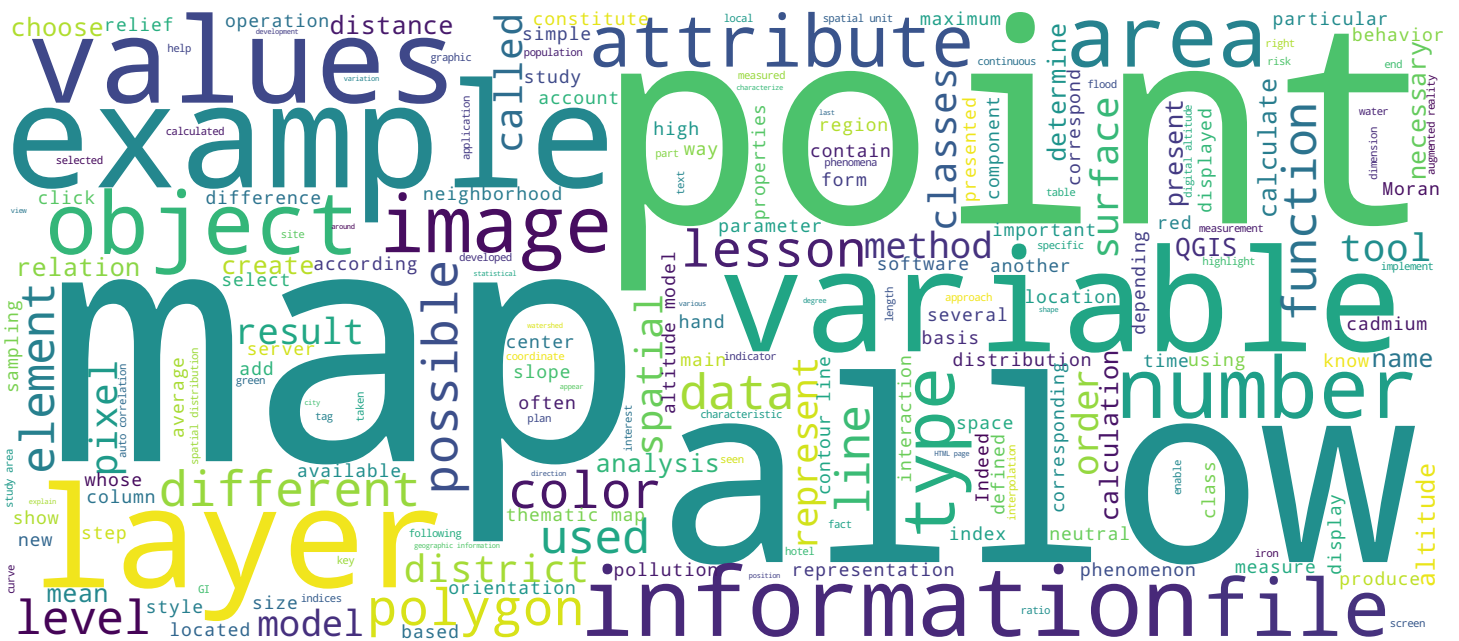


Summary

Autocorrelation and spatial dependence

Geographic Information Systems

Stéphane Joost, Marc Soutter, Fernand Kouamé, Amadou Sall



Search MOOC



Video



Summary



An Introduction to Geographic Information Systems

Now you know what spatial dependence is. Near objects are more likely to interact with each other than to do so with distant objects. Some attributes can be influenced by characteristics of the environment and therefore the geographic space is not neutral. This highlights a paradox since the statistical tools we use most often require this space to be neutral. It is therefore on a random drawing of the objects that constitute the georeferenced datasets, that must carry the calculations. We will see in the next lesson how to implement a spatial auto-correlation measure and then how to determine its significance.

Notes

Summary



0m 04s