JDiBrief - Analysis

Street Networks and Risk: RESOURCES (5 of 5)

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GENERAL RESOURCES

- SANET: http://sanet.csis.u-tokyo.ac.jp
- GeoDaNet: https://geodacenter.asu.edu/software
- ArcGIS network analyst
- Urban Network Analysis: http://cityform.mit.edu/projects/urban-network-analysis.html
- NetworkX package for Python: http://networkx.github.io/

DATA SOURCES

- Ordnance Survey: http://www.ordnancesurvey.co.uk
- OpenStreetMap: http://www.openstreetmap.org

A SELECTION OF ACADEMIC PAPERS AND BOOK CHAPTERS

- Andresen, M. A., & Malleson, N. (2011). Testing the stability of crime patterns: Implications for theory and policy. *Journal of Research in Crime and Delinquency*, 48(1), 58-82.
- Davies, T, & Johnson, S.D. (2014). Examining the Relationship Between Road Structure and Burglary Risk Via Quantitative Network Analysis. *Journal of Quantitative Criminology*, Advance online access.
- Johnson, S. D., & Bowers, K. J. (2010). Permeability and burglary risk: are cul-de-sacs safer?. *Journal of Quantitative Criminology*, 26(1), 89-111.
- Johnson, S.D., and Bowers, K.J. (2013). How guardianship dynamics may vary across the street network: A case study of Residential Burglary. In S. Ruiter, W. Bernasco, W Huisman and G. Bruinsma (Eds.) *Eenvoud & Verscheidenheid: Liber amicorumvoor Henk Elffers*. Amsterdam: Wrije Universiteit Amsterdam.
- Partridge, H. (2013). Hot Routes. JDiBrief Series. London: UCL Jill Dando Institute of Security and Crime Science. ISSN: 2050-4853. Available from www.jdibrief.com