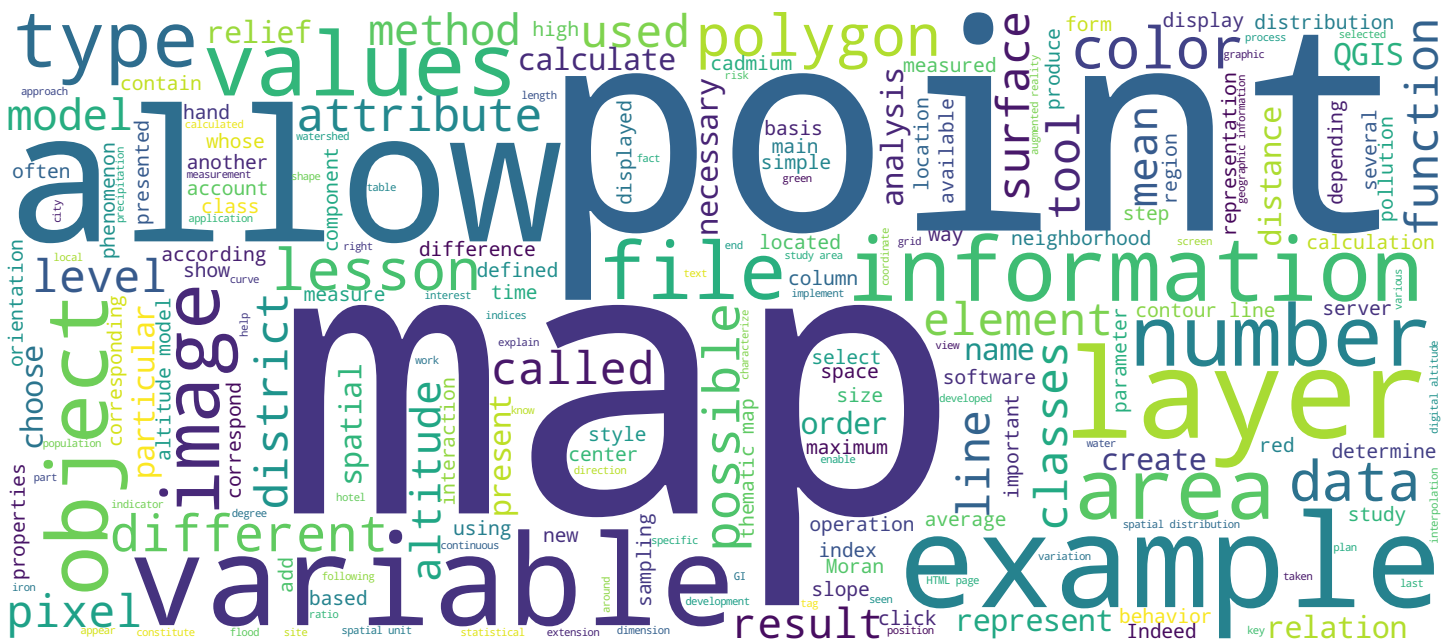


Summary

Continuous Spatial Phenomena - Isovalues

Geographic Information Systems

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Summary

- Isolines are commonly used to represent a range of variables, such as: altitude, atmospheric pressure, or precipitation.
- They can be created from a grid of interpolated values, from a triangulated model, or from any other raster format.
- Linear interpolation
- Can easily be created in QGIS with the tool: *Raster > Extraction > Contour*



The isovalue curves are commonly used for different applications, in particular the visualization of the relief with the contour lines, but also in meteorology with the isobars, the isohyets or the isotherms. These isolines can be easily created by means of the linear interpolation, on the basis of any grid of measured or interpolated values. In the QGIS software, it is the "contour creation" function in the "raster" menu, then "extraction", which allows to implement this operation. This concludes this second week dedicated to continuous spatial phenomena. Next week, we will discuss the numerical models of altitude.

Notes

Summary

