

Nikola Sander

CURRICULUM VITAE

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Population geographer/demographer with interests in internal/international migration, population projections, regional/local population change, and science visualisation/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*.

Employment history

- since Nov 2010 **Research scholar**, *Vienna Institute of Demography (Austrian Academy of Sciences), Wittgenstein Centre for Demography and Global Human Capital, Austria*.
- 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.
- Granting Bodies Polish National Science Centre.

Peer-reviewed publications

Quantifying Global International Migration Flows (with Guy J. Abel). *Science*, 343 (6178): 1520-1522, Mar 2014.

Internal migration in Germany, 1995-2010: new insights into East-West migration and re-urbanization. *Comparative Population Studies*, 39(2):217-246, May 2014.

Migration and Retirement in the Life Course: An event history approach (with Martin Bell). *Journal of Population Research*, 31(1):1-27, Mar 2014.

Mapping The Global Flow of People: A Practical Guide to Visualising Migration with Circular Plots (with Ramon Bauer, Guy J. Abel and Johannes Schmidt). In review at *Demographic Research*.

Age, Period and Cohort Effects on Migration of the Baby Boomers in Australia (with Martin Bell). In review at *Population, Space & Place*.

Die Zuwanderung aus Südeuropa nach Deutschland im globalen Kontext. In review at *Berichte zur deutschen Landeskunde*.

Book chapters

The Future of International Migration (with Guy J. Abel and Fernando Riosmena). In: *World Population and Human Capital in the 21st Century* (pp. 333-397) (eds Lutz, W., Butz, W. and K.C., S.), Oxford, United Kingdom: Oxford University Press.

Buckley, R.C., Sander, N., Ollenburg, C. and Warnken, J. (2009): Green Change: Inland Amenity Migration in Australia. In: Moss, L.A.G. (ed.): *The Amenity Migrants: Seeking And Sustaining Mountains And Their Cultures*. CABI, Oxford.

Non peer-reviewed publications

- in press **N. Sander**, *The Geography of Contemporary World Migration*, Centrespread for Geography Review, Hodder Education.
- Jun 2014 **N. Sander**, *Deutschland in Bewegung? – Neue Daten und Erkenntnisse zur globalen Migration und zur deutschen Binnenwanderung*, Bevölkerungsforschung Aktuell, 35(3):8-12, [PDF](#).
- May 2014 M. Fischetti, Graphic by **N. Sander**, *Graphic Science: The Not So Wretched Masses*, Scientific American, 310:86, [LINK](#).
- Apr 2014 **N. Sander**, G. Abel, R. Bauer & J. Schmidt, *Visualising Migration Flow Data with Circular Plots*, VID Working paper, [PDF](#).
- Oct 2013 **N. Sander**, G. Abel & F. Riosmena, *The Future of International Migration: Developing Expert-Based Assumptions for Global Population Projections*, VID Working paper, [PDF](#).
- Feb 2011 **N. Sander**, *Retirement Migration of the Baby Boomers in Australia: Beach, Bush or Busted?*, Unpublished Ph.D. Thesis, [FIGSHARE](#).
- Nov 2010 **N. Sander**, V. Skirbekk, S. K.C. & E. Lundevaller, *Prospects for later-life migration in urban Europe*, PLUREL Report (Peri-Urban Land Use Relationships – Strategies and Sustainability Assessment Tools for Urban-Rural Linkages, Integrated Project, EU Contract No. 036921).

Dissemination activities

- June 2014 **Internal Migration in Germany**, *An interactive data visualisation of inter-regional migration flows in Germany, 1995-2010*, developed in collaboration with Null2, Berlin, WWW.GERMAN-MIGRATION.INFO.
visits 03/2014 - 09/2014:100,000

- Mar 2014 **The Global Flow of People**, *An interactive data visualisation of global migration flows, 1990-2010*, developed in collaboration with Null2, Berlin, WWW.GLOBAL-MIGRATION.INFO.
visits 03/2014 - 09/2014: 400,000
- Mar 2014 **Global Migration Data Sheet 2005-10**, *A two-sided poster showing migration flows between 50 countries in 2005-10*, [PDF](#).

Media coverage

New Scientist, Quartz, The Atlantic, Slate, National Public Radio, Telegraph, Wired, Rue89, Il Post, Scinexx, ORF, Der Standard, Die Presse, Spiegel Online, Die Welt, Süddeutsche Zeitung

Invited panels, lectures and seminars

- Helmholtz Association **N. Sander**, *Wie viele Menschen trägt die Erde?*, Magdeburg, Germany, September 2014, [HTML SLIDES](#).
- UNAO Global Forum **N. Sander**, *Perception of Migration: How to Change the Narratives about Migrants*, Bali, Indonesia, August 2014.
- KNOMAD UNPD/ World Bank Seminar G. Abel & N. Sander, *Seminar on the role of Migration in Population Modeling*, New York, USA, April 2014.
- 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

- International Geographical Union **N. Sander** & G. Abel, *Quantifying and visualising migration flows around the globe*, Cracow, Poland, August 2014, [HTML SLIDES](#).
- The Graphical Web **N. Sander** & R. Bauer, *Data visualisation at the nexus of science and the public*, Winchester, UK, August 2014, [HTML SLIDES](#), [VIDEO](#).
- Migration & Development Conference **N. Sander**, G. Abel, R. Bauer & J. Schmidt, *Visualizing Migration Flow Data*, Oxford, UK, July 2014, [HTML 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, [HTML SLIDES](#).
- 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.
- 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.
- Population Geography Conference **N. Sander**, *Transitions in Gender Ratios among Internal Migrants in Germany, 2000-2010*, Groningen, The Netherlands, June 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.
- European Population Conference **N. Sander**, *Dynamics in the spatial structure of international migration flows between 195 countries, 1960-2010*, Stockholm, Sweden, June 2012.
- 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

- Basic HTML & CSS, Adobe Illustrator, R, Git
- Intermediate MARKDOWN, ArcGIS, QGIS
- Advanced \LaTeX , Stata, Microsoft Windows