

# 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*

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### 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*.

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### 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*.

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### 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.

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## 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.

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## 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".

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## Professional services

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

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## Peer-review

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

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## 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*.

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## 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.

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## 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).

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## 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](http://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](http://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](#).

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## 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

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## 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.

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## 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.

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## Computer skills

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