

PERSONAL INFORMATION

Hana Brůhová-Foltýnová

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WORK EXPERIENCE

08/2017 – ongoing

**Senior Researcher**

Faculty of Social and Economic Studies of the Jan Evangelista Purkyně University  
Development and coordination of national and international research projects in sustainable urban mobility, above all in economic and environmental impacts of transport regulation, sustainable transport policies and measures and their monitoring and evaluation, and active transport support.

01/11/2011 – 04/2017

**Senior Researcher**

Centrum dopravního výzkumu, v.v.i. - Transport Research Centre, Brno (Czech Republic)  
[www.cdv.cz](http://www.cdv.cz)

01/01/2009–31/01/2013

**Executive director**

Kolin Institute of Technology, Kolín (Czech Republic)

Coordination / development of international / national research projects in the field of sustainable mobility and energy, statistical analysis and econometrics.  
Coordination of administration of the Institute. Fundraising.

29/10/2002–30/10/2011

**Researcher**

Charles University Environment Centre in Prague, Praha (Czech Republic)

Development of EU / national research projects in the field of transport and environmental economics.  
Statistical and econometrical analyses.  
Teaching of courses on Environmental Economics and Development Economics.  
Consultation of Master theses and dissertations.

01/09/2000–29/10/2002

**PhD student, research assistant**

Faculty of Economics and Administration, Masaryk University in Brno, Brno (Czech Republic)  
Research in the field of environmental economics and economic policy.

EDUCATION AND TRAINING

09/2000–05/2006

**PhD in Economic policy**

EQF level 8

Faculty of Economics and Administration, Masaryk University in Brno, Brno (Czech Republic)  
Theme of the dissertation: Concept of sustainable development and economic policy (with the emphasis on problems of protection of the environment)

09/1994–06/2000

**Msc in Finances**

EQF level 7

Faculty of Economics and Administration, Masaryk University in Brno, Brno (Czech Republic)  
Theme of the master theses: Nonbank competitors at the banking sector

09/1998–06/2004

**Msc in Environmental Humanities**

EQF level 7

Faculty of Social Studies, Masaryk University in Brno, Brno (Czech Republic)  
Theme of the master theses: Local Monetary Systems in the Czech Republic and abroad

ADDITIONAL INFORMATION

Organisation of international research conferences

NECTAR Joint Cluster 2 and Cluster 3 International Workshop “The role of planning towards sustainable urban mobility”. Brno, 17. - 18. 5. 2016. In cooperation with an international network of researchers of social aspects in transport NECTAR.

Editorial activities

April 2016 – now: Guest editor of Special issue: European Transport Research Review on “The role of planning towards sustainable urban mobility”.

## Projects (selected)

- 2018-2022: Smart City - Smart Region - Smart Community (OPVVV CZ.02.1.01 /0.0/0.0/17\_048 /0007435) – team member, coordination of research activities in the field of Smart Mobility
- 2018-2021: Strategic instruments for the support of municipalities' decision-making in the area of sustainable mobility (TAČR TL01000462) – project coordinator
- 2017-2019: e-FEKTA - Strengthening of the Municipality of Litoměřice and Dresden in the field of sustainable mobility. INTERREG Programme of Cooperation between the Czech Republic and Saxony 2014 – 2020
- 2015-2017: Continuation of the Transport Research and Innovation Portal (TRIP). Contract for DG MOVE. Editor of research projects and programmes for 15 European countries
- 2014-2015: Integration of urban planning towards sustainability (TD020164) – Czech national project, leading to preparation of a Czech methodology for sustainable urban mobility plans
- 2013-2016: CAPITAL (MOVE/FP7/604778/CAPITAL): coordination and support action for Civitas, capitalising the knowledge of Civitas measures and projects, running Civinet networks
- 2012-2016: ENDURANCE (IEE/12/698/SI2.644741): Creation of national networks to promote and prepare Sustainable Urban Mobility Plans (SUMP)
- 2008-2013: CIVITAS POINTER (TREN/FP7TR/219026): SA for monitoring and evaluating of CIVITAS Plus projects
- 2010-2013: ISEMOA(IEE/09/862/SI2.558304): Accessible and energy-efficient mobility for all
- 2009-2013: TAPAS (supported by the Coca-Cola Foundation): Transportation, Air Pollution and Physical Activities; an integrated health risk assessment programme of climate change and urban policies – international research project
- 2007-2008: Theoretical analysis of transport regulation, post-doc project, Grant Agency of the Czech Republic
- 2006-2008: Analysis of everyday transport behaviour of adult urban inhabitants and tools of transport regulation. Operational Fund for Infrastructure and Ministry of Transport
- 2006-2007: Welfare assessment of passenger transport regulation in the Czech Republic (CERGE-EI Foundation, RRC VI-30)
- 2004-2005: Automobile dependency and sustainable development – indicators based approach. Grant Agency of Academy of Sciences of the Czech Republic
- 2004-2009: Analysis of demand for construction of cycling infrastructure (MoT Czech Rep.)
- 2001-2005: MOSUS (EVG3-2001-00042): Modelling opportunities and limits for restructuring Europe towards sustainability
- 2002-2004: EXTERNE-Pol (ENG1-CT2002-00609): Externalities of energy: Extension of accounting Framework and policy applications

## Publications (selected)

- with Kaplan, S., Mikolasek, I., Janstrup, K.H., Prato, C.G. (2018): Attitudes, norms and difficulties underlying road sharing intentions as drivers and cyclists: Evidence from the Czech Republic, *International Journal of Sustainable Transportation*, DOI: 10.1080/15568318.2018.1471556
- with Attard, M. a Mělo, S. (2018): Topical collection on the role of planning towards sustainable urban mobility. *ETRR Journal: European Transport Research Review*. DOI: 10.1186/s12544-018-0310-z
- With Strnadová D. a Jordová, R.: (2017): Games for environmental awareness-raising education – experience and results of the Traffic Snake Game in the Czech Republic. Accepted by *Envigogika*
- with Jordová R., Sperat, Z., Martínek, J. (2016): Guidelines for preparation of the sustainable urban mobility plans for Czech cities. CDV, v.v.i., January 2016
- s Valentová, M., Sperat, Z. (2016): Parking management and its implementation in praxis: Experience from European cities. CDV, v.v.i. and CIVINET ČR a SR, z.s., ISBN 798-80-88074-47-2
- with Bárta, D., Sperat, Z. (2016): Safety, Efficiency & Emissions. Chapter 3.8. Urban Applications. Chapter 3.10. In: Horton, G. et al., *Research Theme Analysis Report*:

- Cooperative Intelligent Transport Systems. Report for EC DG MOVE MOVE/C2/SER/2013-994/SI2.695355, 29. 2. 2016
- with Jordová, R. (2016): Inovativní nástroje udržitelné mobility v evropských městských oblastech: zkušenosti s evaluací a role politických bariér. In: Ličbinský, R.; Jandová, V.; Zedková, I.: 6th Czech-Slovak Conference „Traffic, health and environment.“ Brno (Czech Republic), 7. – 8. 11. 2016, Brno: Centrum dopravního výzkumu, v.v.i.
  - with Sperat, Z., Jordová, R. (2015): Sustainable public transport. In: Horton, G. et al., Research Theme Analysis Report: Urban Mobility. Report for EC DG MOVE MOVE/C2/SER/2013-994/SI2.695355, 21. 9. 2015
  - with Sperat, Z., Jordová, R. (2015): Sustainable Urban Mobility Plans. In: Horton, G. et al., Research Theme Analysis Report: Urban Mobility. Report for EC DG MOVE MOVE/C2/SER/2013-994/SI2.695355, 21. 9. 2015
  - with Brůha, J., Piša, V. (2015): Motor fuel taxation in Central Europe and international tax competition: simulation of motor fuel tax harmonization. Chapter 11. In: Kreiser, L. et al (eds), Carbon Pricing. Design, Experiences and Issues. Critical Issues in Environmental Taxation, Volume XV, Edward Elgar Publishing, pp. 159-176
  - with Bosetti, S., Di Bartolo, C., Jordová, R., Kurfürst, P., Malgieri, P., Sitran, A., Smutková, D. (2014): Policy recommendations for EU Sustainable Mobility Concepts based on CI VITAS experience. ICLEI and CDV, 1<sup>st</sup> ed., p. 68
  - with Jordová, R. (2014): The contribution of different policy elements to sustainable urban mobility. Transportation Research Procedia 4, pp. 312-326
  - with Jordová, R. (2014): Innovative measures in European cities: experience with evaluation and the role of policy-related barriers and drivers. Transactions on Transport Sciences, 7/4, pp. 135-142
  - with Brůha, J. (2013): Factors influencing the cycling level in cities - international comparison and literature overview. In: Werner, G., Fischer, W., Pressl, R. (Eds.): Studies on Mobility and Transport 4, Transport and Health Issues, Verlag MetaGISInfosysteme, Mannheim, pp. 33-50
  - with Brůha, J. (2012): Statistical analysis of the impact of policies on active transport in European cities. In: Emberger, G., May, A.D., Ison, S. (Eds.): WCTRS-SIG10 Workshop: Emerging Urban Transport Policies towards Sustainability. Beiträge zu einer ökologisch und sozial verträglichen Verkehrsplanung. 1/2012. Institut für Verkehrswissenschaften, Forschungsbereich für Verkehrsplanung und Verkehrstechnik. Technische Universität Wien, pp. 97-106
  - with Brůha, J. (2012): A microsimulation model of regulation of transport in Czech cities: Does uncertainty matter? In: Emberger, G., May, A.D., Ison, S. (eds.), WCTRS – SIG10 Workshop: Emerging Urban Transport Policies towards Sustainability. Beiträge zu einer ökologisch und sozial verträglichen Verkehrsplanung. 1/2012. Institut für Verkehrswissenschaften. Forschungsbereich für Verkehrsplanung und Verkehrstechnik, Technische Universität Wien, pp. 33-50
  - with Brůha, J. (2011): Evaluation of transport external-cost regulation of atmospheric pollution: An investigation using global sensitivity analysis. Chapter 15. In: Geerlings, H., et al. (Eds.): Transition towards sustainable mobility: The role of instruments, Individuals and Institutions. Ashgate
  - Evaluation of Projects and Their Social Effectiveness, in: Becker, U., Gerike, R., Winter, M. a kol. (2009), Grundwissen Verkehrsökologie. Eigenverlag Dresdner Institut für Verkehr und Umwelt (DIVU e.V.), Heft 8/2009
  - (2009): Doprava a společnost. Ekonomické aspekty udržitelné dopravy. Karolinum, Praha, 1<sup>st</sup> ed., p. 213 (in Czech; Transport and society. Economic aspects of sustainable transport)
  - with Brůha, J. (2009): An international comparison of factors influencing modal split: implications for environmental taxation. Chapter 32. In: Jacqueline Cottrell, Janet E Milne, Hope Ashiabor, Larry Kreiser, Kurt Deketelaere (eds): Critical Issues in Environmental Taxation. International and Comparative Perspectives. Volume VI. Oxford University Press, March 2009, pp. 717-73