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"The point of view of the geographer: Computing spatial complexities"

Geography is by essence an integrative discipline. Hence, if geographical data are often shared with different domains, their specificity is that they are geocoded and located in space. The complexity of the geographical data/problems are an enormous challenge for more « conventional » statistical methods. By one example, we here show some specificities of the spatial analyses and particularly insist on the size of the data sets, the complexity of the reality to be modelled, the numerous biases introduced in modelling (spatial aggregation (scale), spatial sampling, spatial dependency) and the links between statistical analysis and geographical information systems (G.I.S.).

SMCS Launch Day, April 30, 2010