



Europass Curriculum Vitae

Personal information

Surname(s) / First name(s) DI Dr. Tötzer Tanja

Address(es) AIT Austrian Institute of Technology GmbH, Energy Department
Giefinggasse 6 | 1210 Vienna | Austria

Telephone(s) +43 (0)50550-4548 Mobile +43 (0)664-8251002

Fax(es) +43 (0)50550-4599

E-mail tanja.toetzer@ait.ac.at

Nationality Austrian

Date of birth 22.08.1974

Gender female

Geschäftsfeld Sustainable Buildings and Cities

Eintrittsdatum AIT 01.05.2002

Work experience

Dates May 2002 onwards

Occupation or position held Scientist

Main activities and responsibilities Projects such as:

- VorTEIL: Vorzeigeregion Tourismus – Energietechnologien & Innovationen leben! (2016-2017). Sondierungsprojekt zur Vorzeigeregion Energie.
- OÖ4Industry: Vorzeigeregion Produzierende Industrien OÖ. (2016-2017). Sondierungsprojekt zur Vorzeigeregion Energie.
- Smart Energy for Smart Industry. (Innovatives OÖ 2020, 2014-2016)
- URBANICA: Urban Expansion Simulator and Infrastructure Cost calculator (Inter-American Development Bank, 2016)
- PATCH:ES: Private Adaptation Threats and CHances: Enhancing Synergies with the Austrian NAS implementation. ACRP 6th Call. (2014-2016)
- PRoBateS: Potenziale im Raumordnungs- und Baurecht für energetisch nachhaltige Stadtstrukturen. Stadt der Zukunft, 1. Ausschreibung (2014-2016)
- M-Switch - Mobility and Smart Working Technology Bruck an der Mur. Smart Cities – FIT for SET – 3rd call – preparation for a demo-project (2014)
- Strategic Research Agenda Intelligente Energienetze (2013-2016)
- VIsion Step I - Realising Villach's Smart City Vision – Step I (Smart Energy Demo – fit4set – Austrian Climate and Energy Fund) (2012-2015)
- UFT-ADI - Urban fabric types and microclimate response – assessment and design improvement. (ACRP Austrian Climate and Energy Fund, 2011-2013)
<http://urbanfabric.tuwien.ac.at/index.php/de/>
- Support of the development of the Austrian mobility concept (Federal Ministry for Transport, Innovation and Technology, BMVIT, 2010-2011)
- Ex-Kyoto - Innovation und Nachhaltigkeit: Untersuchung der Auswirkungen der Kyoto-Instrumente auf Innovation in Österreich (F&PD research project, 2009-2011)
- F&M@asperm: Freiraum und Mikroklima: Grundlagen für Klima-sensitive Planung in Aspern (2010-2011, Haus der Zukunft plus)
- PLUREL - Peri-urban Land Use Relationships - Strategies and Sustainability Assessment Tools for Urban-Rural Linkages (EU-project, 6th FP, 2007-2010)
- Ageing Society. Altern in der Stadt: Seniorenfreundliche Wohnumfelder und Mobilitätsoptionen als Aufgabe der Stadtpolitik (research programme of the Vienna University of Economics and Business and the City of Vienna (MA27) „Altern in der Stadt:

- Aktuelle Trends und deren Bedeutung für die strategische Stadtentwicklung“, 2008)
 Ageing Society: Senior friendly residential environment and mobility options as a task of urban policy (research programme of the Vienna University of Economics and Business and the City of Vienna (MA27) „Ageing in the city: current trends and its consequences for strategic urban development“, 2008)
- future.scapes - Global change and its influence on landscape and society. Scenarios of future transition and solution strategies to mitigate negative effects (research programme proVISION for nature and society, Austrian Federal Ministry of Science and Research, BMWF, 2006-2008)
 - REMOS – Regional effects of large infrastructure. Development of a regional monitoring system for assessing the impacts of large infrastructure projects. (ARC-research project)
 - Geoland – Integrated GMES Project on Land Cover and Vegetation (EU-project, 6th FP)
 - Systemforschung im urbane Raum, 'The role of environmental innovations within the urban innovation system of Vienna', research programme in cooperation with the City of Vienna (2004-2006)
 - Zentralität Neu: Zusammenhänge zwischen Zentralität und aktuellen Prozessen sowie Konzepten der Regionalentwicklung (ÖROK, 2004)
 - Flughafenregion Wien-Bratislava – Ausgangssituation und regionale Entwicklungsperspektiven für ein Flughafensystem Wien (VIE)-Bratislava (BTS) (Flughafen Wien AG) (2003-2004)
 - Vienna Airport Mediation (2001-2005): Scientific support of the mediation process for expansion of the Vienna International Airport. Spatial analyses of the environmental, economic and social impacts on the region.
 - MASURIN: Management of Sustainable Revitalisation of Urban Industrial Sites and Areas. EC, 5th Framework Programme and contributing to the implementation of the Key Action 4 "City of Tomorrow"; (2001 – 2004)

Name and address of employer	AIT Austrian Institute of Technology GmbH
Dates	2016/2017
Occupation or position held	Lecturer
Main activities and responsibilities	Lecture "Urban Living Labs: Fundamentals and implemented Projects. Transformation of cities in the light of Climate Change and the COP 21 Agreement: theoretical and experimental concepts for Urban Living Labs"
Name and address of employer	Technical University, Vienna
Dates	2016
Occupation or position held	Lecturer
Main activities and responsibilities	Focus Lecture "Urban Development and Climate Change"
Name and address of employer	Technical University, Vienna
Dates	2002-2005
Occupation or position held	Lecturer
Main activities and responsibilities	Project "Computing based studio - GIS"
Name and address of employer	University of Natural Resources and Applied Life Sciences, Vienna
Dates	2001-2002
Occupation or position held	Freelancer, junior scientist
Main activities and responsibilities	Main project: Vienna Airport Mediation: Scientific support of the mediation process for expansion of the Vienna International Airport. Spatial analyses of the environmental, economic and social impacts on the region
Name and address of employer	ARC Seibersdorf research, Business unit: Regional Studies
Dates	1998-2001

Occupation or position held | Scholarship holder, PhD Student, Junior Scientist

Main activities and responsibilities | Main project: STAU: City-Suburb-Relations in the Urban System of Vienna: Development of Settlement Patterns, Interaction Patterns and Flow of Goods. Development of a GIS-based-model of the system of spatial elements and relations in the Vienna Region. Ministry of Education, Science and Culture Vienna

Name and address of employer | ARCS, Business unit: Environmental Planning

Education and training

Dates | 2006

Title of qualification awarded | Dr. (comp. to PhD)

Principal subjects/occupational skills covered | Thesis Title: "Spatial change – spatial planning in transition? Study on the efficiency of spatial planning for implementing a sustainable settlement development"

Name and type of organisation providing education and training | University of Natural Resources and Applied Life Sciences, Vienna, Austria

Dates | 1992-1998

Title of qualification awarded | DI (comp. to MSc), University of Natural Resources and Applied Life Sciences

Principal subjects/occupational skills covered | Thesis Title: "Industriestadt Ternitz. Chancen für eine nachhaltige Entwicklung"

Name and type of organisation providing education and training | University of Natural Resources and Applied Life Sciences, Vienna, field of study: landscape architecture and landscape planning
 Technical University, Vienna, field of study: spatial planning

Personal skills and competences

Mother tongue(s) | German

Other language(s)

Self-assessment
 European level (*)

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient User	C2	Proficient User	B2	Independent User	C2	Proficient User	C1	Proficient User
A2	Basic User	A2	Basic User	A2	Basic User	A2	Basic User	A2	Basic User

(*) Common European Framework of Reference for Languages / siehe Beilage

Technical skills and competences

Her scientific interest lies in the field of **sustainable development of urban regions, participatory planning processes and GIS-based spatial analyses** of interrelations in spatial systems (settlement-dynamics in suburban regions, transition of landscape in rural areas, spatial impacts of large infrastructure projects). Her main areas of research are related to **policies and instruments** for sustainable regional development. A further research focus of her concentrates on **sustainability and innovation research**, especially on environmental innovations and the interaction between innovation and environmental policies.

She has essential experiences in regional planning, in GIS-based analyses and modelling and in supporting regions in dealing with local impacts of global change. She has been working over the past years in several **inter- and transdisciplinary projects** where she was in charge of collaborating with researchers from different disciplines and of communicating and developing visions and scenarios together with local practitioners (REMOS, STAU, future.scapes, VIE mediation).

Computer skills and competences | MS Office, ArcGIS, SPSS