conflict Analysis of Pedestrian-Vehicle Interactions 

Ahmad Kizawi ; Attila Borsos

<https://www.cetjournal.it/cet/23/107/105.pdf> 

-Analysis of vehicle-pedestrian and bicyclist conflicts in Győr-Hungary using Swedish conflict technique 

Ahmad Kizawi

<https://acta.sze.hu/index.php/acta/article/view/605/561> 