

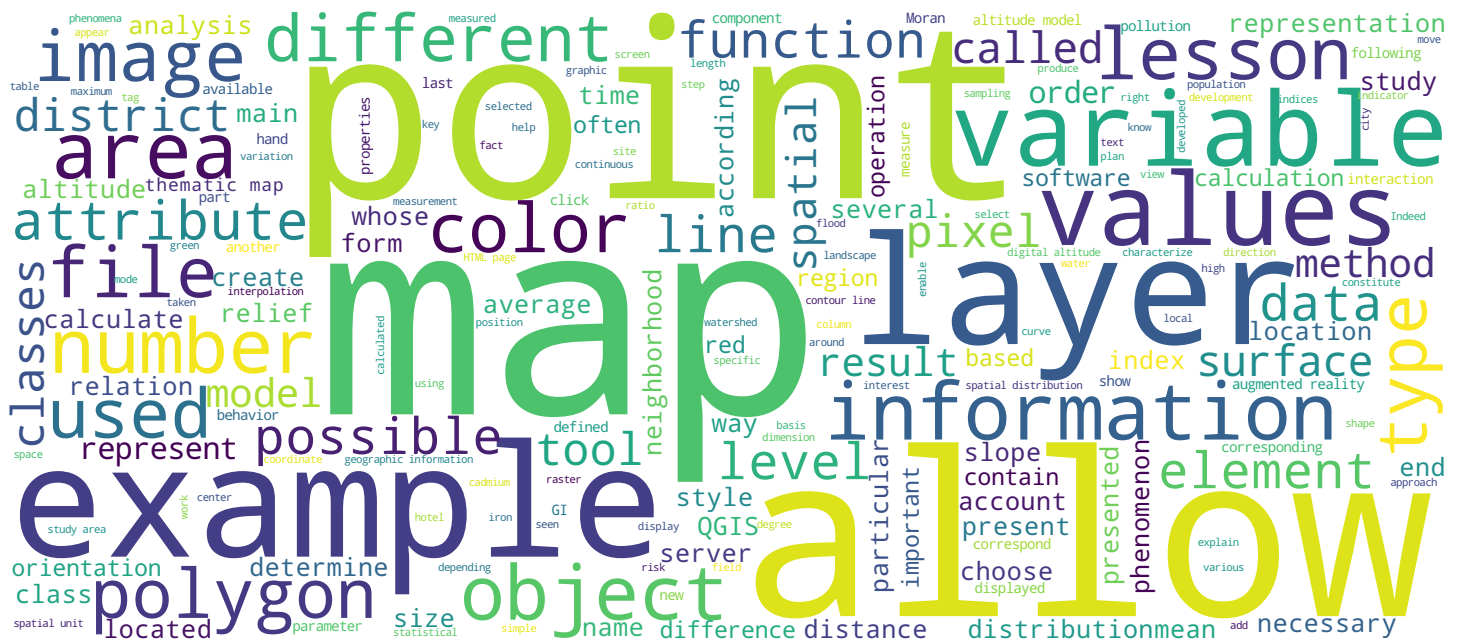
Summary

Other Forms of Representation

Future Prospects: GIS and Augmented Reality

Geographic Information Systems

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Summary



- Prospects: combine augmented reality and geographic information
- Quickly evolving discipline: efficient and reliable imagery and computing
- Role of geographic information: trigger or spatio-temporal tag
- Many fields of application, most notably in navigation:
 - Aerial, marine, submarine, automobile, pedestrian

Geographic Information Systems

There you go ! We are at the end of this lesson, the last of this introduction MOOC to the GIS. By way of perspectives on the modes of exploitation and representation of geographic information, we have presented you how it is possible to combine the augmented reality technology with spatial information. This area is evolving a lot on one hand thanks to extraordinary progresses of image technologies and, on the other hand, thanks to the enormous increase in calculation capacity of computer equipments. Geographic coordinates are used in algorithms which run in a loop to coordinate data flows between the equipments which allow to augment the reality with virtual objects. These can appear at the right time and in the right place thanks to the location of the users who are equipped with tablets or smartphones and who move in the landscape. We have illustrated this coupling with an application dedicated to the inventory of biodiversity and an educational aid scheme but there are many possible fields of application, mainly in the fields of air, marine, road and pedestrian navigation. So thank you for following this online course until the end and good luck for the rest of your studies or for the implementation of this new knowledge.

Notes

Summary



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