

**Curriculum Vitae**  
**Dr. Benjamin D. Hennig**  
*Senior Research Fellow*

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### Employment History

since 09/2013 Senior Research Fellow in Geovisualisation School of Geography and the Environment, University of Oxford  
07-10/2015 Visiting Researcher at the Research Institute for Regional and Urban Development (Institut für Landes- und Stadtentwicklungsforschung, Dortmund, Germany)  
10/2014 Visiting Lecturer at the Department of Asian Studies at Palacký University, Olomouc, Czech Republic  
since 08/2014 Founding director of Worldmapper Ltd.  
2013 Senior Research Fellow in Geovisualisation, Department of Geography, University of Sheffield  
2011-2012 Research Associate, Department of Geography, University of Sheffield  
2008-2011 Postdoctoral Researcher, Department of Geography, University of Sheffield  
2005-2008 Research Associate and Lecturer at the Department of Geography, University of Cologne, Germany  
2005 Research Fellow in the DFG (German Research Foundation)-funded project "Socio-Economic Disparities in South-East Asia" at the Department of Geography, Cologne  
2001-2004 Research assistant, Department of Geography, Cologne  
2000-2001 Part time assistant in the public relations section of Gerling Insurance Group, Cologne  
1999 Part time assistant at the university sports centre, University Cologne  
1999 Part time assistant in the management consultancy PTA Cologne

### Education

Sep 2011	Doctor of Philosophy (PhD) in Geography, University of Sheffield, United Kingdom Thesis: 'Rediscovering the world: Gridded cartograms of human and physical space'
2008-2011	PhD research (studentship by the Leverhulme Trust) Department of Geography, University of Sheffield, United Kingdom
Jan 2005	Diplom in Geography ( <i>MSc-equivalent</i> ), Magna Cum Laude ( <i>with distinction</i> ) Master thesis: 'Applications of hyperspectral remote sensing in coastal ecosystems: A case study from the German North Sea' (Research conducted at the Alfred-Wegener-Institute for Polar and Marine Research, Bremerhaven, Germany)
2000-2005	University of Cologne, Germany: Studies of Geography, Sociology, Transport Studies, Soil Science (University of Bonn)
1998-2000	University of Cologne, Germany: Undergraduate Studies of German Language and Literature, Philosophy, Geography
1988-1997	Abitur (A levels) at Freiherr-vom-Stein Gymnasium (Grammar School), Kleve, Germany; A level exam subjects: Biology, English, Geography, Maths
1984-1988	Christopherus Grundschule (Primary School), Kranenburg, Germany

## Teaching Experience

### University of Cologne (Germany) 2005-2008

*Teaching in all academic years 2005-2008 (including course design, lecturing/leading seminars, marking) as part of the Bachelor and Master-level Geography degrees at the Department of Geography and the International Master of Environmental Sciences course in the following modules:*

Module Urban and Economic Geography I

*(Vorlesung Urbanisierung und Wirtschaft / Lecture series)*

Module Urban and Economic Geography II

*(Proseminar Urbanisierung und Wirtschaft / Undergraduate seminar series)*

Module Cultural and Regional Geography I

*(Vorlesung Gesellschaft und Kultur / Lecture series)*

Module Cultural and Regional Geography II

*(Proseminar Gesellschaft und Kultur / Undergraduate seminar series)*

Module Introduction to Geography

*(Vorlesung / Lecture series)*

Module Introduction to Human Geography

*(Vorlesung / Lecture series)*

Field trips on urban & rural geography, geomorphology, geology, soil science and marine ecosystems

#### *Additional teaching Academic year 2005/06*

Module Quality of Life: Water and Health Problems in (Mega)Cities

*(Oberseminar / Graduate seminar series)*

Module Megacities: Research on the Sustainable Development of Tomorrow

*(Vorlesung / Lecture series)*

Module Urban economies

*(Oberseminar Urbane Ökonomien / Graduate seminar series)*

Module Socioeconomic Development in China

*(Mittelseminar Sozioökonomische Entwicklungsprobleme in China / Graduate seminar series)*

#### *Additional teaching Academic year 2006/07*

Module Map interpretation

*(Mittelseminar Karteninterpretation / Graduate seminar series)*

Module Emerging Asian Megacities: Global Urban Futures

*(Vorlesung / Lecture series)*

#### *Additional teaching Academic year 2007/08*

Module Regional geography of South-East Asia

*(Vorlesung Entwicklungsprozesse in Südostasien / Lecture series)*

Module International Megacity Research

*(Oberseminar Themen internationaler Megastadtforschung / Graduate seminar series)*

#### *Further teaching experience:*

Supervision of undergraduate and graduate dissertations (Bachelor and Master-level)

Academic tutor

Undergraduate exam marking

Graduate-level oral exams

GIS lab teaching support

Setup and implementation of the ILIAS eLearning platform in teaching

### University of Sheffield (UK) 2008-2013

Module GEO6016: Data, Visualisation and GIS (MSc Social and Spatial Inequalities)

### University of Oxford (UK) since 2013

#### *Regular teaching:*

Lecture series on Sustainability, Oxford Study Programme Winter and Summer Schools (Merton College / St. Cross College, University of Oxford)

Lectures on Sustainability and Inequality for the MSc in Sustainable Urban Development (University of Oxford)

### *Individual teaching contributions:*

#### **2016**

Lecture Maps Matter, King's Ely School, Cambridgeshire.  
Lecture Cartographies of the Anthropocene for the MSc Cartography at TU Wien, Vienna (Austria).  
Lecture and GIS workshop on Geopolitics and Borders to newly qualified teachers at the Princes' Teaching Institute New Teacher Subject Day for Geography (Altrincham Girls' Grammar School)

#### **2015**

Lecture on Inequalities in London for the Geography in the World module at Queen Mary University (London)  
Teaching activities for students at the GCSE Days and Super Science Saturday at the University Museum of Natural History (Oxford)

#### **2014**

Guest lectureship in China Studies at the University of Olomouc (Czech Republic)  
Lecture and activity for students about cartography at the Geographical Association Annual Conference (University of Surrey)

#### **2013**

Lecture on Cartography for the 1877 Geography Society at Mansfield College (University of Oxford),  
Lecture on the Anthropocene at the University of Frankfurt (Germany)  
Lecture on Human Cartography at the University of Erlangen (Germany)

#### Field Trips

Germany (Berlin, Cologne, Heligoland, Sylt, Rhineland)  
Iceland  
South-East Asia (Thailand, Myanmar)  
China

### **Research Projects and Grants**

2016	'Seven new maps of the World': Small research grant to support the Oxfordshire Science Festival
2014-15	'Londonmapper: exploring a World city through Census Data': Joint project with Alan Parkinson (King's Ely School) for the development of imaginative and creative educational resources Innovative Geography Teaching Grant awarded by the Royal Geographical Society (UK)
2011-16	'A Social Atlas of London': Project to increase the understanding of poverty and inequality in London, research grant, awarded by the Trust for London (UK)
2010-11	'A Tale of two States': Project on analysing inequalities in Israel and the Occupied Palestinian Territories, funded by the Barry Amiel & Norman Melburn Trust, London (UK)

### **Memberships**

since 2009	Associate Member of the British Cartographic Society (BCS), Member of the Society of Cartographers (SoC)
2009-2011	Member of the Interdisciplinary Centre for Health and Well-being in Public Policy (CWIPP) at the University of Sheffield
since 2008	Fellow of the Royal Geographical Society (RGS-IGB)
since 2006	Fellow of the Association of German University Geographers (Verband der Geographen an Deutschen Hochschulen, VGDH)
since 2005	Member of the Association of American Geographers (AAG)

### **Academic Service, Administration, Memberships**

since 2015	Award Judge of the British Cartographic Society
since 2014	Appointed as a member of the Global Young Academy, the network for outstanding young scientists who combine the highest level of research excellence with a demonstrated passion for delivering impact
since 2012	Committee member of the Society of Cartographers
since 2011	Member of the ICA (International Cartographic Association) Commission on Neocartography
2005-2008	Committee for the Quality of Teaching (Department of Geography University of Cologne)

2001–2015	Webeditor of the German Society for Geography (DGfG) and the Association of German University Geographers (Verband der Geographen an Deutschen Hochschulen, VGDH)
2001–2008	MegaCity TaskForce of the International Geographical Union (IGU)
2001–2005	Executive board member of the Cologne Geographic Society (Gesellschaft für Erdkunde zu Köln e.V.)
2001–2003	Finance treasurer of the student council of the Faculty of Humanities (University of Cologne)
1999–2002	Elected member and finance treasurer of the student association at the Department of Geography (University of Cologne)
1999–2002	Member of the European Geographers Association of Students (EGEA)
1999–2002	Elected member of the student faculty council of the Faculty of Natural Sciences (University of Cologne)

### **Peer Review Activities**

Journals:	Environment and Planning A, Transactions of the Institute of British Geographers, Journal of Maps, ISPRS International Journal of Geo-Information, The Cartographic Journal, Cambridge Journal of Regions, Economy and Society, IEEE Visualization and Computer Graphics, Transactions in GIS, Transactions on Visualization and Computer Graphics, Cartography and Geographic Information Science, Theory, Culture & Society, Sustainability, Online Journal of Social Sciences Research, International Journal of Environmental Research and Public Health
Institutions:	British Academy, Royal Geographical Society
Conferences:	Free and Open Source for Geospatial Conference

### **Awards and Honours**

2013	Awarded an A.T. Kearney Scholarship for the Falling Walls Conference (9 <sup>th</sup> Nov, Berlin, Germany) and Finalist at the Falling Walls Lab with the contribution <i>Breaking the Walls of World Views</i>
2013	Awarded the Springer Thesis Prize for scientific excellence and impact on research
2012	Honoured with the German Study Award (Deutscher Studienpreis) by the Körber Foundation (Körber Stiftung) recognising the best young researchers undertaking significant academic work with a special relevance and benefit to society (awarded €30,000 as the first prize in Social Sciences)
02/2011	Honoured by the Institute of Public Policy Research (IPPR North) as one of the 'Northern Lights 2011', a list of the 50 brightest and most talented people from the worlds of business, science and technology, academia, public service, politics, culture, the arts and social and community action from across the North of England
04/2010	Honoured with the University of Sheffield Media Star Award recognising academics who have successfully engaged with the press and media, presented at the Media/Impact conference in Sheffield

### **Publications (\* Book chapter, \*\* refereed paper / academic journal, \*\*\* book)**

- \*\*\* Ballas, D., Hennig, B.D. and Dorling, D. (2017) The human atlas of Europe. Bristol (Policy Press), forthcoming.
- Hennig, B.D. (2016) Energy levels. *Geographical*, 7. pp. 10–11.
- \* Hennig, B.D. (2016) Mapping practices in a digital world. In, Onsrud, H. and Kuhn, W. (eds.) *Advancing geographic information science. The past and next twenty years*. Needham / MA (GSDI Association Press). pp. 153–168.
- Hennig, B.D. (2016) Meat eaters. *Geographical*, 3. pp. 10–11.
- Hennig, B.D. (2016) Nuclear power. *Geographical*, 5. pp. 10–11.
- Hennig, B.D. (2016) Out of Africa. *Geographical*, 4. pp. 10–11.
- Hennig, B.D. (2016) The home front. *Geographical*, 8. pp. 10–11.
- Hennig, B.D. (2016) The wild spaces. *Geographical*, 1. pp. 12–13.
- \* Hennig, B.D. (2016) Visualising spaces of global inaccessibility. In, S. Carver and Fritz, S. (ed.) *Mapping wilderness: concepts, techniques and applications of GIS*. Heidelberg / New York / Dordrecht / London (Springer). pp. 103–116.
- Hennig, B.D. (2016) Wet lands. *Geographical*, 2. pp. 12–13.

- Hennig, B.D. (2016) Wine world. *Geographical*, 6. pp. 10-11.
- \*\* Hennig, B.D. and Dorling, D. (2016) In Focus: Where Art meets Science. *Political Insight*, 7 (1), 20-21.
- \*\* Hennig, B.D. and Dorling, D. (2016) To rule the land: mapping the 2015 general election, *Bulletin of the Society of Cartographers*, 49, 31-40.
- \*\* Dorling, D. and Hennig, B.D. (2016) London and the English desert – the geography of cultural capital in the UK. *Cultural Trends*. DOI:10.1080/09548963.2015.113409.
- \*\* Paul, J. and Hennig, B. (2016) Atlas of organics: Four maps of the world of organic agriculture. *Journal of Organics*, 3 (1), 25-32.
- \* Winter, S., Lopez, X., Harvey, F., Hennig, B.D., Jeong, M., Trainor, T. and Timpf, S. (2016) Technological and Societal Influences on GIScience. In, Onsrud, H. and Kuhn, W. (eds.) *Advancing geographic information science. The past and next twenty years*. Needham / MA (GSDI Association Press). pp. 35-44.
- Hennig, B.D. (2015) Dimensions of poverty. *Geographical*, 11. pp. 12-13.
- Hennig, B.D. (2015) Earth at night. *Geographical*, 8. pp. 10-11.
- Hennig, B.D. (2015) Ebola deaths. *Geographical*, 3. pp. 10-11.
- Hennig, B.D. (2015) Ecological footprints. *Geographical*, 10. pp. 10-11.
- \* Hennig, B.D. (2015) Globalisierung und Anthropozän in neuen Kartenwelten. In, *Mitteilungen der Fränkischen Geographischen Gesellschaft Band 60* (Erlangen). pp. 7-16.
- \* Hennig, B.D. (2015) Geographic visualization in social sciences – or: draw more maps! In, Hammett, D., Twyman, C. and Graham, M. (eds.) *Research and fieldwork in development*. Abingdon / New York (Routledge). pp. 274-275.
- Hennig, B.D. (2015) Gender inequality. *Geographical*, 4. pp. 12-13.
- Hennig, B.D. (2015) Global tree cover. *Geographical*, 1. pp. 10-11.
- Hennig, B.D. (2015) Human worlds. *Geographical*, 5. pp. 12-13.
- Hennig, B.D. (2015) Ocean chlorophyll concentration. *Geographical*, 2. pp. 10-11.
- Hennig, B.D. (2015) People and the sea. *Geographical*, 9. pp. 12-13.
- Hennig, B.D. (2015) Review of Mark Monmonier (ed.) *The History of Cartography, v.6: Cartography in the Twentieth Century*. *The Globe*, 78. pp. 52-53.
- Hennig, B.D. (2015) Storm spaces. *Geographical*, 7. pp. 14-15.
- Hennig, B.D. (2015) Species at risk. *Geographical*, 12. pp. 10-11.
- Hennig, B.D. (2015) World religions. *Geographical*, 6. pp. 12-13.
- \*\* Hennig, B.D., Ballas, D. and Dorling, D. (2015) In focus: Europe's uneven development. *Political Insight*, 6 (3). pp. 20-21.
- \*\* Hennig, B. D. and Calzada, I. (2015) In focus: Regions between recentralisation and independence. *Political Insight*, 6 (1). pp. 20-21.
- \*\* Hennig, B. D. and Dorling, D. (2015) In focus: May 2015 – A climate change in UK politics. *Political Insight*, 6 (2). pp. 20-21.
- \*\* Dorling, D. and Hennig, B. D. (2015) The UK 2015 general election. *Teaching Geography*, 3. pp. 100-103.
- \*\* Dorling, D. and Hennig, B. D. (2015) Visualizing urban and regional worlds: power, politics, and practices. *Environment and Planning A*, 47 (6). pp. 1346-1350.
- Hennig, B.D. (2014) Die ganze Welt in einer Stadt. *arcAKTUELL*, 3. pp. 18-19.
- \*\* Hennig, B.D. (2014) Londonmapper – neuer Sozialatlas für eine europäische Weltstadt. *Geographische Rundschau*, 66 (10). pp. 48-49.
- \*\* Hennig, B.D. (2014) Gridded cartograms as a method for visualising earthquake risk at the global scale. *Journal of Maps*, 10 (2). pp. 186-194.
- \*\* Hennig, B.D., Ballas, D. and Dorling, D. (2014) In focus: European parliament elections 2014. *Political Insight*, 5 (2). pp. 20-21.
- \*\* Hennig, B.D. and Dorling, D. (2014) Mapping Inequalities in London. *Bulletin of the Society of Cartographers*, 47 (1&2). pp. 21-28.
- Hennig, B.D. and Dorling, D. (2014) In focus: The London bubble. *Political Insight*, 5 (1). pp. 20-21.
- Hennig, B.D. and Dorling, D. (2014) In focus: The Shape of the nation's wealthiest. *Political Insight*, 5 (3), 20-21.
- \*\*\* Ballas, D. Hennig, B.D., and Dorling, D. (2014) *The social atlas of Europe*. Bristol (Policy Press).
- Hennig, B.D. (2013) Ansichtssache: Neue Bilder des menschlichen Raums. *arcAKTUELL*, 3. pp. 12-13.
- Hennig, B.D. (2013) Review of Ed. Michael P. Peterson, *Online maps with APIs and webservice*. *Cartographica*, 48 (2). pp. 147-148.

- Hennig, B.D. (2013) Review of Ed. Stan Geertman, Wolfgang Reinhardt, and Fred Toppen, Advancing geoinformation science for a changing world. *Cartographica*, 48 (2). pp. 145-146.
- \* Hennig, B.D. (2013) Foodscapes: Agricultural landscapes of the world. In, D. Jensen & M. Roy (eds.) *Food: An Atlas*. The Cartography and GIS Education (CAGE) Lab, Berkley (CA, USA). pp. 14-15.
- Hennig, B.D. (2013) Kriege, Krisen, Konflikte...und Karten: Ein neuer Blick auf die Welt. *Wissenschaft und Frieden*, 1. pp. 35-38.
- \*\* Hennig, B.D. (2013) Mind the Gap: Armut und sozialräumliche Polarisierung in Großbritannien. *Geographische Rundschau*, 65 (10). pp. 55-57.
- \*\*\* Hennig, B.D. (2013) Rediscovering the world. Map transformations of human and physical space. Heidelberg / New York / Dordrecht / London (Springer).
- \*\* Hennig, B.D. (2013) The human planet. *Environment & Planning A*, 45 (3). pp. 489-491.
- \*\* Hennig, B.D., Ballas, D. and Dorling, D. (2013) Voting for Europe: Eurovision 2013. *Political Insight*, 4 (2). pp. 38.
- \* Hennig, B.D. and Dorling, D. (2013) America's debt to the world. In, D. Dorling (ed.) *Unequal health*. Bristol (Policy Press). pp. 318-322.
- \* Hennig, B.D. and Dorling, D. (2013) Future people and shifting power. In, D. Dorling (ed.) *Unequal health*. Bristol (Policy Press). pp. 445-447.
- \* Hennig, B.D. and Dorling, D. (2013) London's political landscapes. In, D. Dorling (ed.) *Unequal health*. Bristol (Policy Press). pp. 181-184.
- \*\* Hennig, B.D. and Dorling, D. (2013) The World's Billionaires. *Political Insight*, 4 (1). p. 38.
- \*\* Bastawrous, A., Hennig, B. and Livingstone, I. (2013) mHealth Possibilities in a Changing World. Distribution of Global Cell Phone Subscriptions. *Journal of Mobile Technology in Medicine*, 2 (1). pp. 22-25.
- \*\* Fichtner, J. and Hennig, B.D. (2013) The real size and intensity of Offshore Financial Centres. *Political Insight*, 4 (3). p. 38.
- \* Paull, J. and Hennig, B. (2013) The world of organic agriculture. In, H. Willer, J. Lernoud & L. Kilcher (eds.) *The world of organic agriculture: statistics and emerging trends 2013*. Frick, Switzerland & Bonn (Research Institute of Organic Agriculture FiBL & International Federation of Organic Agriculture Movements IFOAM), 129.
- Sterly, H., Hennig, B. and Koussai, D. (2013) "Calling Abidjan" – Improving population estimates with mobile communication Data (IPEMCODA). *Mobile Phone Data for Development-Analysis of mobile phone datasets for the development of Ivory Coast, D4D Challenge Social and Economic Development No 10*. pp. 108-114.
- Hennig, B.D. (2012) Mapping an urbanizing planet. *Atlantis - Platform for Urbanism*, 23 (1). pp. 24-27.
- Hennig, B.D. (2012) Neue Kartenwelten. *Scinexx Dossier*.
- \*\* Hennig, B.D. (2012) Reinventing the map collection: new journeys through (un)known worlds of London and America. *The Geographical Journal*, 178 (1). pp. 93-95.
- \*\* Hennig, B.D. and Dorling, D. (2012) Mapping Britain's super-rich. *Political Insight*, 3 (3). p. 42.
- \*\* Hennig, B.D. and Dorling, D. (2012) Financing the European Union. *Political Insight*, 3 (2). p. 34.
- \*\* Hennig, B.D. and Dorling, D. (2012) London's political landscapes. *Political Insight*, 3 (1). p. 38.
- \* Hennig, B.D. and Dorling, D. (2012) Educational mobility in England and Germany. In, D. Dorling (ed.) *Fair Play*. Bristol (Policy Press). pp. 155-158.
- \* Hennig, B.D. Pritchard, J., Ramsden, M., and Dorling, D. (2012) Remapping the world's population: Visualizing data using cartograms. In, D. Dorling (ed.) *Fair Play*. Bristol (Policy Press). pp. 379-384.
- Ballas, D., Lupton, R., Kavrouidakis, D., Hennig, B., Yiagopoulou, V., Dale, R., and Dorling, D. (2012) Mind the Gap – education inequality across EU regions. Report for the Network of Experts in Social Sciences of Education and Training, European Union.
- \*\* Bastawrous, A. and Hennig, B.D. (2012) The global inverse care law: a distorted map of blindness. *British Journal of Ophthalmology*, 96 (10). pp. 1357-1358.
- Hennig, B.D. (2011) The happy planet index. *Resurgence*, 269. pp. 20-21.
- Hennig, B.D. (2011) Rediscovering the world: Gridded cartograms of human and physical space. PhD thesis, University of Sheffield.
- Hennig, B.D. (2011) UK snow: Mapping another big freeze. *Maplines*, 1. p. 11.
- \*\* Dorling, D. and Hennig, B.D. (2011) America's debt to the world. *Political Insight*, 2 (3). p. 34.
- \*\* Dorling, D. and Hennig, B.D. (2011) Global population shifts. *Political Insight*, 2 (2). p. 34.
- \*\* Pattie, C., Hennig, B.D. and Dorling, D. (2011) US Midterm election. *Political Insight*, 2 (1). p. 34.
- \*\* Paull, J. and Hennig, B. (2011) A world map of organic agriculture. *European Journal of Social Sciences*, 24 (3). pp. 360-369.

- Hennig, B.D. (2010) How to see the world differently / Wie man die Welt auch sehen kann. *Griephan Global Security*, 1. pp. 14-19.
- Hennig, B.D., Pritchard, J., Ramsden, M., and Dorling, D. (2010) Remapping the world's population. Visualizing data using cartograms. *ArcUser*, 1. pp. 66-69.
- Dorling, D. and Hennig, B. D. (2010) Angles, Saxons, inequality, and educational mobility in England and Germany. *Social Europe Journal*.
- \*\* Dorling, D. and Hennig, B.D. (2010) Government debt. *Political Insight*, 1 (3). p. 106.
- \*\* Dorling, D. and Hennig, B. D. (2010) General election 2010. *Political Insight*, 1 (2). p. 72.
- Hennig, B.D., et al. (2009) Re-Mapping the world's population. *Proceedings of the 2009 ESRI International User Conference*. San Diego / CA.
- \* Hennig, B.D., Dorling, D. and Ramsden, M. (2009) Re-Drawing the world: An approach towards a gridded world population cartogram. In, Fairbairn, D. (ed.) *Proceedings of the GIS research UK 17th annual conference*. Durham. pp. 157-161.
- \* Hennig, B., Cogan, C. and Bartsch, I. (2007) Hyperspectral remote sensing and analysis of intertidal zones - A contribution to monitor coastal biodiversity. In, Car, A., Griesebner, G. & J. Strobl (eds.) *Geospatial crossroads @ GI\_Forum*. Salzburg (Wichmann Verlag). pp 62-73.
- Hennig, B. D. (2005) Applications of hyperspectral remote sensing in coastal ecosystems: A case study from the German North Sea. Diploma thesis, AWI Bremerhaven / University of Cologne.

## Talks and Conference Contributions

### 2016

- Seven new maps of the world. Oxfordshire Science Festival 2016, Story Museum, 24<sup>th</sup> Jun, Oxford, UK. (*invited talk*)
- Visions of (Un)Sustainability. Sustainable Earth Conference, University of Plymouth, 24<sup>th</sup> Jun, Plymouth, UK. (*talk*)
- Remapping the World. GIS Day 2016, King's Ely School, 21<sup>st</sup> Jun, Ely/Cambridgeshire, UK. (*invited keynote*)
- Cartograms – an alternative map projection? CartoTalk Seminar Series, Research Group Cartography, Department of Geodesy and Geoinformation, TU Wien, 31<sup>st</sup> May, Vienna, Austria. (*invited talk*)
- Spaces in the sea: New approaches to mapping islands. Paper presentation at the ISISA Islands of the World XIV Conference, 23<sup>rd</sup>-27<sup>th</sup> May, Mytilene, Lesbos, Greece. (*talk*)
- A Social Atlas of Europe. Paper presentation in the session on *Other cartographies, other geographies, other voices*. AAG Annual Meeting, 1<sup>st</sup> Apr, San Francisco (CA), USA. (*talk*)
- The Power of Maps: A cartographic journey along the world's borders. Geopolitics and borders, Princes' Teaching Institute New Teacher Subject Day for Geography, Altrincham Girls' Grammar School, 5<sup>th</sup> Mar, Altrincham, UK. (*invited talk & workshop*)
- Vision of the Anthropocene. Climate Culture: Making the Anthropocene, event by agile-ox & Tandem, in association with The Oxford Research Centre in the Humanities and the School of Geography and the Environment, University of Oxford, 26<sup>th</sup> Feb, Oxford, UK. (*invited talk*)
- Keynote lectures on Visualising Sustainability. Oxford Study Programme at Merton College, University of Oxford, 2<sup>nd</sup> Feb, Oxford, UK. (*invited keynote*)
- Changing the climate, changing the world. Y9 Climate Change Conference, Haberdashers' Aske's Boys' School Geographical Association, 1<sup>st</sup> Feb, Elstree, UK. (*invited lecture*)
- Visualisations of the Anthropocene – investigating humanity's impact on the Earth. Berkhamsted School Geographical Association, 19<sup>th</sup> Jan, Berkhamsted, UK. (*invited lecture*)

### 2015

- Cartographies of a globalising world. University of the Aegean, 9<sup>th</sup> Dec, Mytilini, Greece. (*invited talk*)
- Map cube activity. Super Science Saturday. Museum of Natural History, University of Oxford, Nov 28<sup>th</sup>, Oxford, UK. (*presentation*)
- Cartography of the Anthropocene. The Oxford Seminars in Cartography (TOSCA), Weston Library, 26<sup>th</sup> Nov, Oxford, UK. (*invited talk*)
- Warped worlds. 'Restless Earth' GCSE Geography Day. Museum of Natural History, University of Oxford, 21<sup>st</sup> Oct, Oxford, UK. (*invited talk*)
- Alternative Visualisierungsmethoden soziodemographischer Daten: Urbane Veränderungsprozesse in Deutschland. Deutscher Kongress für Geographie, Humboldt University, 1-6<sup>th</sup> Oct, Berlin, Germany. (*poster*)

- Forschungsqualität in der Humangeographie. Deutscher Kongress für Geographie, Humboldt University, 3<sup>rd</sup> Oct, Berlin, Germany. (*panel discussant*)
- Diskussionsforum: Geographie machen im digitalen Zeitalter. Deutscher Kongress für Geographie, Humboldt University, 2<sup>nd</sup> Oct, Berlin, Germany. (*panel chair*)
- "Calling Abidjan" – estimating population distribution through analysis of mobile phone call data records (joint talk with Harald Sterly). Session on Extended Spatial Analytics, Deutscher Kongress für Geographie, Humboldt University, 1<sup>st</sup> Oct, Berlin, Germany. (*talk*)
- Electoral doctrine: 39 maps of voting. Mapping together, joint annual conference of the British Cartographic Society and Society of Cartographers, 8-10<sup>th</sup> Sep, York, UK. (*poster*)
- Humanity's impact on Earth. Keynote lecture on Sustainable Development. Oxford Study Programme at St Cross College, University of Oxford, 30<sup>th</sup> Jul, Oxford, UK. (*invited keynote*)
- Poverty and Wealth in London. Talk at the Social Exclusion Data Users Group, Greater London Authority, City Hall, 15<sup>th</sup> Jul, London, UK. (*invited talk*)
- Mapping practices in a digital world. International Early Career Scholars Institutes in GIScience – 2015 Vespucci Institute, College of the Atlantic, 2<sup>nd</sup> Jul, Bar Harbor (ME), USA. (*talk*)
- The city of the rich and the city of the poor: space and spatial segregation. Keynote lecture at the New Urban Languages conference, TU Delft, 25<sup>th</sup> Jun, Delft, Netherlands. (*invited keynote*)
- Geographies of the Anthropocene. Keynote lecture at the Geography Summer School, Homerton College, University of Cambridge, 22-24<sup>th</sup> Jun, Cambridge, UK. (*invited keynote*)
- Visualising Inequality and Sustainability. Lecture for the MSc in Sustainable Urban Development, Department for Continuing Education, University of Oxford, 5<sup>th</sup> Jun, Oxford, UK. (*lecture*)
- Visualising Space and Place: New Geographies of the Anthropocene. Image – Object – Data Workshop, Department of History of Art, University of Oxford, 22<sup>nd</sup> May, Oxford, UK. (*invited talk*)
- Ein neues Bild der Erde. ESRI GISTalk, Dolce Munich, 20<sup>th</sup> May, Unterschleissheim, Germany. (*invited talk*)
- Mapping inequality. Joint talk with Danny Dorling at Living Maps Seminar Series, Young Foundation London, 17<sup>th</sup> Mar, London, UK. (*invited talk*)
- Visualising the Physical and Social Environment of Humanity. Centre for Earth and Environmental Science Research (CEESR) seminar series, Kingston University London, 11<sup>th</sup> Feb, Kingston upon Thames, UK. (*invited talk*)
- Mapping London: A new approach to visualising cities. Warwick Institute for The Science of Cities (WISC) seminar series, University of Warwick, 29<sup>th</sup> Jan, Coventry, UK. (*invited talk*)

#### 2014

- Poverty and inequality in London. Philanthropy in Action, Social Venture Partners Meeting, Kingsway Hall Hotel, 11<sup>th</sup> Dec, London, UK. (*invited talk*)
- New geographies of China. Lecture at the Department of Asian Studies at Palacký University, 12<sup>th</sup> Oct, Olomouc, Czech Republic. (*invited talk*)
- Inequality and Sustainability, Meeting of the Sustainability Knowledge Alliance and the Environmental Audit Committee at the British Academy, 15<sup>th</sup> Oct, London, UK. (*invited talk*)
- Society and Social Geography – designing a new social atlas of Europe, joint talk with Danny Dorling at the 50th Annual Conference of the Society of Cartographers, University of Glasgow, 1<sup>st</sup> Sep, Glasgow, UK. (*invited joint talk*)
- The Social Atlas of Europe. Book launch session with Dimitris Ballas and Danny Dorling, RGS Annual Conference, 27<sup>th</sup> Aug, London, UK. (*invited joint talk*)
- One Planet, Many Worlds: Novel visualisations of the spaces we live in, 2014 Schools Programme Day at the Prince's Teaching Institute, Merchant Taylors' Hall, 30<sup>th</sup> Jun, London, UK. (*invited talk*)
- Smashing your views of the world. Joint practical session with Tina Gotthardt at the *Future Geographers programme*, Annual Conference of the Geographical Association, University of Surrey, 16<sup>th</sup> Apr, Guildford, UK. (*invited joint talk*)
- Worldmapper: The world as you've never seen it before. Panelist on the session on *Time to harvest the low hanging webviz fruit? Tools and strategies for promoting experts, education, and leveraging non-specialists using geographic visualizations on the web*. AAG Annual Meeting, 9<sup>th</sup> Apr, Tampa (FL), USA. (*invited talk*)
- Visualization of Satellite Data Availability: TerraSAR-X and TanDEM-X Running Against Time. Joint paper presentation with Simon Hennig in the session on *Real-time GIS: System and Science*. AAG Annual Meeting, 8<sup>th</sup> Apr, Tampa (FL), USA. (*joint talk*)
- Visualisations of a country in transition. Conference on the socio-economic transition of China, Palacký University, 3-6<sup>th</sup> Apr, Olomouc, Czech Republic. (*invited talk*)



- Londonmapper. #geomob, Google Campus, 18<sup>th</sup> Mar, London, UK. (*invited talk*)
- Data driven storytelling: the impact of visualisations on teaching and research. Panelist at the Jisc Digital Festival, 11<sup>th</sup> Mar, Birmingham, UK. (*invited talk*)

### 2013

- Visualising Spatial Social Structures. Seminar series on 'Geographies of injustice', School of International Development, University of East Anglia, 28<sup>th</sup> Nov, Norwich, UK. (*invited talk*)
- A new image of the World. 1887 Society, Mansfield College, University of Oxford, 25<sup>th</sup> Nov, Oxford UK. (*invited talk*)
- Breaking the Walls of World Views. Falling Walls Lab, Berlin Academy of the Konrad-Adenauer-Stiftung, 8<sup>th</sup> Nov, Berlin, Germany. (*invited talk*)
- Kartenwelten des Anthropozän. Research seminar series at the Department of Geography, 24<sup>th</sup> Oct, University of Frankfurt a.M., Germany. (*invited talk*)
- Ein neues Bild der Erde. Public lecture at the Deutschen Gesellschaft für Kartographie / Bundesamt für Kartographie und Geodäsie, 23<sup>rd</sup> Oct, Frankfurt a.M., Germany. (*invited talk*)
- Planet der Menschen. Public lecture series at the Fränkische Geographische Gesellschaft, 21<sup>st</sup> Oct, University of Erlangen, Germany. (*invited talk*)
- Visualising wilderness. 10<sup>th</sup> World Wilderness Congress, 4<sup>th</sup>-10<sup>th</sup> Oct, Salamanca, Spain. (*talk and invited poster contribution*)
- Think before you map. FOSS4G, OSGeo's Global Conference for Open Source Geospatial Software, 17<sup>th</sup> Sep, Nottingham, UK. (*invited keynote*)
- Mapping London. 49<sup>th</sup> Annual Conference of the Society of Cartographers, 4<sup>th</sup> Sep, Staffordshire University, Stoke-on-Trent, UK. (*invited talk*)
- Visualisation of geospatial data. ESRC/HEA workshop on *Visualisation and Teaching Quantitative Research Methods*, 29<sup>th</sup> May, Loughborough University, UK. (*invited talk*)
- Cartograms as representations of geographic space. Towards Multivariate Network Visualization, Dagstuhl Seminar on Information Visualization, 14<sup>th</sup>-16<sup>th</sup> May, University of Saarland, Germany. (*invited talk*)
- Warped worlds: Visualising a changing planet. U3A Science and Technology Group, 13<sup>th</sup> May, Sheffield, UK. (*invited talk*)
- One Planet, Many Worlds: Visualising the Social and Physical Environment of Humanity. *Looking to the future*, Geographical Association Annual Conference, 6<sup>th</sup> Apr, University of Derby, UK. (*invited talk*)
- Map Transformations of Human and Physical Space. Keynote at the Geography Forum of the UK Department for Environment, Food and Rural Affairs (Defra) GI network, 12<sup>th</sup> Feb, York, UK. (*invited keynote*)
- Spaces of the Anthropocene. Impulse workshop for the Anthropozän special exhibition at Deutsches Museum (German Museum for Science and Technology), 26<sup>th</sup> Jan, Munich, Germany. (*invited talk*)
- Megacity London – ever growing, ever more unequal. Event on *Tackling poverty and exclusion in London* organized by the Sheila McKechnie Foundation, 15<sup>th</sup> Jan, London, UK. (*invited talk*)

### 2012

- The Visualisation of spatial social structure. Critical methods workshop on *(How) do we understand Capitalism?*, 13<sup>th</sup> September, University of Manchester, UK. (*invited talk*)
- From geovisualisation to neocartography: Maps in a digital world. Inaugural session of the ICA Neocartography Commission, 5<sup>th</sup> Sep, London, UK. (*invited talk*)
- Global spaces of food production. 48<sup>th</sup> Annual Conference of the Society of Cartographers, 4<sup>th</sup> Sep, London, UK. (*talk*)
- What do you want to map today? Research seminar at the Food and Environment Research Agency of the UK Department for Environment, Food and Rural Affairs, 23<sup>rd</sup> August, York, UK. (*invited talk*)
- Planet der Menschen: Neue Kartenwelten im Anthropozän. Nominated entry for final round of the German Study Award of the Körber Foundation (Abschlusstagung des Deutschen Studienpreises), 4<sup>th</sup> July, Berlin, Germany. (*invited talk*)
- A tale of two cities: London's health inequalities. BMA & London Deanery seminar series on *Metropolitan Medicine*, 2<sup>nd</sup> July, London, UK. (*invited talk*)
- Changing views of a changing planet. *Mapping the global village*, Annual symposium of the British Cartographic Society, 14<sup>th</sup> June, Hook/Basingstoke, UK. (*invited talk*)
- A journey to the centre of the planet. Ranmoor Lunchtime Lecture, 3<sup>rd</sup> May, Sheffield, UK. (*invited talk*)

- Visualising weather patterns: New maps from quantitative data. *Visualising the future of our planet - Can we do better than heat maps*. Expert workshop by Microsoft Research Cambridge. 16<sup>th</sup> Apr, University of Cambridge, UK. (*invited delegate's talk*)
- The human planet. Plenary of the Population Specialty Group, AAG Annual Meeting, 26<sup>th</sup> Feb, New York City, USA. (*invited plenary talk*)

#### 2011

- Where does it always rain on us? 47<sup>th</sup> Annual Conference of the Society of Cartographers, 6<sup>th</sup> Sep, Plymouth, UK. (*talk*)
- The relativity of space: Warping our views of the world. Human Geography Seminar Series, Postgraduate Presentations, 31<sup>st</sup> May, University of Sheffield, UK. (*talk*)
- Mapping people, not sheep: Why our planet's well-being can look so different. IDEA CETL Applied Ethics Research seminar, 14<sup>th</sup> Mar, University of Leeds, UK. (*invited talk*)

#### 2010

- People powered maps: Geovisualisierung im Zeitalter der Globalisierung. Kartographisches Kolloquium der Deutschen Gesellschaft für Kartographie, 28<sup>th</sup> Oct, Karlsruhe, Germany. (*invited talk*)
- Gridded cartograms and the world population atlas. 46<sup>th</sup> Annual Conference of the Society of Cartographers, 8-10<sup>th</sup> Sep, Manchester, UK. (*talk and poster*)
- Using worldmapper in teaching - discussing inequality in the classroom. Prince's Trust Summer School for Secondary School Geography teachers, 28<sup>th</sup> Jun, Cambridge, UK. (*invited joint talk*)
- People powered maps: A population-centric map projection. Annual Meeting of the Association of American Geographers, 14-18<sup>th</sup> Apr, Washington DC, USA. (*talk*)
- Making visible global injustice in health: mapping the causes of 57 million deaths. Medsin Global Health Conference, 28<sup>th</sup> Mar, Newcastle, UK. (*invited joint keynote*)
- Preparing for "Peak Population": how the UK fits within world demography. The Royal Commission on Environmental Pollution, 4<sup>th</sup> Feb, London, UK. (*invited joint talk*)

#### 2009

- Social mobility does not matter where it is high, because the size of the gap from top to bottom is so low. Social Research Association Annual Conference, 15<sup>th</sup> Dec, London, UK. (*invited joint talk*)
- Mapping a (un)happy humanity: a new perspective on our planet's well-being. Exhibition to mark the re-launch of the Centre of Health and Well-being in Public Policy (CWIPP) at the University of Sheffield, Dec, Sheffield, UK. (*poster*)
- Cartography of the financial markets: visualizations of an economic world. International Conference Architecture and the City in the Financial Crisis (Architektur und Stadt in der Finanzkrise), Stiftung Bauhaus, 14<sup>th</sup> Nov, Dessau, Germany. (*invited talk*)
- Geovisualisation of flows: Finding new approaches to map an interdependent world. Annual Conference of the Royal Geographical Society, 26-28<sup>th</sup> Aug, Manchester, UK. (*poster*)
- Re-Mapping the world's population. ESRI International User Conference, 13-17<sup>th</sup> Jul. San Diego, USA. (*talk and conference proceedings paper with Ramsden, M., D. Ballas, J. Pritchard and D. Dorling*)
- Re-Drawing the world: An approach towards a gridded world population cartogram. GIS Research UK 17th annual conference, 1-3<sup>rd</sup> Apr, Durham, UK. (*talk and conference proceedings paper*)

#### 2007

- Der Einsatz hyperspektraler Fernerkundungsdaten bei der Biotopkartierung im Gezeitenbereich. Deutscher Geographentag, 29<sup>th</sup> Sep – 5<sup>th</sup> Oct, Bayreuth, Germany. (*poster*)
- Hyperspectral remote sensing and analysis of intertidal zones - A contribution to monitor coastal biodiversity. GI\_Forum, 3-6<sup>th</sup> Jul, Salzburg, Austria. (*talk and reviewed full paper with Bartsch, I. and C. Cogan*)

#### 2005

- Mapping of small-scale intertidal macrophyte communities at the island of Helgoland (North Sea) using hyperspectral remote sensing images. 2nd EARSel Workshop Remote Sensing of the Coastal Zone, 9-11<sup>th</sup> Jun, Porto, Portugal. (*joint talk*)
- Macrophyte monitoring by hyperspectral remote sensing and ground based biotope mapping - a tool to assist the monitoring demands of the EU-water frame work directive? MarBEF workshop: How to detect changes in biodiversity - concepts, methods and tools, 2-4<sup>th</sup> Feb, Banyuls, France. (*joint talk*)

## 2004

- Der Einsatz hyperspektraler Fernerkundungsdaten bei der Biotopkartierung im Gezeitenbereich. 2. Jahrestagung des Arbeitskreises Fernerkundung (Annual Meeting of the Working Group Remote Sensing), 19-20<sup>th</sup> Nov, Bonn, Germany. (*poster*)

## IT Skills

- GIS, remote sensing and mobile GPS-applications (ArcGIS, QGIS, ENVI, ERDAS IMAGINE, GoogleEarth Pro, eCognition)
- Statistical software (SPSS, R), Database management
- CAD applications (AutoCAD, Blender)
- Operating systems (Linux, Windows, MacOS), MS Windows Network administration
- Office applications
- Graphics / design software (Adobe, Freehand)
- HTML webdesign & web programming
- Programming experience (R, Processing, Python, Java, JavaScript, PHP, SQL, AWK)

## Languages

German (mother tongue)

English (fluent)

Spanish (basic)

Latin

## Referees

available upon request