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	ⓘ
1430-1530	Workshop 1	ⓘ
	Guide To Publishing	
	— Paul Norman	
1530-1600	Coffee Break	ⓘ
1600-1700	Workshop 2	ⓘ
	Building Impact Into Your Research	
	— Fran Pontin	
ECR SOCIAL		
1830-	Dinner+Social	ⓘ

Wed 10th April

WHEN	WHAT	R
ECR WORKSHOP		
1000-1200	Workshop 3	ⓘ
	Navigating The Night: A Hands-On Workshop With Night Lights And Spatial Data In R	
	— Elisabetta Pietrostefani	

GISRUK Conference

Wed 10th April

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

Thu 11th April

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