MULTIMEDIA TECHNOLOGIES FOR COMPARISON OF HISTORICAL MAPS

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Interactive multimedia technologies at work with historical maps can be used in two directions:

1) the organization and visualization;

2) interactive possibilities and processing with historical maps; thus giving the chance to show much more visually investigated territory in many foreshortenings also that is very important - don't demand special preparation of the user.

To advantages of use of multimedia technologies in historical cartography it is possible to carry storage of great volume of the most different information on one data storage and in an independent mode; increase (detailed elaboration) at the screen of the whole image or its most interesting fragments; allocation in the text accompanying the image or other visual material of "hot areas" on which immediate reception of help or any other explanatory information is carried out; connection to a global network the Internet; interactive dialogue;"easy "navigation and an exit to the basic menu; the friendly interface providing ease of work with the project; project change-over (addition of the new information or its removal). Multimedia technologies to the greatest degree meets the requirements, shown to modern interactive functions and possibilities of software products, possessing thus still a number of advantages before other illustrative materials. In multimedia it is possible to offer the situations close to a reality (using a sound, illumination, perspective images, moving and other special effects). Existential processes which for the present, as a rule, are represented in the static form or by means of series of historical maps, can be presented in the animation-visualized kind that would promote availability of understanding of historical process.

This multimedia technologie is based on GIS-project which consists of different historical map. In this GIS all the maps have their own spatial reference and gethered in blocks by time period. All the maps in multimedia application uploaded from GIS like raster data sets.

The user of a multimedia application for work with historical maps has possibility serially to include and disconnect (to reproduce or remove) on the screen of the computer of a map, to increase their scale, to make the interfaced analysis and to vary properties historical (as raster image). In help system of the interactive appendix explanations on the general use and a call of other software products and functions are made.

The multimedia interactive application on work with historical maps - the new information-technological software providing ample opportunities on accumulation, visualization, updating, the analysis and modeling of spatially certain information in the applied and informative purposes.