

Nikola Sander

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Population geographer/demographer with interests in internal & international migration, spatial demography, population projections and science communication

Education

- 2006 - 2011 **Ph.D. in Geography**, *University of Queensland, Australia*,
Title: "Retirement Migration of the Baby Boomers in Australia: Beach, Bush or Busted?", Advisor: Professor Martin Bell.
- 2005 **Diplom (Master's) thesis**, *University of Tübingen, Germany*, Title: "Inland Amenity Migration in Eastern Australia? A Case Study Approach".
- 2004 **Research stay**, *Griffith University, Gold Coast, Australia*.
- 2003 **Study abroad**, *Flinders University, Adelaide, Australia*.
- 2001-2005 **Graduate studies in Geography**, *University of Tübingen, Germany*.
- 1999-2001 **Undergraduate studies in Geography**, *University of Regensburg, Germany*.
- 1998 **Abitur (baccalaureate)**, *Konrad-Heresbach Gymnasium Mettmann, Germany*.

International postgraduate training

- Jun 2007 - Aug 2007 **Young Scientists Summer Program**, *World Population Program, International Institute for Applied Systems Analysis, Austria*.
- Oct 2007 - Mar 2008 **International Max Planck Research School for Demography**, *Max Planck Institute for Demographic Research, Germany*.

Employment history

- since Nov 2010 **Research scholar**, *Vienna Institute of Demography (Austrian Academy of Sciences), Wittgenstein Centre for Demography and Global Human Capital, Austria. Thematic Focal Person: "Migration"*.
- 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 2008 – Nov 2008 **Guest lecturer**, *School of Geography, Planning and Environmental Management, The University of Queensland, Australia*, Course: Applied Demography.
- Aug 2006 – Nov 2007 **Teaching assistant**, *School of Geography, Planning and Environmental Management, The University of Queensland, Australia*, Courses: Applied Demography, Global Population Issues.

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".
- 2006 - 2010 **Australian Research Council Discovery Grant**,
PI: Prof. Martin Bell,
Title: "Understanding the Structure of Internal Migration in Australia".
- 2006 – 2010 **Ph.D. scholarship**,
Title "University of Queensland International Research Award".
- 2006 – 2010 **Ph.D. scholarship**,
Title: "University of Queensland International Living Allowance Scholarship".

Professional services

- since 2013 **International Geographical Union, Commission on Population Geography**,
Steering Committee Member and Secretary.

Peer-review

- Journals *International Migration Review*,
Population, Space & Place,
European Journal of Population,
Demographic Research,
Journal of Population Research.
- Granting Bodies *Polish National Science Centre*.

Peer-reviewed publications

- 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](#).
- in review **N. Sander** & M. Bell, *Age, Period and Cohort Effects on Migration of the Baby Boomers in Australia*, *Population, Space & Place*.
- in review **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

- 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](#).

Non peer-reviewed publications

- 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*, Integrated Project, EU Contract No. 036921, 2010.

Dissemination activities

- Mar 2014 **The Global Flow of People**, *An interactive data visualisation of global migration flows, 1990-2010*, visits since March 2014: 423,000, 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*, [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](#).
- 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](#).
- 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 panels, lectures and seminars

- 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.

Refereed conference presentations

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| International Geographical Union | N. Sander & G. Abel, <i>Quantifying and visualising migration flows around the globe</i> , Cracow, Poland, August 2014, SLIDES . |
| The Graphical Web | N. Sander & R. Bauer, <i>Data visualisation at the nexus of science and the public</i> , Winchester, UK, August 2014, SLIDES , VIDEO . |
| Migration & Development Conference | N. Sander , G. Abel, R. Bauer & J. Schmidt, <i>Visualizing Migration Flow Data</i> , Oxford, UK, July 2014, SLIDES . |
| European Population Conference | N. Sander , P. Rees & G. Abel, <i>The patterns and trends in global international migration flows since 1990: a revisit with new data and methods</i> , Budapest, Hungary, June 2014, SLIDES . |
| Eurostat/UNECE Work Session on Demographic Projections | N. Sander , G. Abel & Samir K.C., <i>The impact of alternative assumptions about migration differentials by education on projections of human capital</i> , Rome, Italy, October 2013. |
| IUSSP Population Conference | N. Sander , <i>Internal Migration in Germany between reunification and financial crisis: Changes in spatial patterns and sex ratios</i> , Busan, Korea, August 2013. |
| IUSSP Population Conference | N. Sander , G. Abel & Samir K.C., <i>Innovations in International Migration for use in Global Population Projections</i> , Busan, Korea, August 2013. |
| Population Geography Conference | N. Sander , <i>Transitions in Gender Ratios among Internal Migrants in Germany, 2000-2010</i> , Groningen, The Netherlands, June 2013. |
| PAA Annual Meeting | N. Sander , G. Abel & Samir K.C., <i>Innovations in International Migration for Use in Global Population Projections</i> , New Orleans, USA, April 2013. |
| European Population Conference | N. Sander , <i>Dynamics in the spatial structure of international migration flows between 195 countries, 1960-2010</i> , Stockholm, Sweden, June 2012. |
| IUSSP Population Conference | N. Sander & Martin Bell, <i>Retirement migration among the baby boomers: cohort dynamics and spatial structure in Australia</i> , Marrakesh, Morocco, September 2009. |
| Population Geography Conference | N. Sander & Martin Bell, <i>Migration and Retirement in the Life Course: An event history approach</i> , Dartmouth, USA, August 2009. |

Computer skills

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