

PERSONAL INFORMATION

Vojtěch MÁCA

📍 Ondříčkova 25, 130 00 Praha (Czech Republic)

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Sex Male | Date of birth 31 December 1976 | Nationality Czech

WORK EXPERIENCE

Oct 02 **researcher**

Charles University in Prague, Environment Center
 José Martího 2, 162 00 Praha 6 (Czech Republic)

environmental law and economics research, focusing on non-market valuation, quantification of externalities, market-based instruments

Business or sector Professional, scientific and technical activities

EDUCATION AND TRAINING

03–08 **Ph.D.**

ISCED 6

Charles University in Prague
 law theory, public law

01–05 **Mgr.**

ISCED 5

Charles University in Prague
 environmental studies, social and cultural ecology

95–01 **Mgr.**

ISCED 5

Charles University in Prague
 law

PERSONAL SKILLS

Mother tongue(s) Czech

Other language(s)

| | UNDERSTANDING | | SPEAKING | | WRITING |
|---------|---------------|---------|--------------------|-------------------|---------|
| | Listening | Reading | Spoken interaction | Spoken production | |
| English | C1 | C1 | C1 | C1 | C1 |
| French | B1 | B1 | A2 | A2 | A2 |
| German | A2 | A2 | A2 | A2 | A2 |

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
[Common European Framework of Reference for Languages](http://www.cerl.eu)

Communication skills good adaptability and communication skills

Organisational / managerial skills project management, organization of conferences and workshops

Computer skills working knowledge of MS Office applications (Word, Excel, Access), statistical programs (R, SPSS,

Stata), GIS (ArcView), legal databases (EPIS, ASPI), graphic and DTP programs (Inkscape, GIMP, Scribus)

ADDITIONAL INFORMATION

Publications

Máca, V., & Melichar, J. (2013). Health Benefits of the Low Emission Zone Introduction in Prague City Centre. *Transactions on Transport Sciences*, 6(1). doi:10.2478/v10158-012-0030-3

Urban, J., Máca, V. (2013). Linking Traffic Noise, Noise Annoyance and Life Satisfaction: A Case Study. *International Journal of Environmental Research and Public Health*, 10(5), 1895–1915. doi:10.3390/ijerph10051895

Ščasný, M., Máca, V. (2012) Market-Based Instruments in CEE Countries: Much Ado about Nothing, in: Castellucci L., Markandya A. (eds.) *Environmental Taxes and Fiscal Reform*, Palgrave Macmillan.

Máca, V., Melichar, J., & Ščasný, M. (2012). Internalization of External Costs of Energy Generation in Central and Eastern European Countries. *The Journal of Environment & Development*, 21(2), 181–197.

Máca V., Urban J. 2012. Valuation of noise from road and rail transport, SILNICE ŽELEZNICE, 1/2012, s. 54-58. (in Czech).

Desaigues, B., Ami, D., Bartczak, A., Braun Kohlová, M., Chilton, S., Czajkowski, M., Farreras, V., Hunt, A., Hutchison, M., Jeanrenaud, C., Kaderjak, P., Máca, V., Markiewicz, O., Markowska, A., Metcalf, H., Navrud, S., Nielsen, J.S., Ortiz, R., Pellegrini, S., Rabl, A., Riera, P., Ščasný, M., Stoeckel, M.-E., Szántó, R., Urban, J., 2011, Economic valuation of air pollution mortality: A 9-country contingent valuation survey of value of life year (VOLY). *Ecological Indicators* 11(2011), 902-910.

Máca, V., Daňková, A., Jedlička, J., & Haitmarová, R. (2011). Economic Aspects of Transportation. *Transactions on Transport Sciences*, 4(2), 71–80. doi:10.2478/v10158-011-0008-6

Máca, V., & Melichar, J. (2010). External costs, internalization and optimal use of transport infrastructure. In V. Adamec & V. Jandová (Eds.), *Transport, Health and Environment*, IV. Czech-Slovak Scientific Conference (pp. 5–12). *Tribun EU*.

Salomons, E., Hout, D. V. D., Janssen, S., Kugler, U., & Máca, V. (2010). Method for predicting future developments of traffic noise in urban areas in Europe. *Proceedings of INTER-NOISE 2010*. Lisbon: Sociedade Portuguesa de Acústica.

Máca V.: New Guidelines of the EU Commission on Environmental State Aid: Who will Gain and Who will Lose?, *Common Law Review*, No. 11 (2010).

Brůhová-Foltýnová H., Máca V.: Successes and failures of biofuels promotion in the Czech Republic, in: Cottrell, J., Milne, J., Ashiabor, H., Kreiser, L., Deketelaere, K. (eds.) *Critical Issues in Environmental Taxation – Volume VI*, Oxford: Oxford University Press, 2009.

Projects

EU projects:

ECHA-WTP – Stated-preference study to examine the economic value of benefits of avoiding selected adverse human health outcomes due to exposure to chemicals in the European Union. (European Chemistry Agency, 2012-2013)

CECILIA2050 – Choosing Efficient Combinations of Policy Instruments for Low-carbon development and Innovation to Achieve Europe's 2050 climate targets (FP7, 2012-2015)

PURGE – Public health impacts in urban environments of greenhouse gas emissions reduction strategies (FP7, 2011-13)

GLOBAL-IQ – Impact Quantification of Global Changes (FP7, 2011-13)

HEIMTSA IP - Health and Environment Integrated Methodology and Toolbox for Scenario Assessment (FP6, 2007-2011)

MOBIDAYS: Sustainable Mobility Days (SSA, 2007-2009)

NEEDS IP - New Energy Externalities Developments for Sustainability (FP6, 2004-2009)

DROPS - Development of macro and sectoral economic models aiming to evaluate the role of public health externalities on society (FP6, 2005-2008)

EXTERNE-POL- Externalities of Energy: Extension of accounting framework and Policy Applications (FP5, 2002-2004)

National Projects:

CleanTransport - Economic assessment of mobility to minimize emissions of hazardous pollutants (2013-2014, Technology Agency of the Czech Republic)

TransUR - Environmental impact assessment of transport at regional and local level by means of sustainable development indicators (2012-2013, Technology Agency of the Czech Republic, coordinator)

TranExt - Quantification of External Costs of Transport in the Czech Republic (2007-2011, Ministry of Transport, coordinator)

MODEDR - Impacts of Environmental Tax Reform Modelling: Second Phase of Environmental Tax Reform (ETR) in the Czech Republic (Ministry of Environment, 2007-2010)

Analysis of daily travel behaviour of adult urban population and regulatory instruments (Ministry of Transport, 2006-2008)

Economic analysis of introduction of alternative transport fuels and reduction of transport externalities (Ministry of Transport, 2004-2006)

Environmental effects on children health (1C/5/6/04) (2004-2005)

External costs of electricity and heat production in the Czech Republic and methods of their internalisation (SM/320/1/03) (2003-2005)

Conferences

EAERE 2012 - 19th Annual Conference of the European Association of Environmental and Resource Economists, 27. - 30. 6. 2012, Prague, 700 participants. Vice-chair of the Local organising committee

External Costs of Transport: valuation of travel time and traffic noise, Prague, 16. 11. 2011, 100 participants. Chair of organizing committee.

Socioeconomic Barriers to Sustainable Transport. Mobidays: Sustainable Mobility Days. Prague, 18. 6. 2007, 100 participants. Co-chair of organizing committee.