

Curriculum vitae

Personal data

Name: Attila Buzási PhD

Date of birth: 12 May 1988

Place of birth: Budapest

Affiliation: Budapest University of Technology and Economics, Department of Environmental Economics

Telephone: +36 1 463-2018

E-mail: buzasi@eik.bme.hu

Studies, positions

2017 Assistant professor, Budapest University of Technology and Economics, Department of Environmental Economics

2017 Obtaining PhD degree

2016-2017 Assistant lecturer, Budapest University of Technology and Economics, Department of Environmental Economics

2013-2016 PhD student, Budapest University of Technology and Economics, Department of Environmental Economics

2011-2013 Regional and environmental economics MA, Budapest University of Technology and Economics

2007-2011 Environmental engineering BSc, Budapest University of Technology and Economics

Language skills

English – active, B2 language exam

Olasz – passive, B2 language exam

Research area

- Impacts of climate change on urban scale
- Climate adaptation strategies
- Synergies between sustainability and climate change

Honours and awards

2018	Best Young Researcher Award - Budapest University of Technology and Economics, Faculty of Economic and Social Sciences
2018	Deans' Award – Budapest University of Technology and Economics, Faculty of Economic and Social Sciences
2016/2017/2	TOP 100 Lecturer – based on students' satisfactory survey, Budapest University of Technology and Economics
2016/2017/1	TOP 100 Lecturer – based on students' satisfactory survey, Budapest University of Technology and Economics
2015/2016/2	TOP 100 Lecturer – based on students' satisfactory survey, Budapest University of Technology and Economics
2013	Special award – Diploma competition of Hungarian Society for Urban Planning
2013	1 st place - National Scientific Students' Associations Conference
2012	1 st place - Scientific Students' Associations Conference

Membership

2014 -	Hungarian Society for Urban Planning
2018 -	Research Committee - Budapest University of Technology and Economics, Faculty of Economic and Social Sciences
2018 -	Member of public body of Hungarian Academy of Sciences - IX. Section of Economics and Law; Committee on Economics

Educational activity

Budapest University of Technology and Economics, Department of Environmental Economics (from September 2013):

- *Sectoral sustainability studies* (in both Hungarian and English) – Technical management BSc, Regional and environmental economics MA
- *Local sustainability studies* – Environmental Engineering MSc
- *Regional development* – Environmental Engineering MSc
- *Regional economic development* – Regional and environmental economics MA

- *Environmental management schemes* – Mechanical engineering BSc
- Environmental management
- *Climate change – advanced level*

Scientific and professional activities

2018	Textbook writing proposal (official textbook for the course <i>Climate change – advanced level</i>) – project coordinator
2017-2018	Development of Sustainable Energy and Climate Action Plans for diverse Hungarian settlement (Budapest 12 th District, Ózd, Sajószentpéter, Kazincbarcika, Tiszaújváros) – adaptation coordinator
2017	IPCC – Special Report on Global Warming of 1.5 °C – expert review
2017	Coordinating the development of climate strategy for the 1st District of Budapest
2017	Environmental Programme of Borsod-Abaúj-Zemplén County – author of various sections
2016-2018	GreenPlay; project management activity in a H2020 project
2015	RESPLAN; Developing monitoring methodology for assessing natural resource management
2015	RESPLAN; Developing educational plan for natural resource management courses
2015	LEGO Manufacturing Kft. – study for assessing the possibilities of using renewal energies on corporate scale
2015	Integrated Development Strategy for Tét and Pannonhalma municipalities - author
2014	IMEA; assessment of business models regarding energy efficiency – author of various sections
2013-2014	DANTE – sustainable development in educational programmes
2013	Socio-economic impact assessment of the Second National Climate Change Strategy – author of various sections
2011	Market-UP – assessment of industrial R+D capacity regarding transportation sector

Local and international conferences

- 28-30. 04. 2018. SPACE International Conference 2018 on Sustainable Architecture, Planning and Urban Design. Place of conference: London, United Kingdom. Title: *Distinguishing Urban Sustainability and Resilience in Planning Phase – A Policy Framework*
- 06-07. 09. 2017. 5th International Conference on Sustainable Development. Place of conference: Rome, Italy. Title: *Ex-ante Assessment of Urban Development Projects*
- 29-31. 08. 2016. Innovation and sustainable transportation, IFFK 2016. Place of conference: Budapest, Hungary. Title: *Smart transportation in sustainable urban development* (in Hungarian)
- 14-16. 04. 2016. SmartBlueCity – 1st Euro-Mediterranean Conference-Exhibition 2016. Place of conference: Limassol, Cyprus. Title: *Smart Planning for Reducing Negative Impacts of Climate Change in Case of Hungarian Cities*
15. 06. 2015. Sustainability: utopia or reality? Place of conference: Budapest, Hungary. Title: *Mitigation and adaptation capacity of green areas in housing estates of Budapest* (in Hungarian)
- 08 – 11. 04. 2015. 12th International CIRCLE Conference. Place of conference: Szczecin, Poland. Title: *Managing local adaptation processes in Hungary*
- 26 – 27. 09. 2014. 2nd International Conference on Sustainable Development. Place of conference: Rome, Italy. Title: *Will Budapest be a climate-resilient city? Adaptation and mitigation challenges and opportunities in development plans of Budapest*
- 06 – 09. 05. 2014. Sustainability 2014: Future Urban Development at Different Scales. Place of conference: Karlsruhe, Germany. Title: *The Local Level – Hungarian Case Studies to Sustainable Cities*
- 21 – 23. 03. 2014. Spring Wind 2014 Conference; Place of conference: Debrecen, Hungary. Title: *Assessment of adaptation and mitigation actions in Hungarian urban climate strategies* (in Hungarian)

Publication activity

Diploma thesis

Buzási Attila (2013): Assessment of urban sustainability in Central Europe (in Hungarian), MSc thesis, Budapest.

Buzási Attila (2010): Sustainable housing estates (in Hungarian), BSc thesis, Budapest.

Hungarian journals

Buzási Attila (2013): Analysis of applicability of indicator method in assessing sustainable urban development (in Hungarian). *AGORA: A BGF-KVIK kulturális-tudományos folyóirat*, 10: 7-34.

Conference proceedings in Hungarian

Buzási Attila, Szalmáné Csete Mária, Németh Bálint (2016): Smart transportation in sustainable urban development (in Hungarian). In: Péter Tamás (eds.). *Innováció és fenntartható felszíni közlekedés*, IFFK 2016. Place and date of conference: Budapest, Hungary, 2016.08.29-2016.08.31. Budapest: Magyar Mérnökakadémia (MMA), 2016. pp. 86-91.

Szalmáné Csete Mária, Buzási Attila (2016): Mitigation and adaptation capacity of green areas in housing estates of Budapest (in Hungarian). In: Csigéné Nagypál Noémi, Princz-Jakovics Tibor (szerk). *Fenntarthatóság - utópia vagy realitás?*. 378 p. Place and date of conference: Budapest, Hungary, 2015.06.05 Budapest: BME Környezetgazdaságtan Tanszék, 2016. pp. 203-214

Buzási Attila (2014): Assessment of adaptation and mitigation actions in Hungarian urban climate strategies (in Hungarian) In: Csiszár Imre, Kőmíves Péter Miklós (szerk.). *Tavaszi Szél, 2014 = Spring Wind 2014: 1. kötet Közgazdaságtudomány*. 614 p. Place and date of conference: Debrecen, Hungary, 2014.03.21-2014.03.23. Debrecen: Doktoranduszok Országos Szövetsége, 2014. pp. 74-83. (ISBN: 978-963-89560-5-7)

Buzási Attila (2013): Sustainability-based assessment of Central-European cities. In: Meyer D., Kósi K., Valkó L., Tóth Zs. E., Hevér B., Horváth Gy. Á. (szerk). *Tehetséggondozás a BME-GTK Gazdálkodás- és Szervezéstudományi Doktori Iskolában*. Place and date of conference: Budapest, 2013. 07. 03. Budapesti Műszaki és Gazdaságtudományi Egyetem, pp. 104-116. (ISBN: 978-963-313-087-2)

International journals

Mária Szalmáné Csete, Attila Buzási (2016): Managing local adaptation processes in Hungary. *INTERNATIONAL JOURNAL OF MANAGEMENT CASES*, 18(1): 13-22.

Attila Buzási (2014): Will Budapest be a climate-resilient city? Adaptation and mitigation challenges and opportunities in development plans of Budapest. *EUROPEAN JOURNAL OF SUSTAINABLE DEVELOPMENT*, 3(4): 277-288.

Journals indexed by Scopus

Attila Buzási, Mária Csete (2016): Modified Scorecard Method for Evaluating Climate Aspects of Urban Transport Systems. *PERIODICA POLYTECHNICA-SOCIAL AND MANAGEMENT SCIENCES*, 24(1): 65-73.

Attila Buzási, Mária Csete (2015): Sustainability Indicators in Assessing Urban Transport Systems. *PERIODICA POLYTECHNICA: TRANSPORTATION ENGINEERING*, 43(3): 138-145.

Journals indexed by Web of Science

Mária Csete, Attila Buzási (2016): Climate-oriented assessment of main street design and development in Budapest. *JOURNAL OF ENVIRONMENTAL ENGINEERING AND LANDSCAPE MANAGEMENT*, 24(4): 258-268.

Attila Buzási, Mária Szalmáné Csete (2017): Ex-ante Assessment of Urban Development Projects. *EUROPEAN JOURNAL OF SUSTAINABLE DEVELOPMENT*, 6(4): 267-278.