

Curriculum Vitae: Mag. Markus SPERINGER

Date of Birth: 03/03/1985

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Markus SPERINGER | is a geographer and research scientist at the Wittgenstein Centre for Demography and Global Human Capital (IIASA, VID/ÖAW, WU), Vienna Institute of Demography (Austrian Academy of Sciences) and International Institute for Applied Systems Analysis (IIASA). He is also a PhD candidate at the University of Vienna. His research interests include spatial demography and statistics, demographic modelling and urban diversity.

EDUCATION

STUDY	2013	cont.	PhD Studies (Social Sciences) at the University of Vienna with the area of specialisation: Geography, under the supervision of Wolfgang LUTZ
	2003	2012	Diploma Studies (Theoretical and Applied Geography) at the University of Vienna with the area of specialisation: Spatial Demography, Regional Research and Development Research (Focus: Asia); Thesis: “Survival of the Fittest!?” – Multi-State Population Projections by Education for the EU and the European “Newbies” – Croatia, Macedonia, Montenegro and Turkey.”, under the supervision of Heinz FASSMANN
	2003	2012	Diploma Studies (Spatial Planning and Research, Geography) at the University of Vienna
	1995	2003	High School at the Bundesrealgymnasium Wiener Neustadt (BRG Gröhrmühlgasse) with the Area of specialisation: Natural sciences

PROFESSIONAL EXPERIENCE

AFFILIATION	2015 cont.	Independent Contractor for the Department of Geography and Regional Research (IFGR) , University of Vienna in the field of accessibility and deprivation of rural areas in the province Salzburg (Austria), for the contracting authority Martin HEINTEL
	2012 cont.	Researcher at the Wittgenstein Centre for Demography and Global Human Capital (IIASA, VID/ÖAW, WU) , International Institute for Applied Systems Analysis & Vienna Institute of Demography/Austrian Academy of Sciences Sciences, under the direction of Wolfgang LUTZ, Anne GOUJON, Samir KC & Vegard SKIRBEKK
	2008 2012	Scientific assistant of the Directorate of Studies of the Faculty of Geography (SPL 29 & 45) , Department of Geography and Regional Research, University of Vienna, under the direction of Helmut WOHLISCHLÄGL
	2010	Independent Contractor for the Statistik Austria in the field of evaluation and analysis of Austrian Labour Force and Labour Market statistics, under the direction of Josef KYTIR
	2008 2009	Project Employee at the Vienna Institute of Demography (VID) , Austrian Academy of Science (ÖAW), under the direction of Anne GOUJON and Wolfgang LUTZ
	2008	Internship at the Vienna Institute of Demography (VID) , Austrian Academy of Science (ÖAW), under the direction of Anne GOUJON

SELECTED RESEARCH PROJECTS

SELECTION	2016 cont.	Human Capital Data Lab (HCDL) at the Wittgenstein Centre for Demography and Global Human Capital (IIASA, VID/ÖAW, WU) – Reconstructing Educational Attainment of Populations in the 20 th Century (EDU20C.org), under the direction of Anne GOUJON
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2015	cont.	Department of Geography and Regional Research (IfGR) , University of Vienna - Quantification of Deprivation in the Region Oberpinzgau (Province Salzburg, Austria), under the direction of Martin HEINTEL
2014	cont.	IIASA World Population Program (POP) - Socioeconomic Heterogeneity in Model Applications, under the direction of Samir KC
2013	cont.	IIASA World Population Program (POP) – Downscaling spatial heterogenic socio-demographic patterns in the context of small-scale environmental and social vulnerability, under the direction of Samir KC & Narasimha RAO
2013	2014	Human Capital Data Lab (HCDL) at the Wittgenstein Centre for Demography and Global Human Capital (IIASA, VID/ÖAW, WU) – Past present, and future of religious prospects in Vienna 1950-2050 (WIREL), under the direction of Anne GOUJON
2013	cont.	Wittgenstein Centre for Demography and Global Human Capital (IIASA, VID/ÖAW, WU) – Human Capital Data Lab (link), under the direction of Anne GOUJON
2012	2013	IIASA World Population Program (POP) – Religion, Education and Demography Study (PEW Project), under the direction of Vegard SKIRBEKK
2008	2009	Vienna Institute of Demography (VID) - From Vienna to Marrakesh – 50 years of Independent IUSSP Conferences, 1959-2009, under the direction of Wolfgang LUTZ & Anne GOUJON

AWARDS & SCHOLARSHIPS

SCHOLARSHIP 2011 2012 Study Scholarship at the University of Vienna

SELECTED PUBLICATIONS

SELECTION 2016 K.C. S., SPERINGER M., THAPA A. & KHANAL A.N. (2016) Projecting Nepal's Demographic Future – How

to deal with spatial and demographic heterogeneity?
IIASA Working Paper [forthcoming]

- 2016 GOUJON A., K.C. S., SPERINGER M., BARAKAT B., POTANCOKOVA M., EDER J., STRIESSNIG E., BAUER R. & LUTZ W. (2016) A Harmonized Dataset on Global Educational Attainment between 1970 and 2016 – An Analytical Window into recent Trends and Future Prospects in Human Capital Development. (In: Journal of Demographic Economics, Volume 82, Issue 3, p315-363)
- 2016 HEINTEL M., SPERINGER M., SCHNELZER J., & BAUER R. (2016) Regionale Benachteiligung und Daseinsgrundvorsorge am Beispiel des Oberpinzgaus: Ein Widerspruch? (In: SIR-Mitteilungen und Berichte Band 36/2016) [in print]
- 2016 HEINTEL M., SPERINGER M., SCHNELZER J. & BAUER R. (2016) Quantifizierung der Benachteiligung der Region Oberpinzgau. Project Report.
- 2015 SPERINGER M., GOUJON A., K.C. S., EDER J., POTANCOKOVA M. & BAUER R. (2015) Validation of the Wittgenstein Centre Back-projections for Populations by Age, Sex, and Six Levels of Education from 2010 to 1970. IIASA Interim Report IR-15-008. ([link](#))
- BAUER R. & SPERINGER M. (2015; forthcoming) Religious and ethnic neighbourhood profiles in Vienna, 1971-2011: A comparison of two dimensions of urban diversity. VID Working Paper. Vienna Institute of Demography (Austrian Academy of Sciences).
- 2014 SPERINGER M. & BAUER R. (2014) Residential patterns by religion and ethnicity in Vienna. (In: Yearbook of International Religious Demography (YIRD))
- 2013 SPERINGER M. (2013) Survival of the Fittest!? Multi-State Population Projections by Education for the EU and the European “Newbies” – Croatia, Macedonia, Montenegro and Turkey. – Wien, Utrecht (In: The European Geographer, Special Issue: Scientific Symposium 2012, 11th Issue in Aug.2013, p.05-11).

- 2012 SPERINGER M. (2012) Survival of the Fittest!? Multi-State Population Projections by Education for the EU and the European “Newbies” – Croatia, Macedonia, Montenegro and Turkey. – Wien. (Diploma Thesis)
- 2011 SPERINGER M. & DEIBL C. (2011) “Shifting Needs” - Change of Services of General Interest (SGI) following the socio-demographic transition in the EU. – Wien, München (In: EGEA Bayern (2011), Networks of Supply - Congress Report. – München, Erlangen).
- 2010 GRUBER E. & SPERINGER M. (2010) Education Matters – Projecting Demographic Behaviour by Educational Attainment. – Wien, Utrecht (In: The European Geographer, 6th Issue in Sep.2010, p.08-13).
- SPERINGER M. (2010) Future Demographics of Alpine Space. – Wien (In: EGEA Wien (2010), Living in the Alps – Congress Report. – Wien, p.28-29).
- 2009 LUTZ W., GOUJON A., EDIEV D. & SPERINGER M. (2009) From Vienna to Marrakesh – 50 years of Independent IUSSP Conferences, 1959-2009. – Wien.

SELECTED PRESENTATIONS, TALKS & WORKSHOPS

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| SELECTION | 2016-12-01 | Dezembertagung des DGD-Arbeitskreises "Städte und Regionen" in Kooperation mit dem BBSR, DGD/BBSR 2016 (Deutsche Gesellschaft für Demographie & Bundesinstitut für Bau-, Stadt- und Raumforschung): “Multipler Benachteiligungsindex: Fallbeispiel Pinzgau (Salzburg/Österreich)“ (presented with Martin Heintel) |
| | 2016-10-02 | European Population Conference, EPC 2016 (Federal Institute for Population Research & European Association for Population Studies): “Educational Attainment in the 20 th Century. Using data from historical censuses and statistical yearbooks to reconstruct and validate a new global dataset on education. The example of Italy and United States (Session P3-20)” |
| | 2016-10-01 | European Population Conference, EPC 2016 (Federal Institute for Population Research & European Association for Population Studies): “Projecting the |

- regional explicit socioeconomic heterogeneity in India by residence (Session 32)” (presented by Samir K.C.)
- 2016-04-02 Population Association of America Annual Meeting, PAA 2016 (PAA): “Projecting the Regional Explicit Socioeconomic Heterogeneity in India (Session 206-2)” (presented by Samir K.C.)
- 2016-03-31 Population Association of America Annual Meeting, PAA 2016 (PAA): “Measuring Education from Present to Past –The Construction of a Global Dataset on the Educational Attainment in the 20th Century (Poster Session P3-83)” (presented by Michaela Potancokova)
- 2015-10-02 Deutscher Kongress für Geographie, DKG 2015 (Humboldt Universität zu Berlin): „Projection of Subnational Social Heterogeneity in India“
- 2015-09-08 British Society for Population Studies, BPS 2015 Conference (University of Leeds): “Measuring Education from the present in the past. The construction of a global dataset on the educational attainment in the 20th Century”
- 2015-09-07 British Society for Population Studies, BPS 2015 Conference (University of Leeds): “Projecting the regional explicit development of the population structure and social heterogeneity in Nepal” (presented by Samir K.C.)
- 2015-07-28 Asian Population Conference, APA 2015 (University of Malaya, Kuala Lumpur): “Projecting Population at Spatial Level in Nepal and its Application in the Health Sector Planning” (presented by Samir K.C.)
- 2015-03-19 IIASA Brown Bag Seminar (International Institute for Applied Systems Analysis, Laxenburg): “Socioeconomic Heterogeneity in Model Applications (SCHEMA)” (presented by Gregor Kiesewetter, Narashima Rao, Hugo Valin and Samir K.C.)
- 2014-09-10 British Society for Population Studies, BPS 2014 Conference (University of Winchester): “Religious and ethnic neighbourhood profiles in Vienna: A comparative assessment of two dimensions of urban diversity (1971-2011)” [[link](#)] (presented by Ramon Bauer)

- 2014-08-21 International Geographical Union Regional Conference (Jagiellonian University, Institute of Geography and Spatial Management, Cracow): “Religious and ethnic neighbourhood profiles in Vienna: A spatio-temporal comparison of two dimensions of urban diversity (1971-2011)” [[link](#)] (presented by Ramon Bauer)
- 2014-08-20 International Geographical Union Regional Conference (Jagiellonian University, Institute of Geography and Spatial Management, Cracow): “Small-scaled population projections: How to deal with socio-demographic heterogeneity in modelling spatial fertility patterns?”
- 2014-06-27 European Population Conference (Hungarian Demographic Research Institute & European Association for Population Studies): “Measuring Education in the Century of Change”
- 2014-06-27 European Population Conference (Hungarian Demographic Research Institute & European Association for Population Studies): “Religious and ethnic neighbourhood profiles in Vienna 1971 - 2011: a comparison of two dimensions of urban diversity” [[link](#)] (presented by Ramon Bauer)
- 2013-10-30 TU Dichte Woche (Institut für Städtebau, Landschaftsarchitektur und Entwerfen, Fachbereich Städtebau): „Ist Transdanubien Wien!? Demographische Entwicklung Wiens mit Fokus auf Transdanubien“
- 2013-10-05 58. Deutscher Geographentag (Universität Passau): “Religiöse und ethnische Diversität in Wien: Eine räumliche Analyse” (presented by Ramon Bauer)
- 2013-09-19 XI Conference of Young Demographers (Krakow University of Economics): “Religious and ethnic neighbourhood profiles of Vienna: A comparison of two dimensions of urban diversity”
- 2013-06-26 International Conference on Population Geography (ICPG 2013, University of Groningen): “Religious and ethnic neighbourhood profiles of Vienna: A comparison of two dimensions of urban diversity” (presented by Ramon Bauer)
- 2012-09-13 EGEA Annual Congress, Scientific Symposium 2012 (EGEA Leuven): “Survival of the Fittest!? –Multi-State

		Population Projections by Education in the European Union“
2012-06-01		EUROGEO Conference Dublin (European Association of Geographers): “Survival of the Fittest!? –Multi-State Population Projections by Education in the Europe“
2011-09-10		EGEA Annual Congress, Workshop (EGEA Erlangen & München): “Shifting Needs - Change of Services of General Interest (SGI) following the socio-demographic transition in the EU”
2010-04-06		EGEA Western Regional Congress, Workshop (EGEA Wien): “Future Demographics of the Alpine Space”

MEMBERSHIPS & VOLUNTARY WORK

MEMBERSHIPS	2016 cont.	Österreichische Geographische Gesellschaft (ÖGG)
	2007 cont.	European Geography Association for Students and Young Geographers (EGEA)
VOLUNTARY	2011 2014	EGEA Scientific Committee
	2012 2013	Secretary of the EGEA Scientific Committee with organising tasks: Scientific Symposium 2012 & 2013, EUROGEO Conference 2012 & 2013, E-Lectures 2013

ADDITIONAL SKILLS

LANGUAGE	German, native language (C2)	
	English, competent use of language (C1)	
	French, basic use of language (A1)	
TECHNICAL SKILLS	Microsoft Office	● ● ● ● ●
	Adobe Illustrator	● ● ● ● ●
	Adobe Photoshop	● ● ● ● ○
	Adobe InDesign	● ● ● ● ○
	GIMP	● ● ● ● ○
STATISTICS	R Project	● ● ● ● ○

Visual Basics (VBA)



STATA



SPSS Statistics



CrimeStat



GEOINFORMATION

QGIS



ArcGIS



GeoDa



COURSES

2014

“Demographic Analysis and Computer Application” by Sergei Scherbov (College of Population Studies, Chulalongkorn University, Bangkok)

2008

“Project Management” by Christoph Berger (PM Basic Certification, Projekt Management Austria)

OTHERS

Anime Studio Pro, Blender 3D Animation, Filemaker, i3v Administration System, Moodle Learning Platform, PDE Population Projection Software, Typo3 Content Management System