

GISRUK 2024 | University of Leeds

2024.gisruk.org

Denim | Herringbone | Merchant Hall | Tweed | Other

ECR Workshops

Tue 9th April

WHEN	WHAT	R
ECR WORKSHOP		
1400-1430	Welcome	i
1430-1530	Workshop 1 <i>Guide To Publishing</i> – Paul Norman	i
1530-1600	Coffee Break	i
1600-1700	Workshop 2 <i>Building Impact Into Your Research</i> – Fran Pontin	i
ECR SOCIAL		
1830-	Dinner+Social	i
Wed 10th April		
WHEN	WHAT	R
ECR WORKSHOP		
1000-1200	Workshop 3 <i>Navigating The Night: A Hands-On Workshop With Night Lights And Spatial Data In R</i> – Elisabetta Pietrostefani	i

GISRUK Conference

WHEN	WHAT	R
GISRUK OPENS		
1100-1300	Registration+Lunch	i
1300-1330	Welcome	i
1330-1430	Keynote 1 <i><Talk Title...></i> – Natalia Tedjor Garavito, University of Southampton	i
GISRUK SESSION 1		
1430-1530	Spatial Modelling 1 <i>Analysing Shooting Incidents In New York Using Spatial Regression Techniques</i> – Chris Brunsdon	i
	<i>Flexura: An Open-Source R Package To Flexibly Reconstruct The Degree Of Urbanisation Classification.</i> – Céline Van Migerode, Ate Poorthuis, Ben Derudder	
	<i>"The Great Blackberry Pie" – Or – Focal Area Bias In Geographically Weighted Analysis</i> – Jonny Huck, Matt Dennis, SM Lobib	
1430-1530	Green Neighbourhoods <i>The Walkable Accessibility Score (Was): A Spatially-Granular Open-Source Measure Of Walkability For The Continental Us From 1997-2019</i> – Kevin Credit, Irene Farah, Emily Tolen, Luc Anselin, Hassan Ghomrawi	i
	<i>Exploring The Spatial And Built Environmental Characteristics Of Residential Solar Photovoltaic Implementations In Luxembourg</i> – Alexander Skinner, Catherine Jones	
	<i>Towards A National Low Traffic Neighbourhood Dataset</i> – Chris Larkin, Craig Robson, Alastair Ford	
1530-1600	Coffee Break	i
GISRUK SESSION 2		
1600-1700	Visualization <i>Gridmapp: An R Package For Creating Small Multiple Gridmap Layouts</i> – Roger Beecham	i
	<i>Evaluating Map Projections For Globe Production</i> – Jonny Huck	
	<i>Extending The Moran Scatterplot By Indications Of Critical Values And P-Values: Introducing The Moran Seismogram And The Drop Plot</i> – René Westerholt	
1600-1700	Environment <i>Habitat Connectivity Workflow To Support Decisions And Trade-Offs Between Local Stakeholders</i> – Vitalii Krivok, Lucy Bastin, Ivette Serral, Joan Masó	i
	<i>Mapping The Connectivity Of Higher Potential Naturalness Areas In The Uk</i> – Steve Carver, Jonathan Carruthers-Jones	
	<i>Landscape Perceptions In The Lake District: Distant And Close Reading In Participatory Gis</i> – Timma Denwood, Joanna Taylor, Jonny Huck	
GISRUK SOCIAL		
1700-	Conference reception (see website for post-reception socials)	i

Thu 11th April

WHEN	WHAT	R
GISRUK SESSION 3		
0930-1030	Spatial Justice <i>Bringing Moral Clarity To Urban Planning: Developing Data-Driven Metrics Of Spatial Justice For Neighbourhood Accessibility</i> – Ruth Nelson, Martijn Wörner, Trivik Verma	i
	<i>Leveraging Machine Learning And Street View Imagery To Study The Association Between Social Inequalities And Visual Walkability In The South Africa Context</i> – Lingshan Li, Stephen Law	
	<i>Spatial Empowerment: Participatory And Computational Mapping In El Mina's Neighbourhoods</i> – Elisabetta Pietrostefani	
0930-1030	Social Media <i>Understanding The Local Spatial And Temporal Patterns Of Attitudes Towards Immigration Using Twitter Data</i> – Matt Mason, Francisco Rowe	i
	<i>After The Twitter X-Pocalypse: Approaches To Characterising Human Behaviour In Agent-Based Models And Beyond</i> – Kirsty Wiktorin, Jonny Huck	
	<i>Can Twitter (X) Be Used To Predict Tourism Patterns? Yes!</i> – Raizah Hanifah, Nick Malleson, Victoria Houlden, Alexis Comber	
1030-1045	Coffee Break	i
GISRUK SESSION 4		
1045-1145	Greenspace <i>Time In Nature Reduces Socioeconomic Inequalities In Child Mental Wellbeing</i> – Fiona Caryl, Paul McCrorie, Natalie Nicholls, Jonathan Olsen, Richard Mitchell	i
	<i>A National Assessment Of Park Quality Across Great Britain</i> – Jessica Hepburn, Fiona Caryl, Jonathan Olsen, Rich Mitchell	
	<i>Identification Of Green Corridors As A Type Of Urban Green Spaces</i> – Irada Ismaylova, Sabine Timpf	
1045-1145	Neighbourhood Analysis <i>Capturing High Street Dynamics On A Finer Scale: A Case Study In The Context Of Covid-19</i> – Xinglei Wang, Jia Shi, Tao Cheng	i
	<i>Leveraging Advances In Large Language Models For Neighbourhood Delineation In The London Housing Market</i> – Vlad Tesniere, Stephen Law	
	<i>Do Good Schools Really Push Up Property Prices? Disentangling School And Neighbourhood Effects With Empirical Evidence From Brighton, England</i> – Josiah Tan, Adam Dennett	
1045-1145	Ecology <i>A Spatially Explicit Model Of Beaver River-Floodplains: Understanding Drivers And Mapping Opportunities For Restoration</i> – Matt Dennis, Christof Angst, Josh Larsen, Annegret Larsen	i
	<i>Automatic Detection Of Native Invasive Rush Species With Aerial Imagery And Deep Learning</i> – Oliver King, Duncan Whyatt, Ce Zhang, Carly Stevens	
	<i>Construction Of Ecological Corridors In Karst Areas Based On Ecological Sensitivity And Ecological Service Value</i> – Yixuan Liang, Dafang Wu	
GISRUK LUNCH POSTERS KEYNOTE		
1145-1330	Lunch + Posters	i
1330-1430	Keynote 2 <i><Talk Title...></i> – Michelle Morris, University of Leeds	i
GISRUK SESSION 5		
1430-1530	Earth Observation <i>Improving Deep Neural Net Aerial Lidar Point Cloud Object Classification Accuracy Using A Second Processing Pass</i> – Fauzy Ohman, Phil Bartie	i
	<i>Introducing Overture: A Cloud-Native Global Map</i> – Matt Travis, Tomas Holderness, John Powell, Mark Varley	
	<i>Is A (Satellite) Image Worth A Thousand Data Points? Comparing Machine Learning Approaches For Predicting Social And Environmental Inequalities Across England.</i> – Antje Barbara Metzler, Martin Fleischmann, Anna Zanchetta, Jon Yong, Stuart Lynn, Dani Arribas-Bel	
1430-1530	Transport Sensors <i>Towards Situational Awareness Of Urban Pedestrian Flows: An Assessment Of Data Quality On The Performance Of Predictive Models</i> – Carrow Morris-Wiltshire, Stuart Barr, Phil James	i
	<i>Managing Variability: A Sensitivity Analysis Approach Applied To Mobile App Data</i> – Nilufer Sari Aslam, Zhong Chen, Yikang Wang	
	<i>Deriving Flow Patterns From Gps In-App Mobile Phone Data</i> – Mikaela Mavrogeni, Paul Longley, Justin Van Dijk	
1430-1530	Health <i>Developing The First Multi-Dimensional Measure Of Access To Health-Related Features For Warsaw, Poland</i> – Michał Iliev, James Cheshire	i
	<i>Identifying Areas Of Poor Health Outcome Risk Due To Food Insecurity – A Geographically Weighted Regression Approach</i> – Ahmad Ammash, Fran Pontin, Emily Ennis, Alexander Hambley	
	<i>Investigating The Impact Of Housing Energy Efficiency On Indoor Environment At The Overheating Summer – A Study In Southwark, London</i> – Yunbei Ou, Congying Hu, Qunshan Zhao	
1530-1600	Coffee Break	i
GISRUK SESSION 6		
1600-1700	Labour Markets and Cities <i>A Geospatial Analysis Of Job Satisfaction And Wfh Trends In The Uk During Covid-19</i> – Chuang Liu, Danat Valizadeh, Tao Cheng	i
	<i>From The Beer Orders To Lost Orders – Legislation, Taxation And The Modern Beer Landscape Of London</i> – Adam Dennett, Jakub Wysomierski, Steven Gray	
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1600-1700	Public Transport <i>Origin-Destination-Based Public Transport Connectivity Measures For Enhancing Service Equity</i> – Howard Wong, Ed Manley	i
	<i>Creating A National Classification Of The Level Of Bus Service Provision: A Case Study Of Wales</i> – Scott Orford, Sam Jones, Andrew Price, Jeff Morgan	
	<i>An Open-Source Web-Based Solution For Interactive Assessment Of Accessibility Via Public Transport</i> – Liam Webb, Gary Higgs, Mitchel Langford	
GISRUK SOCIAL		
1830-	Conference reception	i

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GISRUK Conference

Fri 12th April

WHEN	WHAT
GISRUK SESSION 7	
0930-1030 Water	<ul style="list-style-type: none">Designing A Tank Prioritisation Index For Sri Lanka: A Geospatial Approach<ul style="list-style-type: none">Sophie Aylind, Fulvio Lopane, Yi Rong Hao, Qiao Wang, Mohammad Shamsuddoha, Aroha Bahuguna, George JosephClosing The Gap: A Spatially Targeted Approach To Water Point Rehabilitation In Tanzania<ul style="list-style-type: none">Andrew MacLachlan, Sophie Aylind, Aziz Mutabazi, Singolile Mwamwaja, Fravus Kalisa, Aidan Coville, Jerome Sansonetti, George Joseph, Ruth Kennedy Walker, Toyoko KodamaSpatial Patterns Of Tank Decline And Rejuvenation In The Kaveri River Catchment, South India<ul style="list-style-type: none">Charlotte Evans, Jonny Huck, Matthew Dennis
0930-1030 Spatial Modelling 2	<ul style="list-style-type: none">Analysing Global Policy Responses To Covid-19: An Agent-Based Model To Explore The Stringency In Policies<ul style="list-style-type: none">Jayita Chakraborty, Nick MallesonDisaggregating Census Data For Population Mapping Using A Bayesian Additive Regression Tree Model<ul style="list-style-type: none">Ortis Yankey, Utazi Chigozie, Christopher Nnanatu, Assane Gadiaga, Thomas Abbot, Attila Lazar, Andrew TatemUsing A Spatial Statistical Model To Explore Voting Behaviour In The Uk 2019 General Election<ul style="list-style-type: none">Kevin Horan, Katarina Domijan, Chris Brunsdon
1030-1045 Coffee Break	
GISRUK SESSION 8	
1045-1145 Climate Solutions	<ul style="list-style-type: none">From Birmingham To The West Midlands: Scaling Up Climate Risk And Vulnerability Mapping<ul style="list-style-type: none">Sarah Greenham, Emma Ferranti, Nick Cork, Stephen Jones, Jian Zhong, Bethany Haskins, Nick Grayson, Simon Needle, Joe Acton, Rob MacKenzieModelling The Cooling Effects Of Urban Canals<ul style="list-style-type: none">Matthew Tomkins, Harry McDonald, Jonathan Huck, Joanne Tippett, Stephanie Elliott, Eoin Harris, Cem MaxwellDynamic Wildfire Risk Modelling<ul style="list-style-type: none">Abdelrahman Ibrahim, Lex Comber, Steve Carver, Stuart Hodgkinson
1045-1145 Transport Methods	<ul style="list-style-type: none">Interrogating The Spatio-Temporal Dynamics Of Urban Footfall Using Principal Component Analysis<ul style="list-style-type: none">Nick Malleson, Jack LiddleA Deep Learning Framework For Missing Information Imputation In Traffic Crash Records<ul style="list-style-type: none">Wilson Gao, Xinkie Jiang, James Haworth, Huanfa Chen, Ilya IllyankouReproducible Methods For Network Simplification For Data Visualisation And Transport Planning<ul style="list-style-type: none">Robin Lovelace, Zhao Wang, Will Deakin, Josiah Parry
1145-1200 Coffee Break	
CLOSE	
1200-1300 Keynote ...	<ul style="list-style-type: none"><Talk Title...>Levi Wolf, University of Bristol
1300-1330 Awards and Close	

GISRUK SI

– Environment & Planning B Urban Data:Code, see 2024.gisruk.org/si/

Awards

- GISRUK Best Paper, see 2024.gisruk.org for voting
- GISRUK & OSGeo:UK GoFundGeo Award, see 2024.gisruk.org/osgeo/
- CASA Best Spatial Analysis Paper, in mem. Sinesio Alves Junior(1967-2010)

Main venue

– Cloth Court Hall, Cloth Hall Court, Quebec Street, LS1 2HA

Dinner venue

– The Faversham, 1-5 Springfield Mount, Woodhouse, Leeds LS2 9NG



An ESRC Data Investment

