

PROBLEMS OF INFORMATION SUPPORT OF ENGINEERING COMMUNICATIONS IN THE CONDITIONS OF DIGITALIZATION OF THE LAND-PROPERTY RELATIONS SPHERE

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The article discusses the reasons for the lack of relevant spatial data, as well as other information about such linear structures as engineering communications. The analysis of problems in this area was carried out on the example of the city of Tomsk, which made it possible to establish the chronology of the duty mapping system development and identify the causes of the existing problems of inconsistency. As examples of the identified problems, we have illustrated the frequent cases of data inconsistency between resource supplying organizations and the cartographic support of the city, which negatively affects the management and rational use of urban areas. Conclusions are made about the possibility of solving this issue based on the analysis of the spatial situation with the involvement of new volumes of information from interested organizations and its integration into a single geospace.

Keywords: geographic information systems, underground space, digital transformation, linear structures, engineering communications, Tomsk

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