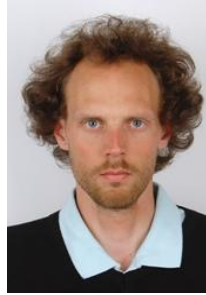


Europass Curriculum Vitae

Personal information



First name(s) / Surname(s) **Jan Weinzettel**
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Telephone(s) 00420220199476
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E-mail(s) jan.weinzettel@czp.cuni.cz
Nationality Czech
Date of birth 1979
Gender Male

Work experience

<p>Dates</p> <p>Occupation or position held</p> <p>Name and address of employer</p> <p>Type of business or sector</p>	<p>01 September 2012 →</p> <p>Researcher</p> <p>Charles University in Prague, Environment Center J. Martiho 2, 162 00 Prague (Czech Republic)</p> <p>University</p>
<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p>	<p>15 May 2010 - 31 December 2012</p> <p>Researcher in the field of environmental footprints and input-output analysis</p> <p>Leader of work package 2 and 3 of the OPEN:EU project (8 indirect reports from 4 other institutions, budget approximately 20 % from the total 1.5 million EUR, see www.oneplaneteconomynetwork.org); Responsible for a development of Environmental Extensions for a Multiregional Input-Output Model to calculate ecological, water, and carbon footprints; Calculation of national environmental footprints and their analysis within the multi-regional input-output framework; data manipulations using Matlab; Project reports, reading and writing scientific articles, and conference contributions; Contribution to 3 other projects of the 7th Framework Programme of the European Commission; Reviewer for Environmental Science and Technology and Energy Policy.</p>
<p>Name and address of employer</p> <p>Type of business or sector</p>	<p>Norwegian University of Science and Technology, Industrial Ecology Programme NTNU, NO-7491 Trondheim (Norway)</p> <p>University</p>
<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p>	<p>01 September 2007 - 12 May 2010</p> <p>Researcher in the field of environmental sustainability indicators and economy-wide material flow analysis</p> <p>Development of a method for the calculation of material requirements of national domestic consumption using hybrid life cycle assessment-environmentally extended input-output analysis; Analysis of the drivers of changes in material requirements.</p>
<p>Name and address of employer</p> <p>Type of business or sector</p>	<p>Charles University in Prague, Environment Center J. Martiho 2, 162 00 Prague 6 (Czech Republic)</p> <p>University</p>
<p>Dates</p> <p>Occupation or position held</p>	<p>01 September 2007 - 31 December 2007</p> <p>Researcher</p>

Name and address of employer Czech Technical University in Prague, Faculty of electrical engineering, Department of electro-technology
Technicka 2, Prague 6 (Czech Republic)

Type of business or sector University

Education and training

Dates 2004 - 2008

Title of qualification awarded Ph.D.

Principal subjects / occupational skills covered Life cycle assessment, Input-output analysis

Name and type of organisation providing education and training Czech Technical University in Prague, Faculty of electrical engineering, Department of electro-technology
Technicka 2, Prague 6 (Czech Republic)

Dates 2007 - 2008

Principal subjects / occupational skills covered Postgraduate School of Industrial Ecology

Dates 1998 - 2004

Title of qualification awarded Engineer (MSc.)

Principal subjects / occupational skills covered Electro-technology, power electronics

Name and type of organisation providing education and training Czech Technical university in Prague, Faculty of electrical engineering, Department of electro-technology
Technicka 2, Prague 6 (Czech Republic)

Personal skills and competences

Mother tongue(s) **Czech**

Other language(s)

Self-assessment
European level ()*

English

German

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
A1	Basic User	A1	Basic User	A1	Basic User	A1	Basic User	A1	Basic User

(*) [Common European Framework of Reference \(CEF\) level](#)

Social skills and competences Work performed in international teams.

Organisational skills and competences Chief leader of summer camp for children in 2001 - 2006, up to 50 participants

Computer skills and competences MS Office, Matlab, SimaPro

Driving licence(s) A1, B

Additional information

ResearcherID: A-3422-2010

<http://www.researcherid.com/rid/A-3422-2010>

Selected publications

Weinzettel, J., E. Hertwich, G. Peters, K. Steen-Olsen, and A. Galli. **submitted**. Affluence drives the globalization of land use. *Global Environmental Change*.

- Steen-Olsen, K., **J. Weinzettel**, G. Cranston, A. E. Ercin, and E. Hertwich. **In press**. Carbon, Land, and Water Footprint Accounts for the European Union: Consumption, Production, and Displacements through International Trade. *Environmental Science & Technology*.
- Schoer, K., **J. Weinzettel**, J. Kovanda, J. Giegrich, and C. Lauwigi. **2012**. Raw material consumption of the European union - concept, calculation method, and results. *Environmental Science & Technology* 46(16): 8903-8909.
- Weinzettel, J.**, M. Havranek, and M. Scasny. **2012**. A consumption-based indicator of the external costs of electricity. *Ecological Indicators* 17: 68-76.
- Weinzettel, J.** **2012**. Understanding Who is Responsible for Pollution: What Only the Market can Tell Us: Comment on "An Ecological Economic Critique of the Use of Market Information in Life Cycle Assessment Research". *Journal of industrial ecology* 16(3): 455-456.
- Ewing, B. R., T. R. Hawkins, T. O. Wiedmann, A. Galli, A. Ertug Ercin, **J. Weinzettel**, and K. Steen-Olsen. **2012**. Integrating ecological and water footprint accounting in a multi-regional input-output framework. *Ecological Indicators* 23(0): 1-8.
- Hak, T., J. Kovanda, and **J. Weinzettel**. **2012**. A method to assess the relevance of sustainability indicators: Application to the indicator set of the Czech Republic's Sustainable Development Strategy. *Ecological Indicators* 17: 46-57.
- Weinzettel, J.** and J. Kovanda. **2011**. Structural Decomposition Analysis of Raw Material Consumption. *Journal of industrial ecology* 15(6): 893-907.
- Weinzettel, J.**, K. Steen-Olsen, A. Galli, G. Cranston, A. Ercin, E., T. Hawkins, T. Wiedmann, and E. Hertwich. **2011**. *Footprint Family Technical Report: Integration into MRIO model*.
- Kovanda, J., **J. Weinzettel**, and T. Hak. **2010**. Material Flow Indicators in the Czech Republic in Light of the Accession to the European Union. *Journal of industrial ecology* 14(4): 650-665.
- Weinzettel, J.** and J. Kovanda. **2009**. Assessing Socioeconomic Metabolism Through Hybrid Life Cycle Assessment The Case of the Czech Republic. *Journal of industrial ecology* 13(4): 607-621.
- Weinzettel, J.**, M. Reenaas, C. Solli, and E. G. Hertwich. **2009**. Life cycle assessment of a floating offshore wind turbine. *Renewable energy* 34(3): 742-747.
- Kovanda, J., **J. Weinzettel**, and T. Hak. **2009**. Analysis of regional material flows: The case of the Czech Republic. *Resources, conservation and recycling* 53(5): 243-254.