

GISRUK 2014 GLASGOW PROGRAMME			
SESSION / CHAIR	PRESENTERS	TIME / TITLE	LOCATION / FULL AUTHOR LIST
Tuesday 15th April			
An Introduction to QGIS (Dufour - v2 - edition)	Seamus Coveney	10:00 - 16:00 (Tues. 15/4/14)	School of Geographical and Earth Sciences (East Quad) rooms 201/202
Wednesday 16th April			
3D GIS DROP-IN SESSION	Claire Ellul, Richard Goodman, et al.	09:30 - 12:30 (Wed. 16/4/14)	School of Geographical and Earth Sciences (East Quad) room 412
REGISTRATION & LUNCH		12:00 - 14:00 (Wed. 16/4/14)	WOLFSON MEDICAL BUILDING - atrium
WELCOME		14:00 - 14:10 (Wed. 16/4/14)	BOYD ORR BUILDING - LT 2
KEYNOTE chair: Jane Drummond	Professor Mike Worboys "A theoretician's-eye view of GIS research"	14:10 - 15:00 (Wed. 16/4/14)	BOYD ORR BUILDING - LT2
TEA		15:00 - 15:30 (Wed. 16/4/14)	WOLFSON MEDICAL BUILDING - atrium

1A - Natural Environment chair: Duncan Whyatt	presenters:	15:30 - 17:00 (Wed. 16/4/14)	WOLFSON MEDICAL BUILDING - Yudowitz Room
	1. Alex Hagen-Zanker	A computational framework for scale-sensitive landscape pattern analysis	Hagen-Zanker, A., Guida, R.
	2. Jon Murray	Investigating the structural condition of individual trees using LiDAR	Murray, J., Blackburn, G., Whyatt, D., Edwards, C.
	3. Neil Sang	Multifaceted characterisation of spatial and temporal land abandonment patterns using descriptive statistics and massive logistic regression-Norway case.	Sang, N., Dramstad, W., Bryn, A.
MOVED FROM SESSION 7B	51. Chen Wang	3D Modelling of offshore wind farms for the west coast of Scotland	Chen Wang, Miller,D., Yang Jiang, Donaldson-Selby,G., Horne,P., Morrice,J.
CANCELLED	4. Tamer Amron	Classifying Alluvial Fans shapes	Amron, T.
1B - Urban Environment, chair: Peter Halls	presenters:	15:30 - 17:00 (Wed. 16/4/14)	WOLFSON MEDICAL BUILDING - Gannochy Room
	5. William Mackaness	The 'when, how and what' of Text Based Wayfinding Instructions for Urban Pedestrians	Mackaness, W., Bartie, P., Sanchez-Rodilla Espeso, C.
	6. Phil Bartie	Automated clustering of Landmark tags in Urban Images	Bartie, P., Mackaness,W., Pterenz,P., Dickinson, A.
	7. Nick Malleson	Using Social Media Data to Assess Spatial Crime Hotspots	Malleson,N., Andreson,M.
	8. E. Ademosu Iseoluwapo & R.M.Adebiyi	Bio-sociotope mapping - exploring public open space and its multiple use values in urban area using GIS and Remote Sensing techniques	Ademosu, I.E., Adebiyi, R.M.
RGS GISc RG Annual General Meeting		17:15 - 18:00 (Wed. 16/4/14)	WOLFSON MEDICAL BUILDING - Gannochy Room
CIVIC RECEPTION		18:30 - 20:30 (Wed. 16/4/14) buses leave at 18:15	GLAGOW CITY CHAMBERS

Thursday 17th April

2A - Spatial Analysis, chair: Nick Malleon	presenters:	09:00 - 10:30 (Thurs. 17/4/14)	WOLFSON MEDICAL BUILDING - Yudowitz Room
	9. Haval Sadeq	Bayesian Approach to Building Footprint extraction and 3D Modelling from High Resolution Satellite Imagery	Sadeq,H., Drummond,J.,Li,Zhenhong.
	10. Georgios Maniatis	Constraints on the accuracy of mobile environmental sensors	Maniatis,G., Hoey, T., Sventek,J., Hodge,R.
	11. Philip Cross	Simulating the Pulse of the City: Using a Combined Approach for Modelling Commuter Patterns	Harland,K., Birkin,M., Martin,D.
	12. Seraphim Alvanides & Godwin Yeboah	Profiling and visualising activity spaces of urban utility cyclists	Alvanides,S., Yeboah,G.
2B - Data Mining, chair: Claire Ellul	presenters:	09:00 - 10:30 (Thurs. 17/4/14)	WOLFSON MEDICAL BUILDING - Gannochy Room
	13. Robin Frew	Data usability from an end-user perspective: assessing contextual quality through accessibility analyses using both commercial and free-to-use resources	Frew,R., Higgs,G., Langford,M., Harding,J.
	14. Bruce Gittings	Creating a Definitive Place Name Gazetteer for Sotland	Gittings, B.
	15. Amy Burden	Using address data to compare accuracy of accessibility to health services	Burden, A., Fry,R., Rodgers,S., Grinnell, D.
	16. Abdullh Eljabri	The application of Remote Sensing and GIS to determine location of oil pollution on the Libyan coast	Eljabri,A., Gallagher,C.
COFFEE		10:30 - 11:00 (Thurs. 17/4/14)	WOLFSON MEDICAL BUILDING - atrium

3A - Health, well-being & disasters, chair: Seraphim Alvanides	presenters:	11:00 - 12:30 (Thurs. 17/4/14)	WOLFSON MEDICAL BUILDING - Yudowitz Room
	17. Joanna Stewart	Does the development of Glasgow's socio-spatial structure explain its excess mortality?	Stewart,J., Mitchell,R., Livingston,M., Walsh,D.
	18. Sarah Wise	Agent Based Modelling and GIS:Exploring our new tools in a disaster context	Wise, S.
	19. Paul Norman	Exploring the links between coal mine locations, socioeconomic deprivation and self-reported health in Great Britain	Norman,P., Green,D., Durham,H., Parslow,R.
	20. Scott Macdonald	Studying Physical Activity in Children's Environments across Scotland (SPACES). Decision making processes using global positioning systems (G.P.S.) and accelerometer data in a geographic information system (G.I.S.)	Macdonald,S., McCrorie,P., Nicholls,N., Hayball,F., Macdonald,L., Ellaway,A.
3B - Citizen Surveyor, chair: William Mackaness	presenters:	11:00 - 12:30 (Thurs. 17/4/14)	WOLFSON MEDICAL BUILDING - Gannochy Room
	21. Neil Harris	Building a Heterogeneous Sensor Infrastructure using a schema-less approach	Harris,N., James,P.
	22. Peter Halls	GIS for post-war reconstruction: take two	Halls,P.
	23. Fernando Sanchez-Trigueros	The treatment of public participation data in environmental impact assessment: setting up smart systems for the synthesis and mapping of vague definitions	Sanchaez-Tirgueros,F., Carver,S., Huck,J., Matt,R., McBride,B., Stumpff,L., Watson,A.
	24. Robin Lovelace	Can social media data be useful in spatial modelling? A case study of 'museum Tweets' and visitor flows	Lovelace,R., Malleson,N., Harland,K., Birkin,M.
LUNCH		12:30 - 13:30 (Thurs. 17/4/14)	WOLFSON MEDICAL BUILDING - atrium

4A - Visualisation, GUIs & web-based GIS, Chair: Jane Drummond	presenters:	13:30 - 15:00 (Thurs. 17/4/14)	WOLFSON MEDICAL BUILDING - Yudowitz Room
	25. Lynnae Sutton	Developing a Pacific Salmon Population Lifecycle Web Mapping Data Portal	Sutton, N.L., Olsen,J.
	26. Wayne Gearey	Utilizing location intelligence for the placement of corporate services	Gearey,W., Trodd,N., Fobes,A.
	27. Philip Nicholson	Art, Science and Geovisualisation	Nicholson,P.
	28. Sheng Zhou	Partition and Conquer: Improving WEA-based coastline generalisation	Zhou, Sheng
4B - Remote Sensing, LiDAR & GNSS, chair: Haval Sadeq	presenters:	13:30 - 15:00 (Thurs. 17/4/14)	WOLFSON MEDICAL BUILDING - Gannochy Room
	29. Xabier Erana	Updating of hydrographic features in topographic base information based on airborne laser scanning data	Erana Beitia,X., Oksanen,J.
	30. Michał Rzeszewski & Jacek Kotus	Supporting movement patterns research with qualitative sociological methods – gps tracks and focus group interviews	Rzeszewski,M., Kotus,J.
	31. Jonny Huck	Towards the Quantification of the Perception of Place	Huck,J., Whyatt,J., Coulton,P., Gradinar,A.
	32. John Lindsay	The Whitebox Geospatial Analysis Tools Project and Open-Access GIS	Lindsay,J.
TEA		15:00 - 15:30 (Thurs. 17/4/14)	WOLFSON MEDICAL BUILDING - atrium

PLENARY Session 5 Interdisciplinary Research, chair: Seamus Coveney	presenters:	15:30 - 17:00 (Thurs. 17/4/14)	BOYD ORR BUILDING - LT2
WELCOME	Professor Maggie Cusack	Interdisciplinary Experiences	Cusack,M.
	33. Patrick Rickles	Identifying Important Geographic Information System Concepts in Interdisciplinary Research: An Analysis of Google Scholar	Rickles,P., Ellul,C.
	34. Jose Munoz-Rojas	A role of (geo)-ICT tools in the implementation of European policies for sustainable development; an experiment with the European Lanscape Convention	Munoz-Rojas Morenes,J., Miller,D., Morrice,J., Horne,P., Donaldson-Selby,G., Wang,C., Papegeorgiou,F., Bell,S.
	35. Philippa Wood (n. Day)	Creating an integrated web-based geographic information renewable energy assesment toolkit	Wood(nee Day), P.

POSTER SESSION & RECEPTION coordinator Hisham Abdul Magid	SPONSORED BY ORDNANCE SURVEY	17:00 - 18:30 (Thurs. 17/4/14)	WOLFSON MEDICAL BUILDING - atrium
	36. David Egginton	Common Usability Issues within Web GIS for Public Information Provision"	Egginton,D., Turner,O., Wicks,T.
	37. Thomas Murphy	Commuting to Work in England and Wales in 1991 and 2001	Murphy,T., Stillell,J., Buckner,L.
	38. Ramon Pellitero & Craig Frew	Automating the implementation of an equilibrium profile model for glacier reconstruction and equilibrium line altitude calculation in a GIS environment	Pellitero,R., Frew,C., Spagnolo,M., Rea,B., Bakke,J., Hughes,P., Ivy- Ochs,S., Lukas,S., Renseen,H., Ribolini,A.
MOVED TO SESSION 7B	39. Lynnae Sutton	Evaluating Open Source GIS Techniques for Data Manipulation and Web Visualization Of Spatiotemporal Information	Sutton,N.L., Olson,J.
	40. Nadeem Fareed	Intelligent High resolution Imagery - labelling objects	Nadeem Fareed
	41. Navena Dragicevic	Erosion Model Sensitivity to Land Cover Inputs: Case Study of the Dubracina Catchment, Croatia	Dragicevic,N., Whyatt,D., David,G., Karleusa,B., Ozanic,N.
	Selection of MSc student posters		
CONFERENCE DINNER & CEILIDH	University Hospitality Services & Stravaig!	Dinner: 19:00 - 21:00 Ceilidh: 21:00-c. 23:30 (Thurs. 17/4/14)	BUTE HALL

Friday 18th April

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6A - Demography, chair: Mike Shand	presenters:	09:30 - 10:30 (Fri. 18/4/14)	WOLFSON MEDICAL BUILDING - Yudowitz Room
	42. Chris Brunsdon	An Open Source Geodemographic Classification of Small Areas In the Republic of Ireland	Brunsdon,C., Charlton,M., Rigby,J.
	43. Paul Brindley	Mapping Urban Neighbourhoods from Internet Derived Data	Brindley,P., Goulding,J., Wilson, M.
	44. Behnam Firoozi Nejad	Assessing the accuracy of Population Sub-Group Surfaces	Behnam Firoozi Nejad, Lloyd,C.
6B - Modelling & data structures, chair: Jane Drummond	presenters:	09:30 - 10:30 (Fri. 18/4/14)	WOLFSON MEDICAL BUILDING - Gannochy Room
	45. Dongliang Peng	Watch Your Data Structures!	Dongliang Peng, Wolff,A.
	46. David Forrest	Usability of Open Source Data for National and Regional Atlas Mapping	Forrest,D.
	47. Mohammad Shahadat Hossain	Mediator based architecture to address spatial data heterogeneity	Md. Hasan Hafizur Rahman, Rashed Mustafa, Md. Shahadat Hossain
COFFEE		10:30 - 11:00 (Fri. 18/4/14)	WOLFSON MEDICAL BUILDING - atrium

7A - Transport, chair: David Miller	presenters:	11:00 - 12:00 (Fri. 18/4/14)	WOLFSON MEDICAL BUILDING - Yudowitz Room
	48. Nick Bearman	Modelling the school commute for 7.5m students over 4 years using data from the school census	Bearman,N., Singleton,A.
	49. Saleh Altwaijri	Analysing the Frequency of Traffic Crashes in Riyadh City Using statistical models and GIS	Saleh Abdulaziz Altwaijri
	50. Jing Ma	Spatial microsimulation of transport CO ₂ emission in Urban Beijing, 2000-2010	Jing Ma, Harland,K., Mitchell,G.
7B - Multidimensional GIS, chair: Patrick Rickles	presenters:	11:00 - 12:00 (Fri. 18/4/14)	WOLFSON MEDICAL BUILDING - Gannochy Room
MOVED TO SESSION 1A	51. Chen Wang	3D Modelling of offshore wind farms for the west coast of Scotland	Chen Wang, Miller,D., Yang Jiang, Donaldson-Selby,G., Horne,P., Morrice,J.
	52. James Haworth	Graphical LASSO for local spatio-temporal neighbourhood selection	Haworth,J., Tao Cheng
MOVED FROM POSTER SESSION	39. Lynnae Sutton	Evaluating Open Source GIS Techniques for Data Manipulation and Web Visualization Of Spatiotemporal Information	Sutton,N.L., Olson,J.
	53. Martin Charlton	Estimating missing data in hierarchical space-time series with a short temporal extent	CharltonM., Brunsdon,C., Cahalane,C., Pforte,L.
KEYNOTE, Jane Drummond	chair: Professor Alias Abdul Rahman "3D GIS Research - Current Status and Perspectives"	12:05 - 13:00 (Fri. 18/4/14)	BOYD ORR BUILDING - Lecture Theatre 2
LUNCH		13:00 - 14:00 (Fri. 18/4/14)	WOLFSON MEDICAL BUILDING - atrium
CLOSING & PRIZE GIVING	David Forrest & Bruce Gittings	14:00 - 15:00 (Fri. 18/4/14)	BOYD ORR BUILDING - Lecture Theatre 2