



The Cartographic Visualization of Processes and Changes:
“Case study of changes over the years in the city of Vienna”

○ OBJECTIVE:

The main objective of the current topic is to focus on the cartographic processes and the design steps of map abstraction. The topic will take in consideration different fields of studies, while including cartographic elements on each of them. The theoretic part will also be supported by a case study in the city of Vienna.

○ DESCRIPTION:

When it comes to today's maps, they can be produced or created throughout a wide range of tools. The cycle of creating a map begins with the environment or what surrounds us. Through the technology, with specific tools, a map creator uses the perception to detect patterns and visualize them on a map. Here a lot of attempts to visualize are used, including generalization, symbolization, selection or simplification. This describes the cartographic process or as a fundamental concept of map abstraction.

There are a lot of different ways of describing a process or identifying a simple change. In general, every field has a different term for that. Cartographic processes are identified as causal models, while the territory or the map itself are not described as that. Technically maps always have a cause-and-effect process on why they are created.

Changes and processes might have some other meaning behind and there is the possibility of other methods that can represent them. Maps have the ability to be visualized in different ways, but can there exist another way that does not only describe the process. Can there be another way to show changes in the city of Vienna for example?