

PERSONAL INFORMATION

Krtkova Eva

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Sex Female | Date of birth 04/10/1986 | Nationality Czech

WORK EXPERIENCE

January 2015 onwards

Coordinator of NIS

Czech Hydrometeorological Institute, Na Sabatce 2050/17, 143 06 Praha 412-Komorany

- Coordinating National inventory system of greenhouse gas emissions, working on data and text outputs for EU and UNFCCC with regard to emissions from iron and steel industry, different issues concerning GHG emissions problematic, participation on projects focusing on improving reporting of GHG emissions

Business or sector Air and climate protection

2016 onwards

Expert reviewer of emissions inventories submitted under CLRTAP

- Participating on review under CLRTAP reviews as reviewer for General issues, Energy sector, Industrial processes and product use sector

2014 onwards

Expert for of verification of EU ETS system emissions

Czech Accreditation Institute

- Participating on audits in the scope of accreditation of verifiers of EU ETS emissions

September 2012 onwards

Sectoral expert for GHG emissions from Industrial Processes

Czech Hydrometeorological Institute, Na Sabatce 2050/17, 143 06 Praha 412-Komorany

- Working on data and text outputs for EU and UNFCCC with regard to emissions from industrial processes, participation on projects focusing on improving reporting of GHG emissions in category industrial processes, assistance to coordinator NIS

Business or sector Air and climate protection

2009 – August 2012

Sectoral expert for GHG emissions from Energy sector

KONEKO marketing Ltd., Sojovicka 2, 197 00 Prague 9, Czech Republic

- Working on data and text outputs for EU and UNFCCC with regard to emissions from Energy sector, participation on projects focusing on improving reporting of GHG emissions in Energy sector
- Supporting development of the 'Comprehensive operational records' – including responsibilities under EU legislation in the CR's legal system

Business or sector Air and climate protection

EDUCATION AND TRAINING

March 2017

Expert reviewer for technical analysis of biennial update reports: an overview, National GHG inventories

- Exams and certificate for review of BUR for generalist and for field of GHG inventories, developing countries

October 2015 **Expert reviewer of National Communications and Biennial Reports**

- Exams and certificate for General and Cross-cutting Aspects of the Review of National Communications and Biennial Reports
- Exams and certificate for Technical review of mitigation targets and of policies and measures, their effects and their contribution to achieving those targets
- Exams and certificate for Technical review of greenhouse gas emissions, emission trends, projections and the total effects of policies and measures

October 2014, January 2015 **Expert reviewer for the sector of Industrial Processes**

- Exams and certificate for the General issues and Industrial processes GHG emissions

28.2.2013 Accredited program '**Comprehensive operational records**, processing according to the new Act on Air No 201/2012 and its submission through ISPOP in the 2013 reporting and follow-up agendas in environmental protection - IRZ, E-PRTR

2013 onwards **Ongoing PhD. studies**
Czech University of Life Sciences, Prague, Czech Republic

- Projections of greenhouse gas emissions, developing of the model for the purposes of fulfilling requirements for Member states of European Union specified under Art. 13 and 14 od Regulation EU (No) 525/2013
- Internal faculty grant in 2014

2009 – 2012 **Engineer of Environmental Modelling**
Czech University of Life Sciences, Prague, Czech Republic

- Hydrology, hydrologic modeling, geochemistry, hydraulics of ground water, transport and physical and chemical processes in the air,
- Thesis Title: 'Modelling of transport and chemical changes of particles in tropopause', Study program Environmental Modelling

September 2010 – July 2011 **Climate Studies, Lifelong learning Programme ERASMUS**
Wageningen University and Research Centre, Wageningen, Netherlands

- Introduction to global change, Principles of environmental processes, biogeochemical cycles, atmospheric dynamics, meteorology and climate, international environmental policies, climate governance, atmospheric chemistry

2006-2009 **Bachelor of Applied Ecology**
Czech University of Life Sciences, Prague, Czech Republic

- Ecology, chemistry, atmospheric processes, botanic, zoology, dendrology, hydraulics of ground water, waste, air protection, GIS, geodesy, geology, hydrology, pedology, climatology, data collection in field, hydrologic measurements – field practicum, pedological field practicum, processing of obtained data,
- Thesis Title: 'Ozone layer and decline of ozone in stratosphere', Study program Applied Ecology

PERSONAL SKILLS

Mother tongue(s) Czech

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
First Certificate in English, University of Cambridge ESOL Examinations					
German	B2	B2	B2	B2	B2
Spanish	A1	A1	A1	A1	A1
French	A1	A1	A1	A1	A1
Bulgarian	A2	A1	A1	A1	A1

Communication skills ▪ Team work, working under pressure (e.g. working as Sectoral expert for Energy sector already during studies), ability of adaptation to foreign environment obtained during the studying in Netherlands, communication abilities obtained as coordinator of NIS of the Czech Republic, participating on different workshops and projects

Organisational / managerial skills ▪ Organization skills proved during coordinating of NIS of CR

Job-related skills ▪ Competent with most Microsoft Office programmes, basics of GIS, AutoCAD, programming: R (basic skills), GrADS, MATLAB

Other skills ▪ Photographing, piano, flute, guitar and harmonica playing, trainer of modern gymnastic, trainer of boxing

Driving licence Vehicles up to 3500 kg (category B)

ADDITIONAL INFORMATION

Publications

Jim:

Eva Krtkova, Pavel Fott & Vladimir Neuzil (2017): Country-specific emission and oxidation factors for determination of CO₂ emissions from combustion of coal and lignite in the Czech Republic, Carbon Management, DOI: 10.1080/17583004.2016.1271254

Eva Krtkova, Vladimir Danielik, Janka Szemesová, Klára Tarczay, Gábor Kis-Kovács, Vladimir Neuzil (2018): Non-energy Use of Fuels in the Greenhouse Gas Emission Reporting, send for review in March 2018, Carbon Management

Jrec:

Beáta Ondrušová, Eva Krtková (2018): The Phoenix calculation model for emission estimates of F-gases used in refrigeration and air conditioning (in Czech), Meteorologické zprávy, ISSN 0026-1173

Beáta Ondrušová, Eva Krtková (2017): Emissions of fluorinated greenhouse gases in the Czech Republic for 1990-2015 period (in Czech), Meteorologické zprávy, ISSN 0026-1173

Marek Staf, Karel Ciahotny, Eva Krtkova (2017): Regenerative method of carbon dioxide capture from energy processes (in Czech), Zpravodaj HNĚDÉ UHLÍ 1/2017, ISSN 1213-1660

Marek Staf, Eva Krtkova (2016): Assessment of power industry facilities from the viewpoint of carbonate loop applicability (in Czech), Paliva, ISSN 1804-2058

Eva Krtkova (2016): GHG emissions inventory in the Czech Republic (in Czech), Meteorologické zprávy, ISSN 0026-1173

Marek Staf, Karel Ciahotny, Eva Krtkova (2016): Perspectives of carbon loop application in industry and energy sectors in the Czech Republic (in Czech), Paliva, ISSN 1804-2058

Eva Krtkova, Pavel Fott & Vladimir Neuzil (2014): Determination of CO₂ emission factors from Natural Gas, Refinery Gas and LPG combustions (in Czech), Plym, ISSN 0032-1761

Other:

Eva Krtkova, Pavel Fott & Vladimir Neuzil (2014): Carbon dioxide emissions from natural gas combustion – country-specific emission factors for the Czech Republic, Greenhouse Gas Measurement and Management, DOI: 10.1080/20430779.2014.905244
online access: <http://www.tandfonline.com/doi/abs/10.1080/20430779.2014.905244#.U5FkZLTlwg4>

Project participation

2018, 2017: Participation on the EU Effort sharing decision review as an expert for Industrial Processes and Other Product Use

2015-2016: Project NF-CZ08-OV-1-005-2015, Research of high temperature CO₂ sorption from flue gas using carbonate loop, Overview of industrial sources, emitting CO₂ and suitable for application of the technology of high temperature carbonate loop

2015: International Consultant for Monitoring, Reporting and Verification (MRV) Assessment For Montenegro's First Biannual Update Report

2014: TAIEX mission: Expert mission on air emission statistics and environmental accounting in Kyiv on 18-21/11/2014, reference number 57328.

2014: IGA Projekce emisí skleníkových plynů pro sektory Energetika a Průmyslové procesy; Internal grant agency, Project projections of greenhouse gas emissions for Energy and Industrial Processes sectors

2013: participated at the workshop "Using EU ETS data" in Luxembourg, June 2013, contribution about EU ETS data using in Czech National inventory

2013: as an expert on GHG emissions from Energy sector participation in the project Transfer of Czech Knowledge: Activating the Kosovo GHG Inventory System

- Conferences**
- 2014: Using of EU ETS data for the inventory of greenhouse gases in the Czech Republic, 21. Emission Trading, 5. June 2014 in Prague, ISBN: 978-80-87534-02-1
 - 2014: Projections of greenhouse gas emissions – Approach used by the Czech Republic in comparison with approaches other EU member states, Air Pollution Conference 2014, 24.11.2014 – 26.11. 2014, Štrbské Pleso, Slovakia, ISBN: 978-80-89565-17-7
 - 2015: Preparation of model for projections of greenhouse gases, Hydromode 2015, sborník abstraktů z konference. FŽP ČZU, Praha, ISBN: 978-80-213-2575-3.
 - 2017: Projections of greenhouse gas emissions, conference of Department of Water Resources and Environmental Modeling, February 2017, Prague
 - 2018: Projections of greenhouse gas emissions - data preparation, model assumptions, Hydrologie, GIS a životní prostředí 2018 - sborník abstraktů, June 2018, ISBN: 978-80-01-06432-0
- Language certificates**
- 2013, First Certificate in English, University of Cambridge ESOL Examinations