



GIS methods used in interpretation of old maps

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The contribution compares two different methods that are used when vectorizing old maps with the aim to analyze land use changes. The first method, so called independent interpretation, lays in vectorization of the maps independently on each other; the second method, so called backward interpretation, uses already vectorized map and adjusts it according to the older basis. The comparison of these two methods consists of positional accuracy from the perspective of interpretation (including character of the interpreted landscape), objectivity/subjectivity during their usage and their use for studies in different scales. Three model areas were used – generalization was applied to two of them (one representing relatively simple and stable area, the other relatively difficult and dynamic area) and no generalization was applied to the third. The old maps used for the analyses were from the 1830s, 1880s, 1950s, 1990s and 2000s.