



Attila Borsos

Date of birth: 20/02/1980

Nationality: Hungarian

CONTACT

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europass

WORK EXPERIENCE

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

Head of Department
01/01/2026 – Current

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

Full Professor

05/2024 – Current

Undergraduate courses: Construction management, Traffic engineering, Strategic planning

Graduate courses: Traffic safety, Road design and traffic engineering, Engineering publication and presentation

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

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

Research Assistant, Junior/Senior Lecturer, Associate Professor

12/2001 – 04/2024

Teaching and research

Research projects - principal investigator:

- Bilateral research project (2019-2.1.11-TÉT-2020-00194) on Conflict analysis of pedestrian-vehicle interactions (Partner institution: Lund University, Sweden, Department of Technology and Society, research group Transport & Roads)
- Efficient and sustainable solutions in the construction industry using risk management and technological research, GINOP-2.2.1-15-2016-00030
- Physical and digital road infrastructure for Autonomous Vehicles, TUDFO/51757/2019-ITM

Research projects - team member:

- European Digital Education in Road Infrastructure Management InfRO@D
- 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;
- EU project Trendy Travel;
- EU project Ecocity - Urban development towards appropriate structures for sustainable transport.

Florida Atlantic University Fort Lauderdale, FL, United States

Visiting Scholar

12/2012 – 06/2013

University of Connecticut Storrs, CT, United States

Fulbright Visiting Scholar

08/2010 – 02/2011

Royal Haskoning Nijmegen, Netherlands

Erasmus Scholar

03/2010 – 06/2010

Delft Road Safety Course (DRSC)

Course leader

Road Safety Research for Low and Middle Income Countries, 2022
Policy Making In Low- And Middle-Income Countries, 2024

EDUCATION AND TRAINING

31/08/2017 – 29/11/2019 Netherlands

MSc in Civil Engineering (Track: Transport and Planning) Delft University of Technology

08/2007 – 10/2011 Hungary

Ph.D. in Civil Engineering Multidisciplinary Doctoral School of Engineering Sciences,
University of Győr

08/2001 – 06/2007 Hungary

MA in Economics University of Győr

08/1998 – 01/2002 Győr, Hungary

BSc in Engineering Management (Track: Civil Engineering) University of Győr

LANGUAGE SKILLS

MOTHER TONGUE(S): Hungarian

Other language(s):

English

Listening C2

Reading C2

Writing C2

Spoken production C2

Spoken interaction C1

German

Listening B1

Reading B1

Writing A2

Spoken production A2

Spoken interaction A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PUBLICATIONS

Publications

5 most important publications

Amira Hammami, Attila Borsos, Safety of cyclists interacting with autonomous vehicles: A combined microscopic simulation and SSAM analysis, Travel Behaviour and Society, Volume 36, 2024, 100805, ISSN 2214-367X, <https://doi.org/10.1016/j.tbs.2024.100805>.

Attila Borsos, Application of Bivariate Extreme Value models to describe the joint behavior of temporal and speed related surrogate measures of safety, Accident Analysis & Prevention, Volume 159, 2021, 106274, ISSN 0001-4575, <https://doi.org/10.1016/j.aap.2021.106274>.

Attila Borsos, Haneen Farah, Aliaksei Laureshyn, Marjan Hagenzieker, Are collision and crossing course surrogate safety indicators transferable? A probability based approach using extreme value theory, Accident Analysis & Prevention, Volume 143, 2020, 105517, ISSN 0001-4575, <https://doi.org/10.1016/j.aap.2020.105517>.

Ivan, J.N., Jonsson, T., Borsos, A. 2012. Motor vehicle speeds: Recommendations for Urban Sustainability
TRANSPORTATION RESEARCH RECORD 2301/2012: pp. 1-8.

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](#)

NETWORKS AND MEMBERSHIPS

Memberships

2025 - Handling Editor - Traffic Safety Research

2024 - 2025 TRB Standing Committee Member on Access Management - ACP60

2024 - 2027 World Road Association (PIARC) Committee Member, Technical Committee TC 3.1 Road safety

2023 - ICTCT (International Cooperation on Theories and Concepts in Traffic safety) Steering Committee Member

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

Honours and awards

TRB Committee ANB20 2012 Outstanding Paper Award

Best Paper Award (2nd place) 1st TSTS Conference, Phuket, Thailand, January 22-23

1st place, Student Participation Program, 49th IHEEP Conference, Albany, NY, USA, 2007

JOB-RELATED SKILLS

Job-related skills

Good ability to adapt to multicultural environments owing to international scholarships and projects.

ORGANISATIONAL SKILLS

Organisational skills

Good sense of organisation gained through organising the following events:

- 34th ICTCT International Cooperation on Theories and Concepts in Traffic safety, Győr, 2022
- Two PIARC meetings (World Road Association)
- Several road safety audit training courses
- Several student workshops.

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

Good communication skills gained through teaching and conference talks.