

PERSONAL INFORMATION

Lukáš Rečka

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Sex Male | Nationality Czech

WORK EXPERIENCE

01 October 2011–Present

ResearcherCharles University Environment Center
<http://www.czp.cuni.cz/czp/index.php/en/>

Regulation impact assessment, Energy modelling, Environmental effectiveness, Externalities, Health economics

01 February 2012–31 August
2013**Analyst and Advisor (External)**

Ministry of Health of the Czech Republic, Prague (Czech Republic)

Analysis of the system of health insurance, Data sources in health system

01 August 2008–30 September
2011**external research assistant**

Writing summaries of economic papers, developing of a partial equilibrium model

EDUCATION AND TRAINING

01 October 2011–Present

PhD Candidate

ISCED 8

Charles University in Prague, Faculty of Social Sciences, Institute of Economic Studies
Environmental Economics, Health Economics, Econometrics01 October 2009–30 September
2011**Mgr. (MA)**

ISCED 7

Charles University in Prague, Faculty of Social Sciences, Institute of Economic Studies
Microeconomics, Macroeconomics, Econometrics, Health Economics, Environmental Economics

01 October 2008–31 July 2009

ISCED 7

Technische Universität Dresden, Fakultät Wirtschaftswissenschaften, Lehrstuhl für Energiewirtschaft
Energy Economics01 October 2006–08 September
2009**Bc. (BA)**

ISCED 6

Charles University in Prague, Faculty of Social Sciences, Institute of Economic Studies
Mathematics, Economics, Econometrics

June 2013

**Technical-economic modelling with the TIMES model generator:
Training course on VEDA-TIMES**

IEA-ETSAP, Paris (France)

September 2012

Summer School: International and European Law and Policy on

Investment and Environment “The Energy Challenge: a EU/US Dialogue”

University of Padova & Wake Forest University, Padova (Italy)

June 2012 **Economics of Environmental Regime Shifts (short course)**
 Beijer Institute of Ecological Economics, Prague (Czech Republic)

PERSONAL SKILLS

Mother tongue(s) Czech

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
German	C1	C2	C1	B2	B2
English	C1	C1	C1	B2	B2

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

Computer skills Advanced command of Microsoft Office™ tools (Word™, Excel™ and PowerPoint™); Good knowledge of linear programming and statistical software: MESSAGE, STATA, GRET, JMulTi, Matlab

ADDITIONAL INFORMATION

Certificates 2006: Deutsches Sprachdiplom - Zweite Stufe

[Related document\(s\):](#)

Citations 2011: M.A. with distinction from the Dean of the Faculty of Social Sciences for an extraordinarily good master’s diploma thesis.
 2011: Energy Economics Contest: Honourable mention for the thesis in the field of energy economics.

[Related document\(s\):](#)

Projects Analysis of the environmental impact of regulation and the prediction of the energy sector development by pan-European dynamic model TIMES (Technology Agency of the Czech Republic, 2014-2015)
 Development of optimization model for projections of classical pollutants and CO2 emission from Czech energy sector (Charles University Grand Agency, 2013-2015)
 Policy Instruments and Environmental Performance of Czech Industry (Czech Science Foundation, 2013-2015)
 Global-IQ: Impacts Quantification of global changes (FP-7 EU, 2011–2014)
 FTA-AM - Trade Sustainability Impact Assessment in support of negotiations of DCFTA between the EU and the Republic of Armenia. Coordinated by Ecorys, (EC DG TRADE 2012-2013)
 FTA-GGMD - Trade Sustainability Impact Assessment in support of negotiations of a DCFTA between the EU and the Republic of Moldova and Georgia. Coordinated by Ecorys, (EC DG TRADE 2011-2012)
 ETS-SVK - Research on economic effects on Slovakia of a more ambitious EU climate target. Coordinated, (Greenpeace/CE Delft, 2011)

Modelling of Environmental Tax Reform Impacts: The Czech ETR Stage II (2007–2010)

Publications

- Bruyn de, S, Markowska, A., Nelissen, D., Ščasny, M., Balajka, J., Rečka, L. (2011), The economic impact on Slovakia of tightening the EU GHG target from -20 to -30%. Delft, CE Delft, August 2011
- Rečka, L. (2012), Shadow Price of Air Pollution Emissions in the Czech Energy Sector - Estimation from Distance Function, LAMBERT Academic Publishing, ISBN: 978-3-659-26504-4
- Rečka, L. (2011), Electricity System Optimization: a Case of the Czech Electricity System – Application of Model MESSAGE, Conference proceedings, International Days of Statistics and Economics, Prague, 22.9.2011
- Rečka, L. & Ščasný, M. (2013), Analýza dopadů regulace v českém elektrickém systému – aplikace dynamického lineárního modelu MESSAGE – Analysis of environmental regulation impacts on the Czech electricity system – application of dynamic linear model MESSAGE, Politická ekonomie, č.2
- Rečka, L. & Ščasný, M. (2011), Emission Shadow Price Estimation Based on Distance Function: a Case of the Czech Energy Industry, Conference proceedings, International Days of Statistics and Economics, Prague, 22.9.2011
- Rečka, L., Ščasný, M., Balajka, J. (resubmitted after revision), What Is Effect of Climate Change Mitigating Policies on Energy Sector in Slovakia, Ekonomický časopis
- Rečka (2010), Application of optimization model MESSAGE on Czech electricity system; in Hlaváček J, Šauer P, Šauerová J et al.: Towards a Green Economy: Young Researches Perspective, Prague, 2010, Nakladatelství vydavatelství litomyšlského semináře - Litomyšl Seminar Publishing . ISBN 978-80-86709-16-1