

Wednesday 5th APRIL 2006

2.00	1 - OPENING SESSION
	Welcome from conference chair
2.10	Edina Keynote Prof. David Schell (Chairman Open Geospatial Consortium) Interoperability -- a new Research Paradigm introduced by Mike Jackson
3.00	Galileo and the future of Satellite Positioning Prof. Terry Moore (Invited Speaker)
3.30 - 4.00	Break
4.00	2A - SPATIAL DATA MANAGEMENT
	Modelling residential property related datasets for application in a knowledge discovery system used for property valuation <i>Katerina Christopoulou & Muki Haklay</i>
	Data Interoperability: Preparing for the Challenges <i>Peter Mooney & Adam Winstanley</i>
	Comparing Different Land Cover Data Sets for Agricultural Monitoring in Africa <i>Steffan Fritz, L. See, Felix Rembold, Michel Massart, Thierry Nègre & Craig van Hagen</i>
	Integrating a Sequence of Geo-Spatial Datasets <i>Eliyahu Safra & Yerach Doytsher</i>
	Context-aware spatial analysis and information fusion from heterogeneous data repositories <i>Zarine Kemp, Lei Tan & Jacqueline Whalley</i>
6.30	Depart for evening buffet reception at Trent Bridge Cricket Ground

2B - TERRAIN ANALYSIS
Swapping Subcatchments For Isobasins <i>John Lindsay, Laura Liddaman, Martin Evans and Julia McMorro</i>
Optimal Portrayal of Contour Information over Steep Terrain <i>William Mackaness & Mike Steven</i>
A Pyramidal Approach for Merging Topographic Datasets <i>Sagi Daloyt & Yerach Doytsher</i>
Landscape Roughness Coefficients for flood inundation modelling <i>Jochen Schuber, Earl Edwards and Martin Smith</i>

Thursday 6th APRIL 2006

9.00	3A - SPATIAL ANALYSIS
	A Cluster-Based Approach to the Zoning Problem Using An Extended Genetic Algorithm <i>Chris Brunsdon</i>
	Modelling Spatial Variation in Street Crime: an Inductive Learning Approach <i>Allan J. Brimicombe</i>
	Multi-scale in cross-border spatial statistical analysis <i>Jianquan Cheng</i>
	GM(1,1)-Kriging Prediction of Soil Dioxin Pattern <i>Danni Guo, Renkuan Guo, Christien Thiar, Tonny Oyana, & Dajun Dai</i>
	Visualising Species Distributions: the Role of Geostatistics and GIS in Understanding Large-scale Spatial Variation in Breeding Birds <i>David Lieske & Darren J. Bender</i>
10.30 - 11	Break
11.00	4A -GENERALISATION
	Classifying urban structures for mapping purposes using discriminant analysis <i>Stefan Steiniger</i>
	Density Modelling in Support of Automatic Recognition of Geographical Phenomena in Large Scale Topographic Databases <i>Omar Chaudhry & William Mackaness</i>
	Automated Art? Re-defining the fundamental questions of generalisation <i>Jen Crowe</i>
	Examining spatial variation in the cartographic veracity of the Gough Map <i>Chris.D. Lloyd & Keith Lilley</i>
	Simplifying Polygons for Spatial Queries in SQL <i>Ian Elcoate, Jim Longstaff & Paul Massey</i>
12.30 - 2	Lunch
2.00	5A - URBAN ENVIRONMENTS
	The Equator Project <i>Steve Benford (Invitation)</i>
	Understanding Spatial Information Usage in a Mobile Context <i>Chao Li</i>
	The Spatial Scale of Urban Areas <i>Padraig Corcoran & Adam Winstanley</i>
	A Conceptual Framework for Describing Microscale Pedestrian Access in the Built Environment <i>Aidan Slingsby & Paul Longley</i>
	Using GIS to model population physical activity levels and the quality of urban green space <i>Jenna Panter, Andy Jones, Melvyn Hillson & Charles Foster</i>
3.30 - 4	Break
4.00	6A - SPATIAL LITERACY
	SPatial Literacy IN Teaching (SPLINT) <i>Nick Tate (Invitation)</i>
	What do we mean by "spatial literacy" in a GIS context? <i>Benjamin Pozos Hernandez, Claire Jarvis, Jane Wellens & Nicholas Tate</i>
	Improving GIScience learning outcomes by a shift to case-based evaluation <i>Muki Haklay</i>
	GIS into Schools: developing a secondary level GIS curriculum <i>Susanne Tschirmer & Mary O'Brien</i>
5.30	Poster Session & Drinks Reception
7.30	Conference Dinner, Hugh Stewart Main Hall.
9.30	Jazz Band

3B - ENVIRONMENTAL APPLICATIONS
Assessing Scenarios for Improving Groundwater Quality through Land Use Change: The Water4all <i>Andrew Lovett, Project K Hiscock, T Dockerty, A Saich, C Sandhu, G Sunnenberg, K Appleton, P Johnson, J Greaves, & B Harris</i>
Using GIS to Identify Wildland Areas in the North Pennines <i>Stuart Blair, Linda See, Steve Carver & Peter Samsom</i>
Comparing transport impact for energy recovery from domestic waste (EFW): large and small-scale options for two UK Counties <i>Lucy Bastin & David M. Longden</i>
Modelling tree-cover change in the Brazilian Amazon and beyond <i>Alejandro de las Heras & Iain Lake</i>
Application of Spatial Analysis in the detection of human activities' impacts on climate change, Case Study: Iran <i>Sima Torabi</i>

4B - HEALTH, BUSINESS & POLICY APPLICATIONS
Mapping Psychiatric Address Data <i>Paul Lewis, Mary O'Brien, Stewart Fotheringham, Martin Charlton & Adam Winstanley</i>
A Geographical Health Equity Audit of Access to General Dental Practices in Manchester <i>Neil Bendel, Gill Davies</i>
London Calling' - A Spatial Decision Support System for inward investors <i>Patrick Weber, Dave Chapman & Marc Hardwick</i>
Investigating catchment area anomalies for a north England store <i>David Lloyd & Jason Dykes</i>
Data issues associated with creating a national GIS evidence base for rural policy in Wales <i>Jonathan Radcliffe & Sean White</i>

5B - SPATIO-TEMPORAL MODELLING
And Then There Were Two: Revealing Patterns of Spatiotemporal Bifurcation with GIS & CART <i>David Kidd</i>
The potential of raster-based space-time composites in multi-dimensional analysis <i>Nick Mount</i>
Kernel Density Estimation as a spatial-temporal data mining tool: exploring road traffic accident trends <i>Chive Sabel</i>
A New Method for Analysing Spatial Dynamics of Retail Distribution in Urban Space <i>Akiyoshi Inasaka & Yukio Sadahiro</i>
Automated time-based schematic maps for transportation network applications <i>Suchith Anand, Jinsoo You, Mark Ware, Mike Jackson & George Taylor</i>

6B - ONTOLOGIES
Habitat data uncertainty and accuracy: ontological approaches to data fusion <i>Lex Comber, Alan Brown & Jane Stevens</i>
A Visual Editor for Validating Geo-ontologies in OWL <i>Philip Smart, A.I. Abdelmoty & C.B. Jones</i>
A Two-Faced Approach to Developing a Topographic Ontology <i>Hayley Mizen, Glen Hart & Catherine Dolbear</i>
Recycling Ontologies -- exploiting a topographic ontology from an ecological perspective <i>Fiona Hemsley-Flint, Glen Hart, John Lee & Stewart Thompson.</i>

Friday 7th APRIL 2006

9.00	7A - AGENT-BASED MODELLING & SIMULATION
	Agent-Based Modelling and Simulation using Repast: A Gallery of GIS Applications from CASA <i>Paul Longley (Invitation) with Christian Castle & Andrew Crooks</i>
	Experimenting with cities using Agent Based Models <i>Andrew Crooks</i>
	PastureSim: A Visualisation Tool for Pasture Management <i>C. E. S. Rider & Femke Reitsma</i>
	Spatial Data Quality Analysis with Agent Technologies <i>Yang Li</i>
	Towards Developing a Simulation Modelling Framework for Major Urban Disaster Response <i>Jinsoo You, Michael L. Sena & Mike Jackson.</i>
10.30 - 11	Break
11.00	8A - GEODEMOGRAPHICS
	How segregated are name origins? A new method of measuring ethnic residential segregation <i>Pablo Mateos, Richard Webber & Paul Longley</i>
	Modelling residential dwelling types using OS Mastermap data: a comparison with the 2001 Census <i>Scott Orford & Jonathan Radcliffe</i>
	Students in the Community <i>Peter Halls</i>
	Commuting to School: An Investigation of 2001 Census STS and Alternative Data Sources <i>Kirk Harland, Oliver Duke-Williams & John Stillwell</i>
	Creating Consistency in British Census Space <i>Nigel Walford & Kelly Hayles</i>
12.30 - 2	Lunch (optional trip to British Geological Survey - 25 max)
2.00	9 - EXPERIAN KEYNOTE
	Prof. Richard Webber Achievements and challenges in geodemographics
	Prizes
	Invitation to GISRUK 2007 Maynooth - Adam Winstanley
3.30	Close of Conference

7B - WEB DELIVERY
Avenues for developing the UK's National Geospatial Metadata Service <i>James K Batcheller & Bruce M Gittings</i>
Web-based visualisation tools for spatial information retrieval <i>Bisheng Yang, Ross Purves, Awase Khirni Syed and Robert Weibel</i>
A web interface to explore and restructure geographical datasets <i>Sandrine Balley</i>
Public Web Mapping: Preliminary Usability Evaluation <i>Artemis Skarlatidou & Muki Haklay</i>
Evaluating, Classifying and Comparing GI Applications in Irish Planning Authorities <i>Mairéad de Róiste</i>

8B - VISUALISATION
3-D Visualization of OS MasterMap Using Height Data from LIDAR <i>Cici Alexander, Sarah Smith, Claire Jarvis, Nick Tate & Kevin Tansey</i>
Planning Hikes Virtually -- How Useful are Web-based 3D Visualizations? <i>Susanne Bleisch & Jason Dykes</i>
Visualising Risk for Hill Walkers <i>Alastair Jardine & William Mackaness</i>
GIS as an Interpretative Tool in Greek Archaeological Research <i>Despoina Tsiafakis & Vasilis Evangelidis</i>
The topology of GIScience co-authorship networks <i>Cristina Arciniegas & Jo Wood</i>