

Introduction to Spatial Analysis in Public Health and Healthcare

Training Course
19th September 2012
University of Dundee



Location: University of Dundee, Scotland (Dalhousie Building, Main Campus, IT Suite 2).

Presented by: Sanjeev Sridharan, Associate Professor, University of Toronto

This one day workshop will describe the basics of spatial analysis to help make sense of spatial patterns. Both methods of exploratory and confirmatory spatial methods will be discussed. The workshop will be highly intuitive and no prior formal background in spatial analysis is assumed.

Concepts to be covered include

- (a) Key concepts of spatial patterning
- (b) Spatial dependence and spatial heterogeneity
- (c) Exploratory spatial data analysis
- (d) Spatial regression
- (e) Substantive explanations for spatial patterning--examples from the literature

GeoDa software is recommended. Workshop participants are asked to bring their laptop to the class with GeoDa software downloaded (it is available free at <https://geodacenter.asu.edu/software/downloads>). IT suite computers and accounts will be available and currently have GeoDA 0.9.5-i5 loaded.

Registration: This one day workshop will be offered free of charge, lunch included.

Directions to Venue:

http://www.app.dundee.ac.uk/campusmap/?id=000480f7f8073c3ccc8ab#uod_content

Contact: ship@st-andrews.ac.uk to register your interest.



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