



The GITTA Open Educational Research Approach or "how to provide e-lessons for everyone?"

GIS tasks: managing data

Geodata collection has a long history. Beginning in the 15th century people started to create maps, especially for orientation and navigation on land and sea, later on to mark off private property and political sovereignty, eventually creating the first surveys.

In recent years however, there has been a transition from the dynamically generated and interactive views of information technology, application areas for GIS environmental science, hydrology and kinds of data such as population numbers today forms the core of any informa-

Data types: Raster

In a GIS, we can differentiate space, each stored as country boundaries (grid of pixel-filled data types can precision

Spatial Modeling

Often, we are not only want to know about the

Relation in space

Which buildings in Bern are inside the identified flood plains flooding by the Aare?

A B

A B

A 1 B C

While a computer-aided mapping system may represent a road simply as a line (arc/segment), it has to recognize that road as the boundary between two buildings and two other roads. This allows "finding" operations.

Project partners

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