

ABSTRACT

Over the few last decades the maps cartography has gone through big changes. The significant role in this process played a computer technology that has brought for instance a quicker way of creating maps but also the possibility to create really dynamic maps. Capture of dynamic processes through dynamic maps provides a better insight into what is happening around us than what might be obtained from the statistic maps.

The aim of the dissertation is to create animated maps that will be documenting the course of the transport in Kladno.

The introduction part is concerned with the characteristics of dynamic features, with the focus on animation, which is the main subject of the dissertation. This followed by literature search providing an overview of both domestic and foreign cartographic works containing the features of a cartographic animation and dynamic maps. There is also provided an overview of general cartographic works or thematic cartography. However, the search made is not limited only to cartography publications but it is also concerned with classification and the description of animations placed on the Internet. A linked methodology provides an overview of the used methods and procedures when making cartographic animation. The practical part describes creating animated maps of the transport in Kladno from the content, composition, software provision or animation functionality point of view. Animation extension control is documented by the display of dialogue windows.

The conclusion of the dissertation focuses on the dispute concerning suitability or unsuitability of the used software for creating of animated maps, on the problems occurred or final animations evaluation. The animations made are attached to the dissertation in the digital form.