Possibilities for Application of Lenticular Print in Thematic Cartography

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Lenticular print is a technology that uses lenticular lenses to produce lenticular images with an illusion of depth, or the ability to change or move as the image is viewed from different angles. When applied to cartography, lenticular print could provide numerous possibilities for cartographic representations and exploration of cartographic visualization methods on lenticular medium. Some potential applications will be discussed in this presentation. For example, lenticular medium offers the possibility to introduce autostereoscopic, i.e. three-dimensional view and this has already found its application in three-dimensional relief visualizations. Moreover, the possibility of showing multiple levels of cartographic content on a single space is still not properly explored, although it offers a lot of possibilities for widespread production of thematic maps – like sequential representation of an area that is changing over time, hovering letterings on a multi-lingual map, or simultaneous multi-layered representation of information (streets, public transport, touristic sights) on the city map.

Ključne riječi: lenticular print, thematic cartography

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Possibilities for Application of Lenticular Print in Thematic Cartography

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