

Nikola Sander

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*Population geographer/spatial demographer focusing on internal & international migration,
(re-)urbanisation, population projections and data visualisation*

Education

- Apr 2006 - Feb 2011 **PhD in Geography**, *University of Queensland, Australia*,
Title: "Retirement Migration of the Baby Boomers in Australia: Beach, Bush or Busted?", Advisor: Professor Martin Bell.
- Oct 2007 - Mar 2008 **International Max Planck Research School for Demography**, *Max Planck Institute for Demographic Research, Germany*.
- Jun 2007 - Aug 2007 **Young Scientists Summer Program**, *World Population Program, International Institute for Applied Systems Analysis, Austria*.
- Oct 1999 - Jul 2005 **Diplom in Geography (Master's equivalent)**, *Eberhard-Karls University Tübingen, Germany*.
- Apr 2004 - Nov 2004 **Research stay**, *Griffith University, Gold Coast, Australia*.
- Feb 2003 - July 2003 **Study abroad**, *Flinders University, Adelaide, Australia*.
- 1998 **Abitur (baccalaureate)**, *Konrad-Heresbach Gymnasium Mettmann, Germany*.

Current Positions

- since Nov 2010 **Research Scholar**, *Vienna Institute of Demography, Austrian Academy of Sciences, Austria*.
- since Jan 2011 **Research Team Leader 'Migration & Education'**, *Wittgenstein Centre for Demography and Global Human Capital, Austria*.

Previous Positions

- Aug 2010 - Oct 2010 **Associate Research Scholar**, *World Population Program, International Institute for Applied Systems Analysis, Austria*.
- May 2006 – Mar 2007 **Research Assistant**, *School of Geography, Planning and Environmental Management, The University of Queensland, Australia*, working for the Queensland Centre for Population Research.
- Jun 2004 – Feb 2005 **Research Assistant**, *School of Environmental and Applied Sciences, Griffith University, Australia*, conducting case studies on amenity migration in inland Australia.

Teaching Experience

- Apr 2011 - May 2011 **Guest lecturer**, *Department of Tourism and Hospitality Management, MODUL University Vienna*, Course: Latest Trends and Innovations in Tourism.

Aug 2006 – Nov 2008 **Guest lecturer**, *School of Geography, Planning and Environmental Management, The University of Queensland, Australia*, Course: Applied Demography.

Selected Scholarships and Awards

- 2006 - 2011 **UQ International Scholarship (UQI)**, *University of Queensland, Australia*.
2006 **International Postgraduate Research Scholarship (IPRS)**, *University of New South Wales, Australia (declined)*.
2003 **Baden-Württemberg Exchange Program Award**, *Flinders University, Australia*.

Funding Support

- 2010 - 2014 **European Research Council Advanced Investigator Grant**,
PI: Prof. Wolfgang Lutz,
Title: "Forecasting Societies' Adaptive Capacities to Climate Change".
2010 - 2014 **Economic and Social Research Council (ESRC)**,
PI: Prof. Allan Findlay,
Title: CPC-II - Mobility Strand - WP 3.2 "Dynamics and policy implications of changes in student mobility".
2007 - 2010 **European Commission**,
WP leader: Prof. Vegard Skirbeck,
Title: "Peri-urban Land Use Relationships: Strategies & Sustainability Assessment Tools for Urban-Rural Linkages" (PLUREL).
2006 - 2010 **Australian Research Council Discovery Grant**,
PI: Prof. Martin Bell,
Title: "Understanding the Structure of Internal Migration in Australia".

Professional Services

- since 2015 **Population, Space & Place (Wiley)**, *Member of the International Advisory Board*.
since 2014 **Austrian Integration Fund**, *Member of the Jury for the Dissertation Price*.
since 2013 **International Geographical Union, Commission on Population Geography**,
Member of the Steering Committee and Secretary.
2002 **University of Tübingen**, *Member of the Professorship Search Committee*.

Refereeing

- Journals International Migration Review,
Population, Space & Place,
European Journal of Population,
Demographic Research,
Journal of Population Research,
PLOS One,
Population and Environment,
Comparative Population Studies.
- Granting Bodies Polish National Science Centre.

Membership of Scientific Societies

International Union for the Scientific Study of Population.

Population Association of America.

European Association for Population Studies.

International Geographical Union.

Refereed Journal Articles

Population, Space & Place **N. Sander** & M. Bell, *Age, Period and Cohort Effects on Migration of the Baby Boomers in Australia*, in press.

Science G. Abel[‡] & **N. Sander**[‡], *Quantifying Global International Migration Flows*, vol. 343 (6178): 1520-1522, 2014, [PDF](#).

[‡] co-first author

Comparative Population Studies **N. Sander**, *Internal migration in Germany, 1995-2010: new insights into East-West migration and re-urbanization*, vol. 39(2): 217-246, 2014, [PDF](#).

Journal of Population Research **N. Sander** & M. Bell, *Migration and Retirement in the Life Course: An event history approach*, vol. 31(1): 1-27, 2014, [PDF](#).

revise & resubmit **N. Sander**, G. Abel, R. Bauer & J. Schmidt, *Mapping The Global Flow of People: A Practical Guide to Visualising Migration with Circular Plots*, Demographic Research.

in review **N. Sander**, *Die Zuwanderung aus Südeuropa nach Deutschland im globalen Kontext*, Berichte zur deutschen Landeskunde.

Book Chapters

Springer J. Stillwell, N. Lomax & **N. Sander**, *Monitoring and Visualising Sub-national Migration Trends in the United Kingdom*, In: *Planning Support Systems and Smart Cities*, pp. 427-445, 2015, eds. S. Geertman, J. Ferreira, R. Goodspeed & J. Stillwell, [LINK](#).

Oxford University Press **N. Sander**, G. Abel & F. Riosmena, *The Future of International Migration*, In: *World Population and Human Capital in the 21st Century*, pp. 333-397, 2014, eds. W. Lutz, W. Butz & S. K.C., [LINK](#).

CAB International R. Buckley, **N. Sander**, C. Ollenburg & J. Warnken, *Green Change: Inland Amenity Migration in Australia*, In: *The Amenity Migrants: Seeking And Sustaining Mountains And Their Cultures*, pp. 278-294, 2006, ed. L. Moss, [LINK](#).

Book Reviews

European Journal of Population **N. Sander**, *Font and Mendez (eds.): Surveying Ethnic Minorities and Immigrant Population*, vol. 31(1): 107-108, [LINK](#).

Other Publications

Regional Studies, Regional Science E. Charles-Edwards, T. Wilson & **N. Sander**, *Regional Graphic: Visualising Australian internal and international migration flows*, in review).

New World **N. Sander** & R. Bauer, *Visualizing The Global Migration System*, in press, 2015, United Nations Association of Great Britain and Northern Ireland (UNA-UK), [LINK](#).

- Demografische Forschung Aus Erster Hand **N. Sander**, *Die Welt auf Wanderschaft*, in press, 2015, Max-Planck-Institut für demografische Forschung, [LINK](#).
- Journal of International Affairs **N. Sander**, G. Abel & R. Bauer, *Visualizing Global Migration*, vol. 68(2): 272-273, 2015, Columbia University, [LINK](#).
- Geography Review **N. Sander**, *The Geography of Contemporary World Migration*, vol. 28(2): 20-21, 2014, Hodder Education, [LINK](#).
- Bevölkerungsforschung Aktuell **N. Sander**, *Deutschland in Bewegung? – Neue Daten und Erkenntnisse zur globalen Migration und zur deutschen Binnenwanderung*, vol. 35(3): 8-12, 2014, [PDF](#).
- Scientific American M. Fischetti, Graphic by **N. Sander**, *The Not So Wretched Masses*, vol. 310: 86, 2014), [LINK](#).
- VID Working paper **N. Sander**, G. Abel, R. Bauer & J. Schmidt, *Visualising Migration Flow Data with Circular Plots*, 2/2014, [PDF](#).
- VID Working paper **N. Sander**, G. Abel & F. Riosmena, *The Future of International Migration: Developing Expert-Based Assumptions for Global Population Projections*, 2013, [PDF](#).
- Ph.D. Thesis **N. Sander**, *Retirement Migration of the Baby Boomers in Australia: Beach, Bush or Busted?*, 2011, [FIGSHARE](#).
- PLUREL Report **N. Sander**, V. Skirbekk, S. K.C. & E. Lundevaller, *Prospects for later-life migration in urban Europe*, Peri-Urban Land Use Relationships – Strategies and Sustainability Assessment Tools for Urban-Rural Linkages.

Dissemination activities

- Mar 2014 **The Global Flow of People**, *An interactive data visualisation of global migration flows, 1990-2010*, visits since March 2014: 650,000, WWW.GLOBAL-MIGRATION.INFO.
- June 2014 **Internal Migration in Germany**, *An interactive data visualisation of inter-regional migration flows in Germany, 1995-2010*, visits since June 2014: 29,000, WWW.GERMAN-MIGRATION.INFO.
- Mar 2014 **Global Migration Data Sheet 2005-10**, *A two-sided poster for science dissemination and education. Total circulation: 5,000 copies*, [PDF](#).

Media coverage

- New Scientist **J. White**, *Rising tide of migration is a myth, say global stats*, [LINK](#).
- Scientific American **G. Giller**, *Global Migrant Flows: An Interactive Map*, [LINK](#).
- Quartz/The Atlantic **N. Stockton**, *Where everyone in the world is migrating — in one gorgeous chart*, [LINK](#).
- The Washington Post **A. Swanson**, *How statisticians uncovered the world's missing migrants*, [LINK](#).
- FastCoExist **J. Leber**, *Visualizing Which Countries People Are Trying To Get Away From, And Where They're Going*, [LINK](#).
- Slate **J. Keating**, *World on the Move*, [LINK](#).
- National Public Radio **K. Manke**, *How Cultures Move Across Continents*, [LINK](#).
- Telegraph **E. Roberts**, *Innovative graphic shows human flow across world's borders*, [LINK](#).
- Wired **G. De Martino**, *Addio Italia: la mecca della cultura contemporanea è la California*, [LINK](#).

- Rue89 **C. Beal**, *Voici la visualisation qui cassera vos idées reçues sur l'immigration*, [LINK](#).
- Der Spiegel **N.N.**, *Die Welt ist konstant in Bewegung*, [LINK](#).
- FAZ **Lisa Nienhaus**, *Land, Stadt, Glück*, [LINK](#).
- Die Welt **D. Siems**, *Junge Menschen ziehen massenhaft in die Metropolen*, [LINK](#).
- ORF **N.N.**, *Globale Migration seit 1990 stabil*, [LINK](#).
- Der Standard **N.N.**, *Neue Studie: Globale Migration seit 1990 nahezu unverändert*, [LINK](#).

Invited talks

- World Demographic and Ageing Forum **N. Sander**, *Quantifizierung und Visualisierung Globaler Migrationsströme*, St. Gallen, Switzerland, May 2015, [LINK](#).
- KAPSARC Workshop **N. Sander**, *Participant and presenter in the Workshop on Demography and Energy, organised by the King Abdullah Petroleum Studies and Research Centre (KAPSARC)*, Washington D.C., USA, October 2014.
- Helmholtz Association **N. Sander**, *Wie viele Menschen trägt die Erde?*, Magdeburg, Germany, September 2014, [SLIDES](#).
- UNAOC Global Forum **N. Sander**, *Perception of Migration: How to Change the Narratives about Migrants*, Bali, Indonesia, August 2014, [LINK](#).
- KNOMAD UNPD/ World Bank Seminar G. Abel & **N. Sander**, *Seminar on the role of Migration in Population Modeling*, New York, USA, April 2014, [LINK](#).
- Hungarian National Statistical Office **N. Sander** & G. Abel, *Quantifying and visualising global international migration flows in 1990-2010*, Budapest, Hungary, January 2014.
- AlpWeek **N. Sander**, *The socio-demographic characteristics of the New Highlanders and the impact of their migration behaviour on population structures in destination regions*, Poschiavo, Switzerland, September 2013.
- National Center for Atmospheric Research **N. Sander**, *Participant in the Workshop on Migration, Urbanization and Climate Change*, Boulder, USA, May 2013.
- European Commission **N. Sander**, *Participant in the Workshop on Scientific Analysis of Migration and Global Environmental Change*, Brussels, Belgium, December 2011.

Conference Presentations

- PAA Annual Meeting **N. Sander** & R. Bauer, *How Data Visualisation Enhances the Impact and Visibility of Science*, San Diego, USA, April 2015, [SLIDES](#).
- Australian Population Association Elin Charles-Edwards, Tom Wilson & **N. Sander**, *Visualising Australian internal and international migration flows*, Hobart, Australia, December 2014, [POSTER](#).
- Australian Population Association Martin Bell, Elin Charles-Edwards, Philipp Ueffing, Aude Bernard, Francisco Rowe, Tom Wilson, Jim Cooper & **N. Sander**, *Inter-regional migration in Australia: Thirty years of change*, Hobart, Australia, December 2014.
- International Geographical Union **N. Sander** & G. Abel, *Quantifying and visualising migration flows around the globe*, Cracow, Poland, August 2014, [SLIDES](#).
- The Graphical Web **N. Sander** & R. Bauer, *Data visualisation at the nexus of science and the public*, Winchester, UK, August 2014, [SLIDES](#), [VIDEO](#).
- Migration & Development Conference **N. Sander**, G. Abel, R. Bauer & J. Schmidt, *Visualizing Migration Flow Data*, Oxford, UK, July 2014, [SLIDES](#).

- European Population Conference **N. Sander**, P. Rees & G. Abel, *The patterns and trends in global international migration flows since 1990: a revisit with new data and methods*, Budapest, Hungary, June 2014, **SLIDES**.
- European Population Conference **N. Sander**, R. Bauer & G. Abel, *Visualizing global international migration flows*, Budapest, Hungary, June 2014, **POSTER**.
- European Population Conference G. Abel, S. KC & **N. Sander**, *Examining the role of international migration in global population projections [poster]*, Budapest, Hungary, June 2014.
- PAA Annual Meeting G. Abel, S. KC & **N. Sander**, *Examining the Role of International Migration in Global Population Projections*, Boston, USA, May 2014.
- Eurostat/UNECE Work Session on Demographic Projections **N. Sander**, G. Abel & Samir K.C., *The impact of alternative assumptions about migration differentials by education on projections of human capital*, Rome, Italy, October 2013.
- Deutscher Geographentag **N. Sander**, *Internationale Migration von und nach Deutschland: Die neue "Einwanderungswelle" aus Südeuropa in Globaler Perspektive*, Passau, Germany, October 2013, **SLIDES**.
- D-A-CH Tagung **N. Sander** & Ramon Bauer, *Binnenwanderungsmuster in Deutschland seit 1995: Allgemeine Trends und Geschlechterdifferenzen*, Salzburg, Austria, September 2013, **SLIDES**.
- IUSSP Population Conference **N. Sander**, *Internal Migration in Germany between reunification and financial crisis: Changes in spatial patterns and sex ratios*, Busan, Korea, August 2013.
- IUSSP Population Conference **N. Sander**, G. Abel & Samir K.C., *Innovations in International Migration for use in Global Population Projections*, Busan, Korea, August 2013, **SLIDES**.
- Population Geography Conference **N. Sander**, *Transitions in Gender Ratios among Internal Migrants in Germany, 2000-2010*, Groningen, The Netherlands, June 2013.
- Population Geography Conference **N. Sander**, G. Abel & Samir K.C., *Innovations in International Migration for use in Global Population Projections*, Groningen, The Netherlands, June 2013.
- PAA Annual Meeting **N. Sander**, *"Go West, Young Man"!? Internal Migration in Germany between Reunification and Economic Crisis [poster]*, New Orleans, USA, April 2013.
- PAA Annual Meeting **N. Sander**, G. Abel & Samir K.C., *Innovations in International Migration for Use in Global Population Projections*, New Orleans, USA, April 2013.
- International Geographical Union **N. Sander**, *Go West, Young Man!? The spatial structure of inter-regional migration in Germany*, Cologne, Germany, August 2012.
- International Geographical Union **N. Sander & M. Bell**, *Retirement Migration of the Baby Boomers in Australia: Beach, Bush or Busted?*, Cologne, Germany, August 2012.
- European Population Conference **N. Sander**, *Dynamics in the spatial structure of international migration flows between 195 countries, 1960-2010 [poster]*, Stockholm, Sweden, June 2012.
- PAA Annual Meeting **N. Sander** & J. Vobecka, *A Cross-National Comparison of the Spatial Structure of Internal Migration by Level of Educational Attainment*, San Francisco, USA, April 2012.
- Population Geography Conference **N. Sander** & M. Bell, *Retirement Migration of the Baby Boomers in Australia: Beach, Bush or Busted?*, Umea, Sweden, June 2011, **SLIDES**.
- Intern. Conference on Managing the Urban-Rural Interface **N. Sander** & V. Skirbekk, *Prospects for later-life migration in urban Europe*, Copenhagen, Denmark, October 2010, **SLIDES**.
- IUSSP Population Conference **N. Sander** & Martin Bell, *Retirement migration among the baby boomers: cohort dynamics and spatial structure in Australia*, Marrakesh, Morocco, September 2009.

Population Geography Conference **N. Sander** & Martin Bell, *Migration and Retirement in the Life Course: An event history approach*, Dartmouth, USA, August 2009.

Computer skills

Essentials	html & css, Adobe Illustrator, Inkscape, R, Git
More advanced	markdown, ArcGIS, QGIS, Stata, \LaTeX
On the to-do list	python, d3.js, WebGL

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