

## PERSONAL INFORMATION

**Attila Borsos**

📍 7 Sárási út, 9029 Győr (Hungary)

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✉ borsosa@sze.hu

## WORK EXPERIENCE

Jan 2015–Present

**Vice Dean for Research**

Faculty of Architecture, Civil Engineering and Transport Sciences, University of Győr (Hungary)

Aug 2012–Present

**Associate Professor**

Department of Transport Infrastructure and Water Resources Engineering, University of Győr (Hungary)

Undergraduate courses: Construction management, Traffic engineering, Strategic planning

Graduate courses: Traffic safety, Engineering publication and presentation

Research interest: accident prediction models, traffic safety trends, surrogate measures of safety, effect of autonomous vehicles on safe road design.

Jan 2013–Jun 2013

**Visiting Scholar**

Florida Atlantic University, Fort Lauderdale, FL (United States)

Sep 2010–Feb 2011

**Fulbright Visiting Scholar**

University of Connecticut, Storrs, CT (United States)

Apr 2010–Jun 2010

**Erasmus Scholar**

Royal Haskoning, Nijmegen (Netherlands)

Jan 2002–Jul 2012

**Research Assistant, Junior/Senior Lecturer**

Department of Transport Infrastructure and Water Resources Engineering, University of Győr (Hungary)

Teaching and research, participating in EU projects:

- EU-Thai project EU-Asia Road Safety Centre of Excellence in Thailand;
- EU-Thai project "Improving road traffic safety in Thailand";
- NICE on Roads EU-Asia project;
- Trendy Travel;
- Ecocity - Urban development towards appropriate structures for sustainable transport.

## EDUCATION AND TRAINING

Sep 2017–Nov 2019

**MSc in Civil Engineering (Track: Transport and Planning)**

Delft University of Technology (Netherlands)

Sep 2007–Oct 2011

**Ph.D. in Civil Engineering**

Multidisciplinary Doctoral School of Engineering Sciences, University of Győr (Hungary)

Sep 2001–Jun 2007 **MA in Economics**  
University of Győr (Hungary)

Sep 1998–Jan 2002 **BSc in Engineering Management (Track: Civil Engineering)**  
University of Győr (Hungary)

PERSONAL SKILLS

Mother tongue(s) Hungarian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	C2	C2
German	B1	B1	A2	A2	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages - Self-assessment grid

Communication skills Good communication skills gained through teaching and conference talks.

Organisational / managerial skills Good sense of organisation gained through the organisation of two PIARC meetings (World Road Association), five road safety training courses and two student workshops.

Job-related skills Good ability to adapt to multicultural environments owing to international scholarships and projects.

Digital skills Daily use of Microsoft Office tools (Word, Excel, PowerPoint), familiar with Microsoft Project, AutoCAD, PhotoShop, Statistical Software SAS, SPSS and R, ArcGIS.

ADDITIONAL INFORMATION

Memberships 2012 - 2015 Member of the World Road Association's (WRA) Technical Committee TC 3.2 "Design and Operation of Safer Road Infrastructure"

Honours and awards TRB Committee ANB20 2012 Outstanding Paper Award  
Best Paper Award (2nd place) 1<sup>st</sup> TSTS Conference, Phuket, Thailand, January 22-23  
1<sup>st</sup> place, Student Participation Program, 49<sup>th</sup> IHEEP Conference, Albany, NY, USA, 2007

Publications 5 most important publications  
Kosztolányi-Iván, G., Koren, Cs., Borsos, A. 2016. Recognition of built-up and non-built-up areas from road scenes EUROPEAN TRANSPORT RESEARCH REVIEW 8:(17) pp. 1-9.  
Borsos, A., Koren, Cs. 2015. Accident prediction models for Hungarian two-lane rural main roads using geometry data In: 5th International Symposium on Highway Geometric Design. Vancouver, Kanada, 2015.06.22-2015.06.24. Paper 59. 15 p.  
Ivan, J.N., Jonsson, T., Borsos, A. 2012. Motor vehicle speeds: Recommendations for Urban Sustainability TRANSPORTATION RESEARCH RECORD 2301/2012: pp. 1-8.  
Koren, Cs., Borsos, A. 2012. The Advantage of Late-comers: Analysis of Road Fatality Rates in the EU Member States. PROCEDIA - SOCIAL AND BEHAVIORAL SCIENCES 48: pp. 2101-2110. (2012)  
Borsos, A., Koren Cs., Ivan, J. N., Ravishanker, N.: Long-Term Safety Trends as a Function of Vehicle Ownership in 26 Countries. TRANSPORTATION RESEARCH RECORD 2280: pp. 154-161. (2012)  
Full publication list available at: [MTMT](http://www.mtmt.hu)