

Abstract:

This bachelor thesis deals with mobile location data and compares them with censal data. It investigates in three different cases the meaningful value of mobile location data at the level of basic units of settlement in Prague and its surroundings. Part of the work is comparison and cartographic processing of population distribution. The thesis also deals with the processing of daily rhythms of four Prague areas using mobile data and comparison of mobile and censal data on the case of commuting flows to basic unit of settlement Vysoké školy. In the results, mobile data proved to be worthwhile for surface analyzes. However, the value and spatial inaccuracies were assessed as insufficient for detailed research at the level of basic units of settlement.

Keywords: mobile data, mobility, daily rhythms, commuting