Dr. Konstantinos Daras BSc PhD

Research Fellow, Room G18-East Building, School of Geography, University of Leeds, University Road, Leeds, LS2 9JT, UK, Tel. +447429979075, Email: Konstantinos.Daras@gmail.com

Personal Profiles

*ResearchGate:*https://www.researchgate.net/profile/Konstantinos_Daras/
*Academia.edu:*http://leeds.academia.edu/KonstantinosDaras
*Google Scholar:*http://scholar.google.co.uk/citations?hl=en&user=OurduQsAAAAJ
*LinkedIn:*http://uk.linkedin.com/pub/konstantinos-daras/2/3b8/860

Academic Qualifications

2000-2006	PhD in Geography, "An information statistics approach to Zone Design in the Geography of Health: outcomes and provision", School of Geography, Politics and Sociology, University of Newcastle Upon Tyne, UK.
1995-2000	B.Sc. in Civil Engineering Surveying, "Dynamic management of Urban Decrees in Municipality of Aigaleo using ArcView GIS and Visual Basic", Department of Topography, Faculty of Technological Applications, Technological Education Institution of Athens, Greece.
1990-1993	High School Diploma in Informatics, Department of Information Science, 2nd Technical Highschool of Korinth, Greece.

Academic and other employment

2012 – to date	Research Fellow, "Internal Migration Around the GlobE (IMAGE) project" funded by Australian Research Council Discovery Project, University of Leeds, Leeds, England.
2012	Research Fellow, Support team member at the Centre for Interaction Data Estimation and Research project (CIDER), University of Leeds, Leeds, England.
2005-2006	Research Fellow, "Neighbourhood and household influences on injuries to preschool children" funded by Department of Health, University of East Anglia, Norwich, England.
2002 -2004	Teaching Assistant, School of Geography, Politics and Sociology, University of Newcastle Upon Tyne, UK.
2003	GIS Analyst, "Flooding: virtual flooding and spatial experience" funder by AHRB, University of Newcastle, Newcastle upon Tyne, England.
2001	GIS Analyst, "An investigation into the effects of studentification in criminal activity and the house market: the case of Newcastle City", University of Newcastle, Newcastle upon Tyne, England.
2000	GIS Analyst, "Evaluation of the spatial impact related to the regional incentives policy in Greece: Laws 1892/90 & 2234/94", Technological Education Institution of Athens, Athens, Greece.
2000	GIS Analyst, "Actual Map – Geo-Information Management of Department of Topography (Metadata application)", Technological Education Institution of Athens, Athens, Greece.

Other Employment

2010 - 2011	GIS/IT Project Manager & Consultant, Eratosthenes S.A, Athens, Greece.
2008 - 2010	GIS/IT Consultant & Developer, Eratosthenes S.A, Athens, Greece.
1999 - 2001	GIS Consultant and GIS Developer, "GIS Mining Leasing", Silver &Baryte Ores Mining CO. S.A., 21A Amerikis St, 106 72, Athens, Greece.
1999 - 2000	GIS Developer, "Volcanic Cenozoic Atlas of Greece", Institute of Geology and Mineral Exploration of Greece, Athens, Greece.
1998 - 1999	Computer Administrator, Laboratory of Cartography and Geoinformation,

Technological Education Institution of Athens, Greece.

1997 - 2000   GIS Developer & Ortho-photo Analyst, E.N.B. Ltd, GIS Department, Grammou 61-63, Marousi, Athens, Greece.

Bursaries - Awards

2013   ESRC Bursary for Training, National Centre for Research Methods, United Kingdom.
2001-2004   Hellenic State Scholarships Foundation (HSSF), Athens, Greece.
2003   Sponsorship: Quantitative Methods Research Group (QMRG), United Kingdom.
2000-2001   Departmental Studentship (part-time Mphil fees), School of Geography, Politics and Sociology, University of Newcastle Upon Tyne, United Kingdom.
2000-2001   GISRUK 2001, Post-Graduate Bursary, University of Glamorgan, United Kingdom.

Other Training-Education

2013   Course: Advanced Programming in R, Royal Statistical Society, London, England.
2004   Workshop: Access Grid Desktop, University of Cambridge, England.
2003   WorkShop: Use of GIS to understand socio-demographic and economic change, University of Manchester, England.
2003   Course: Logistic Regression, University of Manchester, England.
2003   WorkShop: Leeds workshop on Modelling and Simulations, University of Leeds, England.

Publications in peer-reviewed journals

1. Reading R., Jones A., Haynes R., Daras K., Emond A., 2008, "Individual factors explain neighbourhood variations in accidents to children under age 5 years" in Social Science & Medicine, 67, 6, pp. 915-927 [*Cited by 5*].
2. Haynes R., Jones A., Reading R., Daras K., Emond A., 2007, "Neighbourhood variations in child accidents and relatedchild and maternalcharacteristics: Does area definitionmake a difference?" in Health and Place,14, 4, pp. 693-701 [*Cited by 11*].
3. Haynes R., Daras K., Reading R., Jones A., 2007, "Modifiable neighbourhoodunits, zone design and residents' perceptions" in Health and Place,13, 4, pp. 812-825 [*Cited by 38*].

Work in progress papers

1. Stillwell J., Daras K., Lomax N., Bell M., Wilson T., "The IMAGE studio: A tool for internal migration analysis and modelling" in Applied Spatial Analysis and Policy.
2. Liu Y., Stillwell J., Shen J., Daras K., "Interprovincial migration, regional development and state policy in China, 1985-2010" in Applied Spatial Analysis and Policy.

Conference presentations - Posters

1. Daras K., Stillwell J., Bell M., 2013,"IMAGE studio: An advanced framework for analysing and modelling internal migration",RGS-IBG 2013: Annual Conference, London, UK.
2. Daras K., Stillwell J., Bell M., 2013, "Cross-national comparisons of internal migration using the IMAGE studio", RSAI-BIS 2013: Annual Conference, Cambridge, UK.
3. Stillwell J., Daras K., Lomax N., Bell M.,Wilson T., 2013, "The IMAGE studio: A tool for comparative analysis and modelling of internal migration", XXVII IUSSP International Population Conference, Busan, S. Korea.
4. Stillwell J., Daras K.,Lomax N., Bell M. & Wilson T., 2013, "The IMAGE studio: A tool for comparative internal migration analysis and modelling", 13th International Conference on Computers in Urban Planning and Urban Management, Utrecht, the Netherlands.
5. Stillwell J.&Daras K., 2013, "Internal migration and the frictional effect of distance", IGU Conference 2013: Applied GIS and Spatial Modelling, Leeds, UK.

6. Daras K., Stillwell J. & Bell M., 2013, "The effect of Initial RandomAggregation (IRA) on the analysis andmodelling of internal migration", GIS RESEARCH UK 2013: Annual Conference, Liverpool, UK.
7. Daras K., 2009, "An information statistics approach to zone design targeting the traffic accidents of children in Tyne and Wear", XXVI IUSSP International Population Conference 2009, Marrakech, Morocco.
8. Daras K., Alvanides S. and Gregory I., 2006, "A zone design methodology for investigating health inequalities", RGS-IBG Annual International Conference 2006, London, England.
9. Daras K., Alvanides S. and Gregory I., 2006, "A zone design approach for investigating inequalities in infant mortality", 3rd International Population Geographies Conference, Liverpool, England.
10. Daras K., Haynes R., Jones A. and Reading R., 2005, "Neighbourhood zone design for a study of injuries to preschool children", RGS-IBG Annual International Conference 2005, London, England.
11. Daras K., 2003, "Advanced methods for modelling spatial relationships and enhancing the performance of contiguity checking algorithms in a zone design context", 13th European Colloquium on Theoretical & Quantitative Geography, Lucca, Italy.
12. Daras K., 2003, "Using advanced aggregation utilities to explore English Health Geographies: A comparison of LLTI between modifiable areal units with existing Health Authorities", 10th International Symposium in Medical Geography, Manchester, England.
13. Daras K., 2002, "Four Color visualisation of the Zone Design process", GeoVisualization: Euroconference on methods to define geovisualisation contents for users' needs, Albufeira (Algarve), Portugal [*Poster*].
14. Alvanides S., Daras K., Dickinson H., 2001, "Designing spatial frameworks for epidemiological research: boundary-free measures and optimal zones of population mixing", GIS RESEARCH UK: 9th Annual Conference, University of Glamorgan, Wales.
15. Sidiropoulos G., Daras K., Andris S., 1997, "The factor 'geographical position' applied at small areas, under 1000 Km2, and concerning the development of small states and self governed territories.", 4th National Conference of Cartography, Kastoria, Greece.

Publications in peer reviewed conference proceedings

1. Stillwell J., Daras K.,Lomax N., Bell M. & Wilson T., 2013, "The IMAGE studio: A tool for comparative internal migration analysis and modelling", 13th International Conference on Computers in Urban Planning and Urban Management, Utrecht, the Netherlands.
2. Stillwell J., Daras K., Lomax N., Bell M.,Wilson T., 2013, "The IMAGE studio: A tool for comparative analysis and modelling of internal migration", XXVII IUSSP International Population Conference, Busan, S. Korea .
3. Daras K., Stillwell J. & Bell M., 2013, "The effect of Initial Random Aggregation (IRA) on the analysis and modelling of internal migration" Proceedings of the GIS RESEARCH UK 2013: Annual Conference, Liverpool, p.30.
4. Daras K., 2009, "An information statistics approach to zone design targeting the traffic accidents of children in Tyne and Wear", XXVI IUSSP International Population Conference 2009, Marrakech, Morocco.
5. Daras K. & Alvanides S., 2003, "Advanced methods for modelling spatial relationships and enhancing the performance of contiguity checking algorithms in a zone design context" Proceedings of the 13th European Colloquium on Theoretical & Quantitative Geography, Italy.
6. Daras K., 2003, "Using advanced aggregation utilities to explore English Health Geographies: A comparison of LLTI between modifiable areal units with existing Health Authorities" Proceedings of the 10th International Symposium in Medical Geography, England, p. 22.
7. Alvanides S., Daras K. & Dickinson H., 2001, "Designing spatial frameworks for epidemiological research: boundary-free measures and optimal zones of population mixing." Proceedings of the GIS RESEARCH UK: 9th Annual Conference, Wales, pp. 161-164.

8. Sidiropoulos G., Daras K. & Andris S., 1997, "The factor 'geographical position' applied at small areas, under 1000 Km2, and concerning the development of small states and self governed territories." Proceedings of 4th National Conference of Cartography, Greece, pp. 165-175.

Books -Book Chapters

1. Daras K. & Alvanides S., 2006, "Zone Design in Public Health Policy" in GIS for Sustainable Development: Bringing Geographic Information Science into practice towards sustainability Ed. Michele Campagna (Taylor & Francis: London)[*Cited by 4*].

Professional Affiliations

- Member of the Multi Agent Systems and Simulation Research Group (MASS), School of Geography, Leeds, U.K.
- Member of the Centre for Spatial Analysis & Policy Research Group (CSAP), School of Geography, Leeds, U.K.
- Fellow of the Royal Geographical Society with IBG (RGS-IBG).
- Member of the European Population Society (EAPS).
- Member of the Regional Studies Association (RSA).
- Member of the Spatial Analysis Research Group (SARG), Department of Geography, Newcastle University, U.K. [ended 2004]
- Member of the On Board Data Handling Group (OBDH) of Student Space Exploration & Technology Initiative Project (SSETI), Newcastle University, U.K. [ended 2003].

University Teaching Experience

2011	Guest Lecturer, "An introduction in Object Oriented Architecture Patterns and Development of Silverlight/WPF and Windows Phone 7 application using the ESRI APIs.", Fachbereich III, Geoinformationswensen, Beuth Hochschulefür Technik, Berlin, Germany.
2011	Guest Lecturer, "An introduction in Object Oriented Architecture Patterns and Development of Silverlight/WPF and Windows Phone 7 application using the ESRI APIs.", Master of Science: "Applied Geography and Spatial Modelling", Department of Geography, Harokopion University, Athens, Greece.
2009	Guest Lecturer, "Geographical multivariate aggregation using Zone Design systems", Master of Science: "Applied Geography and Spatial Modelling", Department of Geography, Harokopion University, Athens, Greece.
2003 -2004	Teaching Assistant: Modules, GEO197 "Introduction to Geographical practice - Spatial Analysis" and GEO239 "Geography of Health", School of Geography, Pol. & Soc., University of Newcastle.
2002 - 2003	Teaching Assistant: Modules, GEO197 "Introduction to Geographical practice - Spatial Analysis" and GEO239 "Geography of Health" at School of Geography, Pol. & Soc., University of Newcastle.

Techniques acquisition – IT Skills

Operating Systems: Windows OS, Mac OS, UNIX SUN/OS, Linux
Programming Languages: C#, Silverlight/WPF, VB, Objective C, Turbo Pascal, FORTRAN 95, Clipper, ADA 95, JAVA, Python, HTML, CSS, JavaScript, Jekyll, Bootstrap 3.0, Markdown
Prog. Languages (G.I.S.): SharpMap, NTS, JTS, ArcObjects, ArcPy, ArcView Avenue, MapObjects 2.0 (via VB), Arc/Info AML, GeoTools (via JAVA)
Computer packages: SPSS, R, RStudio, MLwiN, SQL Server, Oracle, Micrososft Visio, Microsoft Project, Microcal Origin, AutoCad, Photoshop, Illustrator, Microsoft Office, GIT & SVN versioning

Comp. G.I.S. packages: PC&Unix ARC/INFO, ArcGIS, ArcView 3.x, ArcGIS Spatial Analyst, ArcGIS 3D Analyst, ArcGIS Network Analyst, AutoMap, MapInfo, Microstation 95, Surfer 7
Open Source packages: Quantum GIS, uDig, PostGRESQL, PostGIS, MySQL, Hadoop, RavenDB, MongoDB.

Other

Military services: Corporal in Military Police, Hellenic Army (2007 – 2008)
Languages: Greek (Native) and English (Excellent)