

1. PERSONAL DETAILS**Dimitris Ballas**

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2. QUALIFICATIONS

- 2001** **School of Geography, University of Leeds, UK**
Doctor of Philosophy (PhD) in Geography
- Thesis title: A spatial microsimulation approach to local labour market policy analysis (viva passed *without corrections, first submission*)
External Examiner: Professor Peter Batey (University of Liverpool)
Internal Examiner: Professor Danny Dorling
Thesis supervisor: Dr Graham Clarke
- 1997** **School of Geography, University of Leeds, UK**
Master of Arts (MA) in Geographical Information Systems (with Distinction)
- Dissertation: Using GIS for local labour market policy analysis and research
Course modules: Research Methods; Introduction to GIS; Proprietary GIS; Applied GIS and Spatial Analysis, Population Analysis; Introduction to Dissertation Research
- 1996** **Department of Economics, University of Macedonia, Thessaloniki, Greece**
Ptychio (BSc) in Economics
Grade: 7.41/10 Class: Very Good
- Optional courses: Regional Economics, Regional Economics of the European Community, Special Topics of Informatics, Economic Applications with Computers, Industrial Sociology, Research Methods, Industrial Economics, Micro-Economics III.
Large Projects undertaken:
- *The causes and the socio-economic consequences of immigration in Greece (10,000 words)*
 - *The role and the economic activity of the Greek enterprises in the Balkan markets (12,000 words)*
- 1996** **Faculty of Human Sciences, Kingston University, UK**
ERASMUS certificate (in the context of the EU student exchange programme)
Courses: Urban Economics, Marketing, Econometrics, History of Economic Analysis
- 1991** **26th Lyceum of Athens, Athens, Greece**
APOLYTIRION with the following core subjects:
Maths, Sociology, History, Modern Greek

3. PRESENT APPOINTMENT (from 1st January 2004 onwards)

Department of Geography, University of Sheffield, UK

Senior Lecturer (from 1 January 2007 onwards); *Lecturer in Geographical Information Systems (Grade B)* (1 January 2004 – 31 December 2006)

Summary of teaching tasks undertaken to date:

- **Data, Visualisation and GIS** (MSc module, module leader, lectures, practical labs and assessment, 10 students, October 2009 onwards).
- **GIS in the Social Sciences** (third year undergraduate module, module leader, module design, lectures, computer labs and assessment, 15 students, February 2009 onwards)
- **Social Geography of Europe Fieldclass** (third year undergraduate module, module leader, module design, lectures, fieldtrip to Athens, web-design workshops and assessment, 30 students, February 2009 onwards)
- **Social and Spatial Inequalities** (third year undergraduate module, lectures, workshops and assessment, 35 students, October 2008 onwards)
- **Health Inequalities** (MSc module, lectures and assessment, 10 students, February 2010 onwards)
- **Researching Human Geographies** (second year undergraduate module, lectures, workshop design and assessment, 90 students, October 2008 – January 2009)
- **Research Design in Human Geography** (second year undergraduate module, lectures and assessment, 120 students, February – June 2004)
- **Social and Political Geography** (second year undergraduate module, workshops, 15 students, February – June 2004)
- **Region, Nation and World** (first year undergraduate module, lectures and assessment, 250 students, February – June 2005 and February 2009 onwards)
- **Statistical Data Analysis in Geography** (first year undergraduate module, lectures and assessment, 200 students, computer labs 40 students, October 2004 – January 2006)
- **Study skills for Geographers** (first year undergraduate module, tutorials and assessment, 5 students, October 2004 – January 2006, October 2008 onwards)
- **Research Methods in Human Geography** (MA in Human Geography module, lectures and computer labs, 10 students, February – June 2004)
- **Extended Geographical Essay** (third year undergraduate module, assessment, February 2004 – January 2006; and module leader 2005-2006)
- Undergraduate (BA in Geography) and Postgraduate (MA in Human Geography) **dissertation supervision and assessment**

Administrative tasks undertaken:

Departmental roles (in order of importance):

- Human Geography Postgraduate Research Admissions Tutor (September 2008 - September 2009)
- Chair of Postgraduate Committee (September 2008 – February 2009)
- Level 2 and 3 Undergraduate Programme Co-ordinator (February 2005 – February 2006)
- Selection committee and interview panel member for a career-track Lectureship in Human Geography, April-May 2009.
- Convenor/Leader of the Human Geography fieldtrip to Edinburgh (January – March 2004)
- Erasmus/Socrates and Study Abroad convenor (January – September 2004)
- Convenor of GEO302 Extended Geographical Essay (Academic year 2004-2005)
- Member of Departmental Research Committee (September 2008-)
- Member of Departmental Teaching and Learning Committee (September 2008- February 2009; October 2009 -)

- Departmental human geography seminar series organiser (November 2004 - July 2005)
- Staff-student committee convenor (January – September 2004)
- Personal Tutor of 14 undergraduate students (September 2008 -)
- Personal Tutor of 36 undergraduate students (January 2004 – February 2006)
- Short-listing and interview panel member for Lectureship Human Geography, Department of Geography, University of Sheffield (May 2009)
- Short-listing and interview panel member for a 2-year fixed-term lectureship in GIS/Economic Geography, Department of Geography, University of Sheffield (December 2005)
- Short-listing and interview panel member for a 3-year fixed-term lectureship in Social and Spatial Inequalities, Department of Geography, University of Sheffield (May 2006)
- Upgrade panel member for PhD students Steve Kidd and Maria Xenitidou
- University of Sheffield Open Days presentations (UCAS visits, February – March 2004)

Faculty roles:

- European Social and Cultural Studies (ESCUS) committee member/ geography representative (March 2004 – September 2007)
- Short-listing and interview panel member for a GIS Teaching Fellow post in the Interdisciplinary Centre of the Social Sciences (ICOSS) (December - January 2006)

University roles:

- Member of the University's South East Europe Research Centre co-ordinating committee and research track leader of the University of Sheffield/SEERC research track 2 – Information Technology (November 2004 – February 2006)
- Founding member, steering committee member (July 2004 -) and Management Group member (April 2006-) of the Centre for Well-being in Public Policy (CWIPP)
- Member of a short-listing panel for the position of Director of the South East Europe Research Centre (SEERC)
- Interview panel member for a Research Officer post at the School of Health and Related Research (September 2004, ScHARR)
- Interview panel member for a fixed-term Lectureship post at the School of Health and Related Research (August 2005, ScHARR)

PhD Student supervision:

Current PhD students:

- Malcolm Campbell (2008 start), ESRC-Scottish Executive (**main supervisor**), *Exploring the socio-economic and geographical determinants of ill-health and morbidity in Scotland*
- Sue Easton (2006 start), ESRC-CASE (**main supervisor**), *Exploring the effects of Multiple Socio-Economic and Geographical Disadvantages on Employment Outcomes*
- Alexandros Karvounis (2006 start – part-time), (**main supervisor**), SEERC student, *EU Structural Funds programmes in Greece and the UK*
- Benjamin Hennig, (2008 start), The Leverhulme Trust (co-supervisor), *Worldmapping beyond mere description*
- Adegbola Ojo (2006 start), (joint supervision with Dan Vickers), *Geodemographic classification of Nigerian Census data*
- Osaretin Oviasu (2008 start), (joint supervision with Jan Rigby), *GIS and Health inequalities in Nigeria*

Former PhD students:

- Dimitris Kavroudakis, White Rose Studentship (**main supervisor**), 2005-2009; passed with minor amendments, *A spatial microsimulation approach to the analysis of social and spatial inequalities in higher education attainment*
- Alexander Tziamalis (2005 – 2009; passed with minor amendments), Geography department studentship (second supervisor, joint supervision with Megan Blake), *Foreign students in the UK: A comprehensive study of their profile, migratory behaviour and motives*
- Karyn Morrissey (2006 – 2009; passed with minor corrections), Teagasc Irish Agriculture and Food Development Authority Walsh Fellowship (second supervisor, joint supervision with Graham Clarke, University of Leeds), *Access to rural services in Ireland*
- Charatdao Kongmuang (2002 – 2006; passed with minor corrections), funded by the Government of Thailand, based at the University of Leeds, (co-supervisor in the first two years, at Leeds University), *Modelling Crime: A Spatial Microsimulation Approach*

Other external posts and roles:

- **1 April – 31 July 2008: Visiting Research Scholar, International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria** (<http://www.iiasa.ac.at>)
- **February 2008: Visiting Academic, University of Auckland, New Zealand:** invited to present two spatial microsimulation workshops and discuss possible collaborative research. Trip jointly sponsored by the University of Auckland Social Statistics Research Group and the School of Geography, Geology & Environmental Science as well as by the New Zealand Government Social Policy Evaluation and Research (SPEaR) (<http://www.nzssn.org.nz/pages/viewworkshop.php?projectid=115>)
- **May 2006: Visiting Lecturer, Ritsumeikan University (Kyoto, Japan):** invited to teach “Spatial Microsimulation” (intensive courses) to postgraduate students of Geography between 15-19 May 2006
- **May 2006 onwards “Teagasc Rural Economy Research Centre Stakeholder Advisory Committee - invited member”:** (<http://www.tnet.teagasc.ie/lerc>)
- **3-7 May 2004: Visiting lecturer of Spatial Statistics** in the context of an MSc in Regional Development and Environmental Management at the **Mediterranean Agronomic Institute of Chania** (<http://www.maich.gr/>) (MAICH), Crete, Greece

PhD viva examination appointments:

- Jianhui Jin, A Small Area Microsimulation Model for Water Demand, School of Geography, University of Leeds **External Examiner**, 22 June 2009
- Tiffany Tao, Using Cartograms for Disease Mapping, Department of Geography, University of Sheffield, **Internal Examiner**, 2 March 2009

4. ACADEMIC EMPLOYMENT HISTORY

October 2001 – December 2003 School of Geography, University of Leeds, Leeds LS2 9JT, UK
Research Fellow in Human Geography (3-year rolling contract)

Research tasks: a Researcher and co-investigator in the SimYork/SimBritain project (3-year project), which was funded by the Joseph Rowntree Foundation, British Telecom and the Welsh Assembly. This project aimed at developing a dynamic spatial microsimulation model of the British population. In particular, SimYork aimed at simulating dynamically at the electoral ward level the population of the city of York, using Census data, the British Household Panel Survey and data from other surveys. SimYork was used as a pilot study for the application of the technique in the entire country (SimBritain). Also, worked as a co-investigator on a

project that aimed at building a microsimulation-based Spatial Decision Support System (SDSS) for Leeds City Council. Finally, worked as a consultant on a spatial microsimulation model of the Irish Rural Economy for the Irish Rural Economy Research Centre (Dublin, Ireland).

PhD student supervision: Co-supervisor of a PhD student who conducted research on the use of spatial microsimulation modelling for the study of crime in the UK.

Teaching and other tasks: guest lectures to MA/MSc modules, *Research staff rep* representing the School's research staff at Research Committee meetings.

**October 2000
–September
2001**

School of Geography, University of Leeds, Leeds LS2 9JT, UK
Research Officer

Tasks: Building a static and dynamic spatial microsimulation model for the Irish rural economy. In particular, this project, which was funded by the Irish Rural Board (Teagasc), aimed at building a static microsimulation demographic and labour force model for the Irish Rural economy. Further, it involved the construction of a dynamic microsimulation model to project the labour force of Irish Rural areas into the future, under different scenarios and assumptions. This included modelling change from 1991-1996-2001. Finally, one of tasks of this research job was to produce reports and academic papers and to give presentations at group meetings and academic conferences.

Teaching: Tutor of first year undergraduate students (BA Geography).

**February –
May 2000**

Hull University Business School, Hull HU6 7RX, UK
Part-time teaching assistant

Tasks: Designing and writing practical handouts of the third year undergraduate module *Business Geographics*. Also, teaching and demonstrating in the practical sessions of the module and marking the coursework. The practical sessions' aims were to teach students to extract Census and digital boundary data and to use *ArcView GIS* for geographical market analysis.

**October 1997
– September
2000**

School of Geography, University of Leeds, Leeds LS2 9JT, UK
Part-time Demonstrator and Tutor

Tasks: Demonstrating in computer classes and marking for the following undergraduate and postgraduate modules: *Using GIS, Quantitative Research Methods, Geographical Analysis, Study Skills, Census Data Analysis, Statistics for Geographers*

**February –
June 1999**

Faculty of Health and Environment, Leeds Metropolitan University, Leeds LS2 8BU, UK
Temporary Part-time Lecturer

Tasks: Teaching, demonstrating in computer classes and marking for the Human Geography undergraduate module: *Learning and Personal Development*. This involved lectures on *Geographical Information Systems* and demonstrations of the *ArcView GIS* in computer classes. Running the second year undergraduate workshop *Research Methods*. This involved teaching, tutoring and marking of group presentations and reports.

December 1999 School of Geography, University of Leeds, Leeds LS2 9JT, UK
GIS analyst

Tasks: to map and analyse Census data in *ArcView* for a project for the Home Office. This involved summarising census variables for each Police Basic Command Unit area and producing the appropriate tables.

September 1997 School of Geography, University of Leeds, Leeds LS2 9JT, UK
Introductory GIS Day School Tutor

Tasks: demonstrating the use of the GIS packages *ArcView*, *MapInfo* and *IDRISI* in a one-day intensive GIS course.

5. RESEARCH GRANTS AND CONTRACTS

Principal or sole applicant:

Applicant(s):	Title:	Funded by:	Amount:
Ballas, D (principal applicant and supervisor) , Dorling D, Mitchell, R (2007-11)	ESRC – Scottish Executive “1+3” award “Exploring the socio-economic and geographical determinants of ill-health and morbidity in Scotland”	ESRC	Approx. £70,000
Ballas, D , Dorling, D, Rigby, J (2006)	5-year Fellowship in Social and Spatial Inequalities	EPSRC RCUK Fellowship	£125,000
Ballas, D (2005-07)	ESRC 2-year mid-career research fellowship: Understanding Population Trends And Processes: Exploring Geographies of Happiness and well-being	ESRC	£85,908
Ballas, D (principal investigator) Dorling, D, Anderson, B (University of Essex) (2005-06)	Assessing the feasibility of producing small area income estimates	UK Office for the Deputy Prime Minister (ODPM)	£34,895
Ballas, D (principal applicant and supervisor) , Dorling D (2005-08)	ESRC-CASE Award (with the Department for Work and Pensions)	ESRC	£51,504
Ballas, D (principal supervisor) , Birkin, M (2005-08)	White Rose Research Studentship (Sustainable Communities: People, Places and prosperity: simulating geographies of educational attainment)	White Rose Universities Consortium	£48,204
Ballas, D (2004)	Household location modelling – project led by David Simmonds Consultancy in collaboration with the University of Leeds and University College London	UK Department for Transport (DfT)	£11,800
Ballas, D (2004)	University of Sheffield/South East Europe Research Centre (SEERC) PhD studentship: Creating and using spatially disaggregated microdata for urban, regional and social policy analysis in	University of Sheffield and South East Europe Research Centre (SEERC)	Approx. £15,000

South East Europe			
Ballas, D (2003)	Conference fee and Travel grant to present a paper at the 13th European Colloquium on Theoretical and Quantitative Geography, Lucca, Italy, 5-9 September 2003	Royal Geographical Society (with the Institute of British Geographers)	£250
Ballas, D (2003)	Conference fee and Travel grant to present a paper to the ESF conference "Socio-Economic Research and Geographic Information Systems- Health and the Environment", Spa, Belgium, 9-14 May 2003	European Science Foundation	Approx. £500
Ballas, D (2001)	Conference fee and travel grant to present a paper at the 12 th Theoretical and Quantitative Geography European colloquium, Rouen, France, 7-11 September 2001	Royal Geographical Society (with the Institute of British Geographers)	Approx. £250
Ballas, D (2001)	Conference fee and Travel to present a paper to the ESF conference "Socio-Economic Research and Geographic Information Systems- The Digital City: A EuroConference", Granada, Spain, 9-14 June 2001	European Science Foundation	Approx. £500
Ballas, D (2000)	Conference fee and Travel grant to present a paper to the ESF conference Geographical Domain and Geographical Information Systems EuroConference on Ontology and Epistemology for Spatial Data Standards, La Londe-les-Maures, France, 22-27 September 2000	European Science Foundation	Approx. £500
Ballas, D (1999)	Conference fee and Travel grant to present a paper to the ESF conference Socio-Economic Research and Geographical Information Systems, Espinho, Portugal, 22-27 May 1999	European Science Foundation	Approx. £500
TOTAL:			Approx. £444,811

Co-applicant and/or member of research and advisory teams:

Applicants/Researchers:	Title:	Funded by:	Amount:
Haslett, S, Jones, G, Noble, A, O'Sullivan, D, Ballas, D , Qiao, C (2008-2009)	More for less? Using statistical modelling to combine existing data sources to produce sounder, more detailed, and less expensive Official Statistics	New Zealand Official Statistics	NZ\$92,556 (Sheffield NZ\$3,255)
Dorling, D, Vickers, D, Pritchard, J, Thomas, B, Ballas, D (2008)	Changing UK: the way we live now	British Broadcasting Corporation	£37,000

Clarke, G P, Ballas, D (2006-2009)	Walsh Fellowship: Access to rural services in Ireland	The Irish Government National Development Plan/TEAGASC	€51,000
Rigby, J, Maheswaran, R, Ballas, D , Smith, R (2006-2007)	Building social science capacity in geographical information systems	University of Sheffield Skills training and Development Grant Scheme	£29,000
Dorling, D, Rigby, J, Ballas, D (2005-2007)	Understanding the transformation of the prospects of places	Joseph Rowntree Foundation	£70,269
Rigby, J, Maheswaran, R, Ballas, D , Smith, R (2005-2006)	Building social science capacity in geographical information systems	University of Sheffield Skills training and Development Grant Scheme	£23,935
Dorling, D, Ballas, D , Thomas, B, Pritchard, J (2004-5)	State of the Cities Report (managed this project between December 2004 – April 2005)	UK Office for the Deputy Prime Minister (ODPM)	£500,000 (Sheffield £70k)
Dorling, D, Ballas, D , Thomas, B, Pritchard, J (2004)	Pilot mapping of local socio-economic polarisation in three areas in England	UK Office for the Deputy Prime Minister (ODPM)	£27,000
Kingston, R, Ballas, D , Stillwell, J (2003-2004)	Micro-simulation Modelling & Predictive Policy Analysis System for Leeds (Micro-MaPPAS).	Leeds Initiative & Leeds City Council.	£69,850
Phelps, N, Ballas, D , (2003)	Business interests in European edge urban politics	British Academy	£4,442
Ballas, D , Clarke, G P, (2002-2005)	Spatial microsimulation of the Irish Rural Economy	Irish Government Department of Agriculture	€20,000
Dorling, D, Clarke, G P, Ballas, D (2001-2004)	SimBritain 1991-2021	British Telecom	£288,725
Dorling, D, Clarke, G P, Ballas, D (2001-2003)	SimBritain 1991-2021	The Joseph Rowntree Foundation / Welsh Assembly	£93,385
		TOTAL:	£1,143,606; €71,000 and NZ\$92,556

6. PROFESSIONAL ACTIVITIES

- **Treasurer** (November 2004 onwards) of the *Regional Science Association International*, which is an interdisciplinary, international organisation focusing on understanding the growth and development of urban, regional, and international systems (for more information see <http://www.regionalscience.org>).
- **Secretary and member of the executive committee, Regional Science Association International: British and Irish Section** (elected and served from September 2001 – August 2005) (<http://www.rsai-bis.org/>). **Tasks and Activities:** Organising the Section's committee meetings and taking minutes. Organising the Section's annual conference (over 100 delegates); collecting and disseminating information on the Section's activities. Launched and

organised the Section's Undergraduate and Postgraduate Student competitions. Played an active role in the formation of the Section's strategy and long term planning (which included the launch of a new journal in 2006 - journal title "Spatial Economic Analysis")

- **Member of the Local Organising Committee and Scientific Committee of the 48th Congress of the European Regional Science Association**
(<http://www.liverpool.ac.uk/ersa2008>) 27 – 31 August 2008, Liverpool
- **Convenor and Chair, Young Regional Scientists Round Table on the "Future of Regional Science", 48th Congress of the European Regional Science Association**
(<http://www.liverpool.ac.uk/ersa2008>) 27 – 31 August 2008, Liverpool
- **Member of the Organising and Scientific Committee of the 2st workshop of the Regional Studies Research Network on Geographical Localisation, Intersectoral Reallocation of Labour and Unemployment Differentials (GLUNLAB)**, 14-15 May 2009, University of Bologna, Rimini, Italy (http://www.rcfea.org/glun - lab_workshop_ii)
- **Member of the Organising and Scientific Committee of the 1st workshop of the Regional Studies Research Network on Geographical Localisation, Intersectoral Reallocation of Labour and Unemployment Differentials (GLUNLAB)**, 31 October 2008, University of Macedonia, Thessaloniki, Greece (<http://econlab.uom.gr/workshop>)
- **Member of an International Advisory Group** for the New Zealand-government funded project "Modelling the Early Life Course", Centre of Methods and Policy Application in the Social Sciences, www.compass.auckland.ac.nz, University of Auckland
- **Acted as an invited referee** of Research Grant applications that were submitted to the UK *Economic and Social Research Council (ESRC)*
- **Acted as an invited referee** of a Research Grant application that was submitted to the US *National Science Foundation (NSF)*.
- **Acted as referee for the following journals:** *Geographical Analysis; Urban Studies; Social Science and Medicine; Spatial Economic Analysis; Environment and Planning A; Environment and Planning B: Planning and Design; Environment and Planning C: Government and Policy; Computers, Environment and Urban Systems; Area; Applied GIS; Radical Statistics, Professional Geographer; Local Economy; Applied Spatial Analysis And Policy; Journal of Maps; Investigationes Regionales*
- **Fellow** of the *Royal Geographical Society and Institute of British Geographers (RGS/IBG)*
- **Committee member** of the *Quantitative Methods Research Group* of the *Royal Geographical Society and Institute of British Geographers* (September 2001-5)
- **Member** of the *Economic Geography* research group of the *Royal Geographical Society and Institute of British Geographers*
- **Invited member** of an ad-hoc committee (10 April 2003) for the evaluation and fine-tuning of an MSc programme in Regional Development and Environmental Management at the *Mediterranean Agronomic Institute of Chania (MAICh)*, Crete, Greece
- **Life Member** of the *Basic Income Earth Network (BIEN)*
- **Member** of the *Radical Statistics (Radstats)* group

7. PUBLICATIONS

Authored Books:

1. **Ballas, D**, Rossiter, D, Thomas, B, Clarke, G.P, Dorling, D (2005), *Geography matters: simulating the local impacts of national social policies*, Joseph Rowntree Foundation contemporary research issues, Joseph Rowntree Foundation, York, ISBN 1 85935 265 0 (paperback), 140 pages.
2. Phelps, N A, Parsons N, **Ballas, D**, Dowling, A (2006), *Post-Suburban Europe: Planning and Politics at the Margins of Europe's Capital Cities*, Palgrave, Basingstoke, ISBN: 0-230-00212-9 (hardback), 248 pages.
3. Dorling, D, Rigby, J, Wheeler, B, **Ballas, D**, Thomas, B, Fahmy, E, Gordon, D and Lupton, R (2007), *Poverty, wealth and place in Britain, 1968 to 2005*, Policy Press, Bristol, ISBN 9781861349958 (paperback), 112 pages.

Peer-reviewed journal articles:

1. Rossiter, D., **Ballas, D.**, Clarke, G.P., Dorling, D. (2009), Dynamic Spatial Microsimulation using the concept of GHOSTs, *International Journal of Microsimulation*, vol. 2 (2), 15-26.
2. Fahmy, E., Dorling, D., Rigby, J., Wheeler, B., **Ballas, D.**, Gordon, D., Lupton, R. (2008) Poverty, Wealth and Place in Britain, 1968-2005, *Radical Statistics*, 97, 11-30.
3. Morrissey, K., Clarke, G, **Ballas, D.**, Hynes, S., O'Donoghue, C. (2008), Examining access to GP services in rural Ireland using microsimulation analysis, *Area*, 40, pp. 353-364.
4. **Ballas, D.**, Dorling, D (2007), Measuring the impact of major life events upon happiness, *International Journal of Epidemiology*, 36, 1244-1252.
5. **Ballas, D.**, Kingston, R., Stillwell, J., Jin, J. (2007) Building a spatial microsimulation-based planning support system for local policy making, *Environment and Planning A*, 39(10), 2482 – 2499.
6. **Ballas, D.**, Clarke, G P, Dorling D, Rossiter, D. (2007), Using SimBritain to Model the Geographical Impact of National Government Policies, *Geographical Analysis* 39 (1), pp. 44-77.
7. Nakaya, T., Fotheringham, A. S., Hanaoka, K., Clarke, G., **Ballas, D.**, Yano, K. (2007), Combining microsimulation and spatial interaction models for retail location analysis, *Journal of Geographical Systems*, 9, 345-369.
8. **Ballas, D.**, Clarke, G. P. and Dewhurst, J (2006), Modelling the socio-economic impacts of major job loss or gain at the local level: a spatial microsimulation framework, *Spatial Economic Analysis*, vol. 1(1), pp. 127-146.
9. **Ballas, D.**, Clarke, G P, Wiemers, E, (2006) Spatial microsimulation for rural policy analysis in Ireland: The implications of CAP reforms for the national spatial strategy, *Journal of Rural Studies*, vol. 22, pp. 367-378.
10. Phelps, N. A., Parsons N, **Ballas, D.**, Dowling, A (2006), Business at the Margins? Business interests and urban development at the margins of Europe's capital cities, *International Journal of Urban and Regional Research*, Vol 30 (2) pp. 362- 383.
11. **Ballas, D.**, Clarke, G P, Dorling, D, Rigby, J, Wheeler B (2006) Using Geographical Information Systems and spatial microsimulation for the analysis of health inequalities, *Health Informatics*, vol. 12, pp. 65-59.
12. **Ballas D.**, Clarke, G P, Wiemers, E, (2005) Building a dynamic spatial microsimulation model for Ireland, *Population, Space and Place*, vol. 11, 157–172.
13. **Ballas, D.**, Clarke, G.P., Dorling, D., Eyre, H. and Rossiter, D., Thomas, B (2005) SimBritain: a spatial microsimulation approach to population dynamics, *Population, Space and Place*, 11, 13–34
14. **Ballas, D.** (2004) Simulating trends in poverty and income inequality on the basis of 1991 and 2001 census data: a tale of two cities, *Area* 36.2, 146-163.
15. **Ballas, D.** & Clarke, G. P. (2001), Towards local implications of major job transformations in the city: a spatial microsimulation approach, *Geographical Analysis* 31, pp. 291-311.
16. **Ballas, D.** & Clarke G. P. (2001), Modelling the local impacts of national social policies: a microsimulation approach, *Environment and Planning C: Government and Policy*. 19, pp. 587-606.
17. **Ballas, D.** & Clarke, G. P. (2000), GIS and microsimulation for local labour market policy analysis, *Computers, Environment and Urban Systems*, vol. 24, pp. 305-330.

Professional Journal paper:

1. **Ballas. D** (2008), Geographical Modelling of Happiness and Well-being, *BURISA* 177, pp.12-17

Peer-reviewed chapters in books:

1. Dorling, D, **Ballas D**, (forthcoming), Innovative ways of mapping data about places, in Dale A and Mason J (eds.), *Social Researching: New Perspectives on Methods*, Sage
2. **Ballas, D.**, Dorling, D (forthcoming), Human Scale Visualisations and Society, in Nyerges, T, Couclelis, H, McMaster, R (eds.), *Handbook of GIS & Society Research*, Sage
3. **Ballas, D.** (forthcoming), “Geographical simulation models of happiness and well-being”, in Stillwell, J, Norman, P., Thomas, C., Surridge, P., *Understanding Population Trends and Processes, volume 2: Population, Employment, Health and Well-being*, Springer
4. **Ballas, D**, Clarke, G P (2008), Spatial Microsimulation, in A.S Fotheringham and Peter A Rogerson (eds.) *Handbook of Spatial Analysis*, Sage
5. Dorling, D, **Ballas D**, (2008), Spatial divisions of poverty and wealth, in Ridge, T, Wright, S (eds), *Understanding Poverty, Wealth and Inequality: Policies and Prospects*, Policy Press, Bristol, pp. 103 – 134.
6. **Ballas, D**, Dorling, D, Shaw, M (2007), Social inequality, health, and well-being, in Haworth J and Hart, G (eds), *Well-Being: individual, community, and social perspectives*, Palgrave, Basingstoke, pp. 163-186
7. **Ballas, D.**, Clarke, G P, Dorling D, Rossiter, D. (2006), Using a Spatial Microsimulation Model for the Estimation of the Geographical Impact of British National Government Policies, in Peter Nijkamp and Aura Reggiani (eds.), *Spatial Evolution and Modelling*, Edward Elgar, Cheltenham, pp. 367-402
8. **Ballas, D.** (2005), Microsimulation and GIS for spatial decision-making, in M. Campagna (ed.), *GIS for Sustainable Development*, Taylor and Francis, pp. 193-209
9. Labrianidis, L., Kalogeresis, T., **Ballas, D** (2005), Building rural typologies for European regions, in Labrianidis L (ed.), *Entrepreneurship in Rural Europe : the case of Greece* , Patakis, Athens (in Greek), pp. 97-110 (first published in 2004 by Paratiritis/Thessaloniki, pp. 67-80).
10. Stillwell, J, Birkin, M. **Ballas, D**, Kingston, R, Gibson, P (2004), Simulating the city and alternative futures, in Rachael Unsworth and John Stillwell (eds), *Twenty-first Century Leeds: Contemporary Geographies of a Regional City*, Leeds University Press, pp. 345-364
11. **Ballas, D**, Kingston R & Stillwell, J (2004), Using a spatial microsimulation decision support system for policy scenario analysis, in J. van Leeuwen and H. Timmermans (eds.), *Recent Advances in Design and Decision Support Systems in Architecture and Urban Planning*, Kluwer: Dordrecht, pp. 177-192
12. **Ballas, D**, Clarke, G. P. & Turton, I. (2003), *A spatial microsimulation model for social policy micro-spatial analysis*, in B Boots, A Okabe & R Thomas (eds.) *Modelling Geographical Systems: Statistical and Computational Applications*, Kluwer: Dordrecht, pp. 143-168

Conference papers:

1. Albor, C, Pickett, K, Wilkinson, R., **Ballas, D.** (2009), *Are poor mothers and their infants healthier in richer areas? The protective effect of area socio-economic density*, Social Science and Medicine 2009, plenary sessions, Newcastle, 11 September 2009
2. Campbell, M., **Ballas, D.**, Dorling, D. (2009), *Mortality Inequalities: Scotland versus England (and Wales)*, paper presented at the 49th Congress of the European Regional Science Association, Lodz, Poland, 25-29 August 2009
3. **Ballas, D**, Fritz, S., Tranmer, M. (2008), *Modelling of the socio-economic and environmental determinants of subjective happiness and well-being*, paper presented at the 1st workshop of the Regional Studies Research Network on Geographical Localisation, Intersectoral Reallocation of Labour and Unemployment Differentials (GLUNLAB), University of Macedonia, Thessaloniki, Greece, 31 October 2008
4. **Ballas, D**, Fritz, S (2008) *Geographical modelling of happiness and well-being using population surveys and remote sensing data*, paper presented at “Studying, Modeling and Sense Making of Planet Earth” UNESCO-sponsored international conference, Department of Geography, University of the Aegean, Greece, 1-6 June 2008

5. **Ballas, D.** (2008), *Exploring the geography of happiness and well-being in Britain: a spatial microsimulation approach*, paper presented at the 48th Congress of the European Regional Science Association, Liverpool, England, 27–31, August 2008
6. Kavroudakis, D., **Ballas, D.**, Birkin, M., *Using Spatial Microsimulation for the analysis of social and spatial inequalities*, paper presented at “Studying, Modeling and Sense Making of Planet Earth” UNESCO-sponsored international conference, Department of Geography, University of the Aegean, Greece, 1-6 June 2008
7. Dorling, D., Barford, A., Wheeler, B, **Ballas, D.** (2008), *Socio-economic and environmental sustainability: health impacts of an environmental disaster*, paper presented at “Studying, Modeling and Sense Making of Planet Earth” UNESCO-sponsored international conference, Department of Geography, University of the Aegean, Greece, 1-6 June 2008
8. **Ballas, D** (2008), *A spatial microsimulation model of happiness and well-being*, paper presented at the RSAI World Congress, Sao Paulo, Brazil, 17-19 March 2008
9. **Ballas, D**, Tranmer M (2007), *Building a multilevel model of happiness and well-being*, paper presented at the annual conference of the British Society for Population Studies, St Andrews, Scotland, 11-13 September 2007.
10. Kavroudakis, D., **Ballas, D.**, Birkin, M. (2007), *Static spatial microsimulation: A comparison of metaheuristic algorithms*, paper presented at the 1st General Conference of the International Microsimulation Association “Celebrating 50 years of Microsimulation”, Vienna, Austria, 20-2 August 2007
11. **Ballas, D.** (2007) *E-government and simulating rural regions: towards microsimulation-based socio-economic spatial decision support systems*, paper presented at the “RuraLearn” International conference, Mesta, Chios, Greece, 24-27 June 2007
12. **Ballas, D**, Tranmer M (2006), *Happy People or Happy Places? A Multi-Level Modelling Approach to the Analysis of Happiness and Well-Being*, 53rd Annual North American Meeting of the Regional Science Association International, Toronto, Canada, 16-18 November 2006
14. **Ballas D.**, Dorling, D. (2006), *Investigating the geography of happiness, income and wealth inequalities*, abstract submitted and paper accepted for presentation at the 46th congress of the European Regional Science Association, Volos, Greece (theme: Social segregation, poverty, social policy and social capital), 30 August – 3 September 2006
15. Kavroudakis, D, **Ballas D.**, Birkin, M (2006), *Building an object-oriented spatial microsimulation model for public policy analysis*, abstract submitted and paper accepted for presentation at the 46th congress of the European Regional Science Association, Volos, Greece (theme: Geographical Information Systems and Spatial Analysis), 30 August – 3 September 2006
16. Tziamalīs, A, **Ballas D.**, Blake, M (2006), *A Socio-Economic Profile of Foreign Student in the United Kingdom*, abstract submitted and paper accepted for presentation at the 46th congress of the European Regional Science Association, Volos, Greece (theme: Employment, labour markets, migration, diaspora and development), 30 August – 3 September 2006
17. **Ballas, D.**, Dorling D, Shaw, M (2006), *Societal inequality, health, and well-being*, abstract submitted and paper accepted for presentation at the 36th Regional Science Association International (British and Irish Section) conference, Jersey, Channel Islands, 16-18 August 2006
18. Armstrong, H, **Ballas, D**, Staines, A (2006), *A Comparative Analysis of the Economic Performance of Greek and UK Small Islands*, abstract submitted and paper accepted for presentation at the 36th Regional Science Association International (British and Irish Section) conference, Jersey, Channel Islands, 16-18 August 2006
19. **Ballas D.** (2006), *Building a simulation model of happiness and well-being in Britain*, paper presented at the 3rd International Population Geographies conference, University of Liverpool, 19-21 June 2006
20. Phelps, N., Parsons N, **Ballas, D**, Dowling, A (2006), *Business at the Margins? Business interests and urban development at the margins of Europe's capital cities*, paper presented at the 2006 Annual Meeting of the Association of American Geographers, Chicago, Illinois, 9 March 2006
21. **Ballas, D**, Clarke, G P, Wiemers, E (2005) *Spatial Microsimulation for Rural Policy Analysis: the implications of CAP reforms for the National Spatial Strategy in Ireland*, Paper

- presented at the 52nd Annual North American Meetings of the Regional Science Association International, Las Vegas, 10-12 November 2005
22. **Ballas, D**, Clarke, G P, Dorling, D, Rigby, J, Wheeler B (2005) *Using Geographical Information Systems and spatial microsimulation for the analysis of health inequalities*, paper presented at the 10th International Symposium for Health Information Management Research: improving the quality of health information – an international perspective, Thessaloniki, Greece, 22-24 September 2005
 23. **Ballas, D** (2005), *Towards Geographical Models of Happiness*, paper presented at the annual RGS-IBG conference, London, 30 August - 1 September 2005
 24. O'Donoghue C., **Ballas, D**, Clarke, G. P. and Lennon J, (2005) *Modelling Location Choice Decisions in Urban and Rural Areas in Ireland*, paper presented to the conference of the European Society for Rural Sociology, Hungary, August.
 25. Kongmuang C, Clarke G P, Evans A J, **Ballas D** (2005), *A Spatial Microsimulation Approach to Modelling Crime*, paper presented at the British Society of Criminology Conference, Leeds, England, 12th- 14th July 2005
 26. **Ballas, D**, Clarke, GP, Feldman O, Gibson, P, Jianhui J, Simmonds, D and Stillwell, J (2005), *A spatial microsimulation approach to land-use modelling*, paper presented at CUPUM2005 (Computers in Urban Planning and Urban Management), UCL, London 29 June – 1 July 2005
 27. O'Donoghue, C, **Ballas, D**, Clarke, G P, Lennon, J (2005), *Location Choice Decisions in Ireland*, paper presented to the Institute for Advanced Studies seminar entitled “Urban Dynamics”, University of Surrey, 6-8 April 2005
 28. Kongmuang C, Clarke G P, Evans A J, **Ballas D** (2005), *A Spatial Microsimulation Approach to Modelling Crime*, paper presented at the 35th annual conference of the Regional Science Association International: British and Irish Section, Stratford-upon-Avon, England, 17-19 August 2005
 29. **Ballas, D.**, Rossiter, D., Clarke, G.P., Dorling, D. (2004), *Spatial microsimulation approaches to social and economic policy analysis*, paper presented at the 7th Pan-Hellenic Geographical Conference of the Hellenic Geographical Association, Mytilene, Lesbos, Greece, 14 - 17 October 2004
 30. Phelps, N, **Ballas D.** (2004), *Business at the margins; business interests in edge urban politics*, paper presented at the 7th Pan-Hellenic Geographical Conference of the Hellenic Geographical Association, Mytilene, Lesbos, Greece, 14 - 17 October 2004
 31. Wiemers, E, **Ballas, D.**, O'Donoghue, C., Clarke, G.P. (2004), *SMILE: A spatial microsimulation model for analysing change in rural Ireland*, paper presented at the 34th annual conference of the Regional Science Association International: British and Irish Section, Cork, Ireland, 18-20 August 2004
 32. **Ballas, D**, Kingston, R. and Stillwell J (2004), *Using a Spatial Microsimulation Decision Support System for Policy Scenario Analysis*, paper presented at the 7th International Conference on Design & Decision Support Systems in Architecture and Urban Planning, Sint-Michielsgestel, The Netherlands, 2 - 5 July 2004,
 33. **Ballas, D**, Kingston, R. and Stillwell J, Jianhui, J (2004), *Building a Spatial Microsimulation Decision Support System*, paper presented at Association of Geographic Information Laboratories Europe (AGILE) annual conference, Heraklion, Crete, Greece, 29 April – 1 May 2004
 34. **Ballas D**, Clarke, G P , Dorling, D, Rossiter, D and Thomas, B. (2003), *SimBritain: simulating the geographies of well-being and health in Britain, 1991-2021*, paper presented at the International Microsimulation Conference on Population Ageing and Health: Modelling Our Future, Hyatt Hotel, Canberra, Australia, 7 – 12 December 2003
 35. **Ballas, D**, Clarke, G P (2003), *Microsimulation and Regional Science: 30 years of spatial microsimulation of populations*, paper presented at the 50th Annual North American Meeting of the Regional Science Association International, Philadelphia, USA, 19-22 November 2003
 36. **Ballas, D**, Clarke, G.P, Dorling, D, Rossiter D. (2003), *Using SimBritain to Model the Geographical Impact of National Government Policies*, paper presented at the XIV Meeting of the European Working Group on Locational Analysis, Corfu, Greece, 10-13 September 2003

37. Nakaya, T, Yano, K, Fotheringham, A S, **Ballas, D**, Clarke, G P (2003), *Applications of meso-micro retail models*, paper presented at the 13th European Colloquium on Theoretical and Quantitative Geography, Lucca, Italy, 5-9 September 2003
38. **Ballas D**, Clarke, G P, Dorling, D, Rossiter, D and Thomas, B. (2003), *Simulating trends in poverty and inequality in British regions between 1991-2021*, paper to be presented at the 13th European Colloquium on Theoretical and Quantitative Geography, Lucca, Italy, 5-9 September 2003
39. **Ballas, D**, (2003), *Simulating trends in poverty and income inequality on the basis of 1991 and 2001 Census data*, paper presented at the annual RGS-IBG conference (Special session: First Results from the 2001 Census), London, 3-5 September 2003
40. **Ballas D**, Kalogeresis, T, Lambrianidis, L, A suggested typology of rural areas in Europe, paper presented at the 43rd European Congress of the Regional Science Association, Jyväskylä, Finland, 27-30 August 2003
41. Nakaya, T, Yano, K, Fotheringham, A S, **Ballas, D**, Clarke, G P (2003), *Retail interaction modelling using meso and micro approaches*, paper presented at the 33rd Regional Science Association, RSAI – British and Irish Section conference, St Andrews, Scotland, 20-22 August 2003
42. **Ballas D**, Clarke, G P, Dorling, D, Rossiter, D and Thomas, B. (2003), *Simulating trends in labour markets and income inequalities in British regions between 1991-2021*, paper presented at the 33rd Regional Science Association, RSAI – British and Irish Section conference, St Andrews, Scotland, 20-22 August 2003
43. Wiemers, E, **Ballas, D** and Clarke, G P (2003), *A Spatial Microsimulation Model for Rural Ireland—Evidence from the 2002 Irish Census of Population*, paper presented at the annual conference of the Population Association of America (PAA), Minneapolis, Minnesota, USA, 1-3 May 2003
44. **Ballas D**, Clarke G. P, Dewhurst, J (2002), *A spatial microsimulation approach to the analysis of local multiplier effects*, paper presented at the 32nd Regional Science Association, RSAI – British and Irish Section conference, The Dudley Hotel, Brighton and Hove, 21-23 August 2003
45. **Ballas, D**, Clarke, G P, Dorling, Eyre, H., Rossiter, D.(2002), *A spatial microsimulation approach to the impact assessment of Basic Income policies*, paper presented at the 9th Basic Income European Network Congress, Geneva, 12-14 September 2002
46. **Ballas, D**, Clarke, G P, Dorling, Eyre, H., Rossiter, D.(2002), *SimBritain: a spatial microsimulation approach to population dynamics*, paper presented at AESOP 2002, Volos, Greece, 10-14 July 2002
47. Pitts, E., **Ballas, D**. (2002), *Projecting population and labour force in rural areas*, paper presented at the Rural Development Conference: Signposts to Rural Change, Tullamore, Ireland, 12 February 2002
48. **Ballas, D**, Clarke, G P, Dorling, D, Porter, P (2001), *SimYork: a spatial microsimulation approach to modelling space-time population dynamic processes*, paper presented at the XIII Meeting of the European Working Group on Locational Analysis, University of Thessaly, Volos, Greece, 28 November – 2 December, 2001
49. **Ballas, D**, Clarke, G P, Dorling, D, *Dynamic spatial microsimulation approaches to urban and regional systems modelling*, paper presented at the 6th International conference on GeoComputation, Department of Geographical Sciences & Planning, University of Queensland, Brisbane, Australia, 24-26 September 2001
50. Alvanides, S, **Ballas, D**, Vlastaras, V., *Modelling the geographical location of synthetic households*, paper presented at the MANDEC conference "What have we learned from the SARs?", Manchester, 16 November 2001
51. **Ballas, D**, Clarke, G P, Dorling, D, *Spatial microsimulation approaches to combining the SARs with other Census outputs and survey microdata*, paper presented at the MANDEC conference "What have we learned from the SARs?", Manchester, 16 November 2001
52. **Ballas, D**, Clarke, G P, Commins, P. (2001), *Spatial microsimulation for rural policy analysis*, paper presented at the 41st European Regional Science Association (ERSA) congress, Zagreb, Croatia, August 2001
53. **Ballas, D** & Clarke, G P (2001), *Building a spatial microsimulation model for the Irish Rural*

- Economy*, paper presented at the 12th Theoretical and Quantitative Geography European colloquium, Rouen, France, 7-11 September 2001
54. **Ballas, D** (2001), *SimLeeds: a spatial microsimulation model for urban, regional and social policy analysis*, paper presented at “Socio-Economic Research and Geographic Information Systems- The Digital City: A EuroConference“, ESF conference, Granada, Spain, 9-14 June 2001
 55. **Ballas, D** (2000), *GIS and spatial microsimulation for urban systems modelling: a new conceptual framework for the representation and analysis of local labour markets*, paper presented at the European Science Foundation (ESF) conference: Geographical Domain and Geographical Information Systems – EuroConference on Ontology and Epistemology for Spatial Data Standards, La Londe-les-Maures, France, 22-27 September 2000
 56. **Ballas D**, Barr, S. & Clarke G. P., (2000), *Combining census data and remotely sensed data for the generation of population microdata: a spatial microsimulation approach*, paper presented at the 40th European Regional Science Association (ERSA) congress, Barcelona, 29 August – 1 September 2000
 57. **Ballas D** & Clarke G. P (2000), *A spatial microsimulation approach to the analysis of local multiplier effects*, paper presented at the 31st Regional Science Association (RSAI – British and Irish Section) conference, University of Bath, Bath, 6-8 September 2000
 58. **Ballas, D** & Clarke, G. P. (2000), *SimLeeds: a spatial microsimulation model for social policy micro-spatial analysis*, paper presented at the 29th IGC Conference, Seoul 14-18th August 2000
 59. **Ballas, D.**, Clarke, G. P. & Turton, I. (1999), *Exploring Microsimulation methodologies for the estimation of household attributes*, paper presented at the 4th International Conference on GeoComputation, Fredericksburg, Virginia, USA, 25-28 July 1999
 60. **Ballas, D.** & Clarke, G. P. (1999), *Regional versus Local multipliers of Economic Change? A Microsimulation approach*, paper presented at the 39th European Regional Science Association Congress, University College Dublin, Dublin, Ireland, 23-27 August 1999
 61. **Ballas, D.** & Clarke G. P. (1999), *Modelling the local impacts of national social policies: a microsimulation approach*, paper presented at the 11th Theoretical and Quantitative Geography European colloquium, Durham, 3-7 September 1999
 62. **Ballas, D.** (1999), *GIS and microsimulation for local labour market policy analysis*, paper presented at the European Science Foundation (ESF) conference Socio-Economic Research and Geographical Information Systems, Espinho, Portugal, 22-27 May 1999

Book Reviews:

1. Ballas, D. (2006), “Review of Reinert, E. S. 2004: Globalization, Economic Development and Inequality: an Alternative Perspective, Edward Elgar Publishing”, *Economic Issues* 11, 83-85
2. Ballas, D. (2006), “Review of Shepard, E. and McMaster, B., editors 2004: Scale & Geographic Inquiry: Nature, Society, and Method, Malden: Blackwell Publishing”, *Progress in Human Geography*, 30, 282-284
3. Ballas, D. (2001), “Review of A Dale, E Fieldhouse, C Holdsworth, Analysing Census Microdata, Arnold, London, 2000”, *International Journal of Population Geography*, 7, 231-241

Other:

1. Thomas, B, Pritchard, J, **Ballas, D**, Vickers, D, Dorling, D (2009), *A Tale of Two Cities: The Sheffield Project*, Report, commissioned by David Blunkett MP, November 2009, available on-line from: <http://www.sasi.group.shef.ac.uk/research/sheffield/index.html>
2. Dorling, D, Vickers, D, Thomas, B, Pritchard, J, **Ballas, D** (2008), *Changing UK: the way we live now*, report commissioned for the BBC, available on-line from: http://news.bbc.co.uk/1/shared/bsp/hi/pdfs/01_12_08_changinguk.pdf
3. Morrissey, K., Hynes, S., Clarke, G.P., O’Donoghue, C. and **Ballas, D.** (2008). ‘Dr. Who? An Examination of GP Utilisation across Galway City & County’, *RERC Working Paper Series, WP-08-01*, Teagasc, Ireland

4. **Ballas, D.**, Tranmer, M. (2008), *Happy people or happy places? A multilevel modelling approach to the analysis of happiness and well-being*, paper deposited at the arXiv e-print archive, <http://eprintweb.org/S/article/stat/0808.1001>
5. **Ballas, D.** (2008), Using Multi-level Modelling to Understand the Determinants of Happiness, *NCRM Research Methods Festival 2008*, <http://eprints.ncrm.ac.uk/204/>
6. **Ballas, D.** (2008) Spatial microsimulation approaches to population forecasting, in: *NCRM Research Methods Festival 2008*, <http://eprints.ncrm.ac.uk/205/>
7. **Ballas, D.** (2008). A Secondary Analysis of Data Mid Career Fellowship: Full Research Report ESRC End of Award Report, RES-163-27-1013. Swindon: ESRC.
8. **Ballas, D.** Clarke, G.P., Feldman, O., Gibson, P., Jin, J., Simmonds, D, Stillwell, J (2004), Household Location Modelling, report to the Department of Transport (DfT), London, November 2004
9. Dorling, D, **Ballas, D.**, Thomas, B and Pritchard J, Pilot Mapping of Local Social Polarisation in Three Areas of England 1971-2001, project report to the ODPM, 7 May 2004
10. **Ballas D.**, Rossiter, D, Thomas, B, Clarke, G P, Dorling, D (2004), *SimWales: a spatial microsimulation model for Wales*, project report to the Welsh Assembly Government, January 2004
11. **Ballas D.**, Clarke, G P , Dorling, D, Eyre, H., Rossiter, D and Thomas, B (2003) *Simulating current and future trends in the life of households in York*, project report to the Joseph Rowntree Foundation
12. Wiemers, E, Commins, P, Pitts, E. **Ballas, D.**, Clarke G (2002), *Projecting population and labour market trends in rural areas*, project report, Irish Rural Economy Research Centre, Dublin, December 2002 (end of project report, ref:: 4847, available free of charge from library@hq.teagasc.ie)
13. Ballas, D (2001), A spatial microsimulation approach to local labour market policy analysis, unpublished PhD thesis, School of Geography, University of Leeds
14. Ballas, D. (2001), *SMILE model documentation*, Irish Rural Economy Research Centre, Teagasc, Dublin, September 2001
15. **Ballas, D.**, Clarke, G P (2001a), *Building a spatial microsimulation model for the Irish Rural economy*, Interim progress report for the Irish Rural Economy Research Centre, Teagasc, Dublin, 24 January 2001
16. **Ballas, D.**, Clarke, G P (2001b), *Building a spatial microsimulation model for the Irish Rural economy*, Interim progress report for the Irish Rural Economy Research Centre, Teagasc, Dublin, April, 2001
17. Stillwell, J., **Ballas, D.** (2001) *Estimating income for wards in Leeds in 2001*, report prepared for Leeds City Council, April 2001
18. Ballas, D. (2001), *A spatial microsimulation approach to local labour market policy analysis*, unpublished PhD thesis, School of Geography, University of Leeds, Leeds
19. Ballas, D. (1997), *Using GIS for local labour market policy analysis and research in Leeds*, unpublished MA dissertation, School of Geography, University of Leeds, Leeds

8. INVITED LECTURES

1. Ballas, D. (2009), Exploring Geographies of Happiness and Well-being, invited plenary, Regional Studies Association Winter Conference on “Global Recession: Regional Impacts on Housing, Jobs, Health and Wellbeing”, London, 27 November 2009
2. **Ballas, D.** (2009), Innovative ways of mapping data about places, *Methods in Dialogue: Researching Place ESRC Research Methods workshop*, University of Manchester, 14 October 2009, <http://www.socialsciences.manchester.ac.uk/realities/events/dialogue/place/index.html>
3. **Ballas, D.** (2009), Happiness, *ESRC/BSPS seminar series on ‘Microsimulation modelling in the UK: bridging the gaps’*, University of Leeds, 2 July 2009
4. **Ballas, D.** (2009), Modelling of the socio-economic and geographical determinants of subjective happiness and well-being, *ESRC Understanding Population Trends and Processes/General Register Office for Scotland/Scottish Government Workshop*, Victoria Quay, Edinburgh, 12 February 2009
5. **Ballas, D.** (2009), Spatial microsimulation approaches to creating small area population

- microdata, *Institute for Fundamental Sciences, Statistics Seminar, Massey University, Palmerston North, New Zealand, 21 January 2009*
6. **Ballas, D.** (2008), "Happy People or Happy Places? Exploring geographies of happiness in Britain", invited key note speech, Social Future Institute's conference 2008 on 'Health, Wellbeing and Happiness: From local action to global change', University of Teesside, Middlesbrough, England, 29 June - 2 July 2008
 7. **Ballas, D.** (2008), "Using multi-level modelling to understand the determinants of happiness of happiness and well-being data", *ESRC Research Methods Festival, Session on 'Research Methods for Understanding Population Trends and Processes Using Secondary Data'*, 1 July 2008, University of Oxford
 8. **Ballas, D.** (2008), "Spatial microsimulation approaches to population forecasting", *ESRC Research Methods Festival, Session in Forecasting social and economic change sessions, 3 July 2008*, University of Oxford
 9. **Ballas, D.** (2008) "Modelling the geographical, environmental and socio-economic determinants of happiness", invited presentation at the annual GEOBENE (<http://www.geobene.eu/>) meeting, International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria, 23 June 2008
 10. **Ballas, D.** (2008), "Exploring geographies of happiness and well-being and the implications for public policy", invited seminar talk, University of Thessaly, Department of Planning and Regional Development, Graduate Programme Seminar Series, Volos, Greece, 29 May 2008.
 11. **Ballas, D.** (2008), "Modelling the socio-economic and geographical determinants of subjective happiness and well-being", invited seminar talk, Department of Economics, Strathclyde University, Glasgow, Scotland, 23 April 2008.
 12. **Ballas, D.** (2008), "Simulation models of happiness and well-being", invited seminar speech, School of Geography, University of Auckland, Auckland, New Zealand, 18 February 2008.
 13. **Ballas, D.** (2008), "So are people living in Wales happy?", invited talk to the South Wales group of the Royal Statistical Society, Cardiff, Wales, 30 January 2008
 14. **Ballas, D.** (2007), "Building spatial models of happiness and well-being", International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria, 21 August 2007.
 15. **Ballas, D.** (2007), "Spatial microsimulation for urban, regional and social policy analysis", invited talk, Royal Statistical Society annual conference, University of York, York, England, 18 July 2007
 16. **Ballas, D.** (2007), "Spatial Microsimulation Approaches to Creating and Updating Small Area Microdata", Combining and Enhancing Data National centre for e-social Science workshop, University of Manchester, England, 22-23 January 2007
 17. **Ballas, D.** (2006), "Exploring Geographies of Happiness and Well-being in Britain", School for Health and Related Research (ScHARR), University of Sheffield, England, 29 September 2006.
 18. **Ballas, D.** (2006), "Geography, Economics and Happiness", invited seminar talk, World Universities Network (Bristol, Leeds, Manchester, Sheffield, Southampton, Madison-Wisconsin, Illinois-Urbana Champaign, Penn State, Oslo) virtual seminar, Horizons in Human Geography series, 19 September 2006 (<http://www.wun.ac.uk/horizons/humgeog/index.html>)
 19. **Ballas, D.** (2006), *E-government and simulating the city: towards microsimulation-based socio-economic spatial decision support systems*, invited lecture, "International Workshop on e-Government and its spatial dimension", Kempinski Hotel Zografski, Sofia, Bulgaria, 9 June 2006
 20. **Ballas, D.** (2006), *Social Justice and well-being: exploring the relationship between income and wealth inequalities and happiness at different geographical scales*, invited seminar talk, University of Tokyo, Japan, 19 May 2006.
 21. **Ballas, D.** (2006), *Exploring Geographies of Happiness and Well-being in Britain*, invited seminar talk, Cathie Marsh Centre for Census and Survey Research (CCSR), University of Manchester, England, 28 March 2006
 22. **Ballas, D.** (2005), *GIS in the Social Sciences*, invited talk (in Greek) to undergraduate students of Economics, Department of Economics, University of Macedonia, Greece, 14 December 2005
 23. **Ballas, D.** (2004), *GIS and spatial microsimulation for urban, regional and social policy*

- analysis*, invited seminar talk given at the South-East European Research Centre (SEERC), Thessaloniki, Greece 22 December 2004
24. **Ballas, D** (2004), *Mapping Local Socio-economic polarisation*, Office for the Deputy Prime Minister (ODPM) seminar on "Population Churn", Southwark Cathedral, London, 29 June 2004
 25. Dorling, D and **Ballas D** (2004), GIS and Society, seminar given to a joint Department for Work and Pensions/University of Sheffield event, 8 March 2004
 26. **Ballas, D** and Kingston R (2004), *MicroMaPPAS: a spatial decision support system for Leeds City Council*, invited seminar given at the School of Planning, University of Manchester, 4 February 2004
 27. **Ballas, D** (2004), *Geography matters: simulating the impacts of national social policies*, invited seminar given at the Employment Research Institute, Napier University, Edinburgh, Scotland, January 2004
 28. **Ballas, D** (2004), *Spatial microsimulation for policy analysis*, invited seminar given at the Department of Planning, University of Sheffield, 11 February 2004.
 29. **Ballas, D** (2003), *Spatial microsimulation for urban, regional and social policy analysis*, invited seminar talk given at the department of Geography, University of Liverpool, 6 February 2003
 30. **Ballas, D.** (2001), *Using spatial microsimulation to Link Information and Policy in York*, Leeds School of Geography: presentation to Leeds University Court, 14 December 2001
 31. **Ballas, D.** (2001), *SimLeeds/SimYork/SimBritain: spatial microsimulation for urban, regional and social policy analysis*, invited seminar talk given at the department of Social Policy, London School of Economics and Political Sciences (LSE), London, 8 November 2001
 32. **Ballas D.**, (2000), *GIS in the Analysis of Small Areas*, invited seminar talk given at the Local Economy Policy Unit (LEPU) seminar Geographical Information Systems: Uses & Applications, South Bank University, London, 7 June 2000
 33. **Ballas D.**, (1999), *Spatial microsimulation for urban, regional and social policy analysis*, seminar talk given at the postgraduate seminar series, School of Geography, University of Leeds, Leeds, 19 November 1999
 34. **Ballas D.**, (1999), *Spatial microsimulation for urban, regional and social policy analysis*, seminar talk given at a *one-day workshop on GIS* organised by the Department of Town and Regional Planning, University of Sheffield, Sheffield, 5 November 1999
 35. **Ballas D.**, (1998), *A spatial microsimulation approach to local labour market policy analysis*, seminar talk given for the MRes (Research Masters) in the Built Environment students based at the department of Civil Engineering, University of Leeds, September 1998

9. IMPACT: USER PUBLICATIONS AND OTHER MEDIA

User publications:

- Royal Statistical Society Newsletter, Future Events: Are people living in Wales happy?, 30 January 2008 17:00 - 18:00, Tom Jones conference room, Local Government Data Unit Wales, 3-7 Columbus Walk, Cardiff. <http://www.dataunitwales.gov.uk>
- ESRC Social Sciences issue 67: Exploring Geographies of happiness and well-being in Britain.
- Royal Statistical Society Newsletter: *Are people living in Wales happy?* Report by Paul Smith RSS News, Volume 35, Number 7, March 2008.

Invited workshops involving the user community:

Spatial Microsimulation workshops sponsored by the University of Auckland Social Statistics Research Group and the School of Geography, Geology & Environmental Science as well as by the New Zealand Government Social Policy Evaluation and Research (SPEaR)

<http://www.nzssn.org.nz/pages/viewworkshop.php?projectid=115>

10. ADDITIONAL INFORMATION

Computing skills: Proprietary GIS: ArcGIS; MapInfo Professional; ArcView; IDRISI; Databases: DBASE IV, Microsoft Access; Programming Languages: Java, FORTRAN, QuickBasic. Specialised applications: SPSS, Minitab; Mlwin.

Languages: Greek (mother tongue); English (fluent); German (basic); Spanish (basic).