

Curriculum Vitae: Ramon Bauer

Ramon Bauer (*1969) is a geographer, living and working in Vienna. He is university assistant at the University of Vienna, Department of Geography and Regional Research, coordinating the Erasmus Mundus Master Programme in Urban Studies (www.4cities.eu). He is also research scientist at the Wittgenstein Centre for Demography and Global Human Capital (IIASA, VID/ÖAW, WU), Vienna Institute of Demography (Austrian Academy of Sciences), as well as a sometimes blogger (metropop.eu). His research interests include urban diversity, spatial demography (of European cities and regions), global development (migration & human capital) and data visualisation.

EDUCATION

- ▶ since 2014: PhD Studies (Social Sciences) at the University of Vienna
- ▶ 2004 – 2010: Studies in Geography at the University of Vienna (with distinction).
Area of specialisation: Spatial Demography & Development Research (Focus: Asia); Thesis: Demography of European Regions (written in English; ÖGG 2012 advancement award)
- ▶ 1988: High School (Bundesrealgymnasium Polgarstrasse, Vienna); Graduation: Matura

PROFESSIONAL EXPERIENCE

- ▶ since 2014: University Assistant at the University of Vienna, Department of Geography and Regional Research (Workgroup Applied Geography, Spatial Research and Spatial Planning) ([link](#))
– Coordinator @univie of 4cities Erasmus Mundus Master Programme in Urban Studies ([link](#))
- ▶ since 2011: Research Scientist at the Wittgenstein Centre for Demography and Global Human Capital (IIASA, VID/ÖAW, WU), Vienna Institute of Demography (Austrian Academy of Sciences) ([link](#))
- ▶ 2009 – 2010: Research Assistant (of Heinz Fassmann) at the Department of Geography and Regional Research at the University of Vienna (ESPON Applied Research Project “DEMIFER”)
- ▶ 1990 – 2008: Concept Developer at “Tina Frank Design” (2005 – 2008); Co-Founder & CEO music label “Mego” and Musician / Artist (1995 – 2005); Co-Founder & Project Manager “U.R.L. – Agentur für Informationsdesign” (1996 – 2002); Employee (Sales) at Fontshop Austria (1993 – 1996); Employee (Dispatch) at Vienna Airport (1990 – 1992).

RESEARCH PROJECTS

Current

- ▶ since 2015: Dynamics and policy implications of changes in student mobility – AT case study ([link](#))
- ▶ since 2014: Moving Patterns – Neighbourhood dynamics of demographic and social diversity in Vienna (Dissertation project)
- ▶ since 2011: Wittgenstein Centre – Human Capital Data Lab. ([link](#))

Completed

- ▶ 2011 – 2014: WIREL – Past, present, and future religious prospects in Vienna 1950 – 2050. ([link](#))
- ▶ 2012 – 2014: SEEMIG – Managing Migration and its Effects in South-East Europe. ([link](#))
- ▶ 2013 – 2014: Demographie-Check LEADER-Region “Kulturpark Eisenstraße-Ötscherland”
- ▶ 2012 – 2013: Demographie-Check LEADER-Region “Waldviertel Süd / Nibelungengau”
- ▶ 2009 – 2010: DEMIFER – Demographic and Migratory Flows Affecting European Regions and Cities. ([link](#))

TEACHING

Regular courses: 4cities Erasmus Mundus Master Course in Urban Studies – University of Vienna)

- ▶ since 2014: “Urban Analysis III – Data handling, analysis, visualisation, communication” ([link](#))
- ▶ since 2013: “Master Thesis Skills for Urban Researcher” ([link](#))
- ▶ since 2011: “Demography of European Cities” ([link](#))

On invitation: courses & workshops

- ▶ 2015 (January): “Data visualisation” workshop with Tina Frank @ University of Applied Arts Vienna – Social Design. ([link](#))
- ▶ since 2014: “Scales of Demography” – OAED Summer School “Alternative Economic and Monetary Systems” at BOKU (University of Natural Resources and Life Sciences), Vienna ([link](#))
- ▶ 2013 (winter term): “Data Visualisation” course with Tina Frank @ University of Arts and Industrial Design Linz – Department for Graphic Design and Photography. ([link](#))
- ▶ since 2010: Lecturer “Migration & Development”; since 2013 also “Statistics & Demography” (University of Salzburg/St. Virgil) – ULG Migration Management MAS ([link](#)).

AWARDS

- ▶ 2012: Austrian Geographical Society advancement award 2011 (ÖGG Förderpreis) for the thesis (Diplomarbeit) “Demography of European Regions, 2010”. ([link](#))

DATA VISUALISATIONS, RESEARCH DISSEMINATION / SCIENCE COMMUNICATION & POSTERS

Data visualisations

- ▶ “Vienna’s Electorate Gap – District by District” (2015):
 - Infographic: www.metropop.eu/vienna-electorate-poster.html by Ramon Bauer, Tina Frank and Michael Holzapfel
 - Interactive data map: www.metropop.eu/vienna-electorate-map coded by Clemens Schrammel
- ▶ “Future Religious Landscapes of Vienna” (2015) by Ramon Bauer, Tina Frank and Clemens Schrammel
 - Online at: www.wirel-project.at/futures
- ▶ “The Global Flow of Refugees” (2015) by Nikola Sander and Ramon Bauer; data by UNHCR.
 - Online at: www.global-refugees.info

- ▶ “Vienna’s Residential Patterns by Religion and Ethnicity” (2014) by Ramon Bauer, Christoph Fink and Markus Springer. Online at: www.wirel-project.at/maps
- ▶ “The Changing Religious Landscape of Vienna” (2014) by Ramon Bauer, Tina Frank, Anne Goujon and Clemens Schrammel. Online at: www.wirel-project.at/dataviz
- ▶ “The Global Flow of People” (2014) by Nikola Sander, Guy J. Abel and Ramon Bauer
 - coded by null2 (Berlin); screendesign by Elvira Stein. Online at: www.global-migration.info
- ▶ “Internal Migration in Germany” (2014) by Nikola Sander and Ramon Bauer
 - coded by null2 (Berlin); screendesign by Elvira Stein. Online at: www.german-migration.info
- ▶ “Circular World – a collection of circular migration plots” by Nikola Sander and Ramon Bauer. Online at: www.circular-world.com

Research dissemination & science communication

- ▶ WIREL project (science communication)
 - Website editor (2011–2015). Online at: www.wirel-project.at
 - Key findings report (2015). Online at: www.wirel-project.at/findings
 - Media relations (2014/15). References online at: www.wirel-project.at/wirel-in-the-media/
- ▶ “Wittgenstein Centre Data Explorer” (since 2014) – Online data dissemination tool by Guy J. Abel, Anne Goujon, Ramon Bauer, Jakob Eder and Samir K.C. Online at: www.wittgensteincentre.org/dataexplorer

Scientific posters

- ▶ Goujon, A., Bauer, R., and Frank, T. (2014). Reconstructing the past using multi-state population projections: the example of religious denominations in the City of Vienna from 1971 to 2011. Wittgenstein Centre for Demography and Global Human Capital, Vienna Institute of Demography (Austrian Academy of Sciences). ([pdf](#))
- ▶ Sander, N., Abel, G. J., and Bauer, R. (2014). Global Migration Data Sheet 2005 – 2010. Wittgenstein Centre for Demography and Global Human Capital, Vienna Institute of Demography (Austrian Academy of Sciences). ([pdf](#))

PUBLICATIONS

Forthcoming

- ▶ Goujon, A., and Bauer, R. (2015; forthcoming). Reconstructing the Past Using Multistate Population Projections: The Example of Religious Denominations in the City of Vienna from 1971 to 2011. VID Working Paper. Vienna Institute of Demography (Austrian Academy of Sciences).
- ▶ Bauer, R., and Springer, M. (2015; forthcoming). Religious and ethnic neighbourhood profiles in Vienna (1971–2001): A comparison of two dimensions of urban diversity. VID Working Paper. Vienna Institute of Demography (Austrian Academy of Sciences).

Published

- ▶ Sander, N., and Bauer, R. (2015). “Visualizing The Global Migration System”. *New World 2/2015*, United Nations Association of Great Britain and Northern Ireland (UNA-UK). ([online article](#))

- ▶ Goujon, A., and Bauer, R. (2015). Demographic forces shaping the religious landscape of Vienna. In: Stanley D. Brunn (ed.), *The Changing World Religion Map*. Berlin and New York: [Springer](#). ([pdf](#))
- ▶ Springer, M., Goujon, A., KC, S., Eder, J., Potančoková, M., and 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. ([pdf](#))
- ▶ Bauer, R., Gruber, E., und Heintel, M. (2015). Die demographische und wirtschaftliche Entwicklung der LEADER-Region Kulturpark Eisenstraße – Ötscherland. Projektendbericht im Auftrag der LEADER-Region Kulturpark Eisenstraße – Ötscherland – Nibelungengau. In: Ernst Bruckmüller (Hg.), *Im Reich des Ötschers. Zur Vielfalt einer Region*. Schriftenreihe des Instituts für Österreichkunde. new academic Press, Wien.
- ▶ Fassmann, H., Musil, E., Bauer, R., Meleg, A., and Gruber K. (2014). Longer-Term Demographic Dynamics in South-East Europe: Convergent, Divergent and Delayed Development Paths. *Central and Eastern European Migration Review*, Vol. 4, December 2014, pp. 1–23 ([online first](#), [pdf](#))
- ▶ Springer, M., and Bauer, R. (2014). Residential Patterns by Religion and Ethnicity in Vienna. In: Brian J. Grim, Todd M. Johnson, Vegard Skirbekk and Gina A. Zurlo (ed.), [Yearbook of International Religious Demography 2014](#), Brill. ([pdf](#))
- ▶ K.C., S., Potančoková, M., Bauer, R., Goujon, A., and Striessnig E. (2014). Data and Methods. In: Wolfgang Lutz, William P. Butz and Samir K.C. (ed.), [World Population and Human Capital in the Twenty-First Century](#). Oxford University Press. ([executive summary](#))
- ▶ Sander, N., Abel, G.J., Bauer, R. and Schmidt, J. (2014). Visualising migration flow data with circular plots. VID Working paper 02/14. Vienna Institute of Demography, Austria. ([pdf](#) + [supplementary material](#))
- ▶ Bauer, R., Gruber, E., und Heintel, M. (2014). Demographie-Check: LEADER-Region Kulturpark Eisenstraße – Ötscherland. Projektendbericht im Auftrag der LEADER-Region Kulturpark Eisenstraße – Ötscherland – Nibelungengau. ([pdf](#))
- ▶ K.C., S., Potancokova, M., Bauer, R., Goujon, A. and Striessnig, E. (2013). Summary of Data, Assumptions and Methods for New Wittgenstein Centre for Demography and Global Human Capital (WIC) Population Projections by Age, Sex and Level of Education for 195 Countries to 2100. IIASA Interim Report IR-13-018. ([pdf](#))
- ▶ Gisser, R., and Bauer, R. (2013). Institutsporrait: Vienna Institute of Demography. *Geographie Aktuell* III/2013.
- ▶ Bauer, R., Gruber, E., und Heintel, M. (2013). Demographie-Check als Planungsgrundlage für Regionalentwicklung: LEADER-Region Waldviertel Süd – Nibelungengau. In: *Das Waldviertel. Zeitschrift für Heimat- und Regionalkunde des Waldviertels und der Wachau*, 62. Jahrgang (4/2013), S. 433 – 455.
- ▶ Bauer, R., Gruber, E., und Heintel, M. (2013). Demographie-Check: LEADER-Region Waldviertel Süd – Nibelungengau. Projektendbericht im Auftrag der LEADER-Region Waldviertel Süd – Nibelungengau.
- ▶ Bauer, R., Potancokova, M., Goujon, A., and K.C., S. (2012). Populations for 171 Countries by Age, Sex, and Level of Education around 2010: Harmonized Estimates of the Baseline Data for the Wittgenstein Centre Projections. IIASA Interim Report IR-12-016. ([pdf](#))
- ▶ Bauer, R., Fassmann, H., Gruber, E. and Humer, A. (2012). Die Projekte DEMIFER und SeGI – Demografische Entwicklungen und sozialpolitische Herausforderungen. *RaumPlanung* 165/6-2012, 20 – 25.
- ▶ Bauer, R. (2012), Demographie europäischer Regionen. *Geographie Aktuell* IV/2012.

- ▶ Bauer, R. (2011). Bevölkerungsentwicklung findet Stadt. Aktuelle demografische Strukturen und Trends in Österreichs Städten. KONstruktiv 284 (Dezember 2011), 16 – 19. Wien: Zeitschrift der Bundeskammer der Architekten und Ingenieurskonsulenten.
- ▶ Bauer, R., and Fassmann, H. (2011). Europa – demographische Differenzierung eines alternden Kontinents. – In: Husa, K., Parnreiter, C. and Wohlschlägl, H. (Hg.). Weltbevölkerung. Zu viele, zu wenige, schlecht verteilt?. Historische Sozialkunde / Internationale Entwicklung 30/2011, 61 – 78. Wien: Promedia & Südwind.
- ▶ Bauer, R., and Fassmann, H. (2011). Demographischer Wandel im südöstlichen Europa. IDM Info Europa 1/2011, S. 14-15. Wien: Institut für den Donauraum und Mitteleuropa (IDM).
- ▶ De Beer, J., Van der Gaag, R., Van der Erf, R., Bauer, R., Fassmann, H., Kupiszewski, D., Kupiszewski, I.M., Rees, P., Boden, P., Denet, A., Jasinska, M., Stillwell, J., Wohland, P., De Jong, A., Ter Veer, A., Roto, J., Van Well, L., Heins, F., Bonifazi, C., and Gesano, G. (2010). Final Report. The ESPON 2013 Programme, DEMIFER Demographic and migratory flows affecting European regions and cities, Applied Research Project 2013/1/3. Luxembourg: European Spatial Planning Observation Network. ([pdf](#))
- ▶ Bauer, R., and Fassmann, H. (2010). Typology of regions. Final Report, Annex 3, The ESPON 2013 Programme, DEMIFER Demographic and migratory flows affecting European regions and cities, Applied Research Project 2013/1/3. Luxembourg: European Spatial Planning Observation Network. ([pdf](#))
- ▶ Bauer R. (2010), Demography of European Regions. A Spatial Perspective on Current Population Patterns (Thesis). Vienna: University of Vienna. ([link](#))
- ▶ Trischak, E. and Bauer, R. (2009). NSEW – Urban Explorations along the Matrix. The Cartographic Journal, Special Issue Art & Cartography, Volume 16, Number 4 (November 2009), 366 – 371. ([pdf](#))
- ▶ Bauer, R., and Trischak, E. (2008). Reisen zu den Schnittpunkten der Stadt. Zoll+, Österreichische Schriftenreihe für Landschaft und Freiraum, Nr. 13 (Dezember 2008), 23 – 27.

SELECTED PRESENTATIONS, TALKS & PANELS

- ▶ 09/2015: British Society for Population Studies, BSPS 2015 Conference (University of Leeds):
 - “Internal migration in Austria along the rural-urban continuum and across the life course, 1996–2013” with Nikola Sander. ([html-slides](#))
 - “Measuring education from the present in the past: the construction of a global dataset on the educational attainment in the 20th Century” presented by Markus Springer.
- ▶ 07/2015: What to do about resource depletion and population growth? Panel discussion with Helga Kromp-Kolb & Lisa Bohunovsky at AEMS summer school (BOKU, Vienna).
- ▶ 07/2015: International Conference on Population Geography (ICPG 2015, University of Queensland):
 - “Vienna’s religious diversity in the past, present & future. A tale of three research-driven data visualisations”. ([pdf](#))
 - “Internal migration in Austria along the rural-urban continuum and across the life course, 1996–2013”. Joint presentation with Nikola Sander. ([html-slides](#))
 - “How Data Visualisation Enhances the Impact and Visibility of Science”. Presented by Nikola Sander. ([html-slides](#))

- ▶ 07/2015: APA – Asian Population Association 3rd International Conference (Kuala Lumpur): “Adding Design to the Research Process: Visualising Complex Migration Flow Data” (w/ Tina Frank And Nikola Sander; presented by Nikola Sander).
- ▶ 04/2015: PAA – Population Association of America 2015 Meeting (san Diego): “How Data Visualisation Enhances the Impact and Visibility of Science” (presented by Nikola Sander).
- ▶ 01/2015: Social Design Public Lecture Series (University of Applied Arts Vienna): “Hot Spot Vienna. What drives urban diversity?” ([link](#))
- ▶ 12/2014: 4Cities: Foreign cities, foreigners in the city (University of Copenhagen): “Residential patterns by religion and ethnicity in Vienna (1971-2011)” ([link](#))
- ▶ 09/2014: British Society for Population Studies, BSPS 2014 Conference (University of Winchester): “Religious and ethnic neighbourhood profiles in Vienna: A comparative assessment of two dimensions of urban diversity (1971-2011)” ([pdf](#))
- ▶ 08/2014: The Graphical Web 2014 Conference (University of Winchester) : “Data visualisation at the nexus of science and the public” (presented by Nikola Sander & Ramon Bauer) ([pdf](#), [html-slides](#))
- ▶ 08/2014: International Geographical Union, IGU 2014 Regional Conference (University of Krakow): “Religious and ethnic neighbourhood profiles in Vienna: A spatio-temporal comparison of two dimensions of urban diversity (1971-2011)” ([pdf](#))
- ▶ 08/2014: International Geographical Union, IGU 2014 Regional Conference (University of Krakow): “Migration transformations in South-East European countries: From emigration to immigration?” (presented by Elisabeth Musil).
- ▶ 08/2014: OEAD Summer School Alternative Economic and Monetary Systems (BOKU Vienna): “Demographic patterns and dynamics at different geographical scales”
- ▶ 07/2014: ISA World Congress on Sociology (Yokohama): “Towards Better Education and Less Inequality? Trends in Geographical, Generational and Gender Inequality in Education” (presented by Anne Goujon)
- ▶ 06/2014: European Population Conference 2014 (Corvinus University of Budapest): “Religious and ethnic neighbourhood profiles in Vienna 1971 - 2011: a comparison of two dimensions of urban diversity” ([pdf](#))
- ▶ 06/2014: European Population Conference 2014 (Corvinus University of Budapest): “Migration cycles and transitions in South-East Europe: from emigration to immigration countries?” (presented by Elisabeth Musil).
- ▶ 06/2014: European Population Conference 2014 (Corvinus University of Budapest): “New global estimates of mean years of schooling for 171 countries” (presented by Michaela Potancokova).
- ▶ 10/2013: Technische Universität Wien: “Ist Transdanubien Wien? Demographische Entwicklung Wiens mit Fokus auf Transdanubien” (presented by Markus Springer).
- ▶ 10/2013: 58. Deutscher Geographentag (Universität Passau): “Religiöse und ethnische Diversität in Wien: Eine räumliche Analyse”. ([pdf](#))
- ▶ 10/2013: 58. Deutscher Geographentag (Universität Passau): “Wirtschaftliche Perspektiven im Demo.Check: Das Beispiel einer LEADER-Region in Niederösterreich” (presented by Elisabeth Gruber & Martin Heintel).

- ▶ 08/2013: IUSSP 2013 – XXVII International Population Conference; pre-event on “Using Census Micro-data for Demographic Reserach” (Busan, Korea): “Good data are hard to find: The effort to assess the educational attainment of Africa’s population (presented by Michaela Potancokova).
- ▶ 07/2013: EGEA e-lecture (European Geography Association for students and young geographers): “The demographic crisis of Europe? Trends and implications of population dynamics”.
- ▶ 06/2013: 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”. ([pdf](#))
- ▶ 05/2013: Österreichische Geographische Gesellschaft (Schwerpunktortrag, Universität Wien): “Demographische Vielfalt und Trends in Europa”.
- ▶ 04/2013: IMISCOE meets Academy: Migration in Urban Contexts (Austrian Academy of Sciences, Vienna): “Migration as a driver of religious change in Vienna”. ([pdf](#))
- ▶ 11/2012: Ringvorlesung “Weltbevölkerung” (Global Studies, Universität Graz): “Europas demographischer Pluralismus: Nationale Trends und regionale Vielfalt”.
- ▶ 08/2012: Asian Population Conference (APC 2012, Bangkok): “Gender and Generation Gaps in Education in Asian Countries” (presented by Michaela Potancokova).
- ▶ 06/2012: 7th International Colloquium on the Changing Religious Landscape of Europe (Max Planck Institute for the Study of Religious and Ethnic Diversity, Göttingen): “Reconstruction of the forces shaping the religious composition of the population of Vienna from 1951 to 2011” (presented by Anne Goujon).
- ▶ 04/2012: Congress of Polish Statistics (Poznan) “The human capital puzzle: Why is it so hard to find good data on educational attainment?” (presented by Anne Goujon).
- ▶ 04/2011: Ringvorlesung “Weltbevölkerung” (Universität Wien): “Europas demographischer Pluralismus: Nationale Trends und regionale Vielfalt”.
- ▶ 12/2010: VID Colloquium (Vienna Institute of Demography, Vienna): “Scaling through Space: A Demographic Typology of European Regions”.
- ▶ 11/2010: Dealing with Change – Demographic Change and Development Strategies (ARL Conference, Berlin): “A Demographic Typology of European Regions: Highlighting the Spatial Implications of Current Population Patterns”.
- ▶ 11/2010: DEMIFER Policy Lunch Seminar (Swedish Representation, Brussels): “Demographic policy challenges and potentials for European regions (DEMIFER Project Results)”.
- ▶ 09/2010: European Population Conference (EPC 2010, Vienna): “Thinking Spatially: A Demographic Classification of European Regions”.

CONSULTING & REVIEWING

- ▶ 10/2014: Reviewer – Research grant proposal for the National Science Center, Poland ([link](#))
- ▶ 06/2014: Symposium “Multiply Futures” at Kunstuniversität Linz. ([link](#))
- ▶ 06/2012: Symposium “Multiply – Diversity as a new way to Design” at Kunstuniversität Linz. ([link](#))
- ▶ 11/2011: Exhibition “Generationenstadt”, curated by Christiane Feuerstein and Angelika Fitz. ([link](#))

MEMBERSHIPS

- ▶ since 2010: EAPS (European Association for Population Studies)
- ▶ since 2010: ÖGG (Österreichische Geographische Gesellschaft)
- ▶ since 2007: EGEA-Alumni (European Geography Association for Students and Young Geographers)

ADDITIONAL SKILLS

- ▶ 09/2015: Data visualisation “Data Visualization and Infographics with D3” (MOOC – Knight Center for Journalism in the Americas)
- ▶ 12/2012: Data visualisation “Introduction to Infographics and Data Visualization” (MOOC – Knight Center for Journalism in the Americas)
- ▶ 06/2008: Project management “pm basic certification” (Projekt Management Austria)