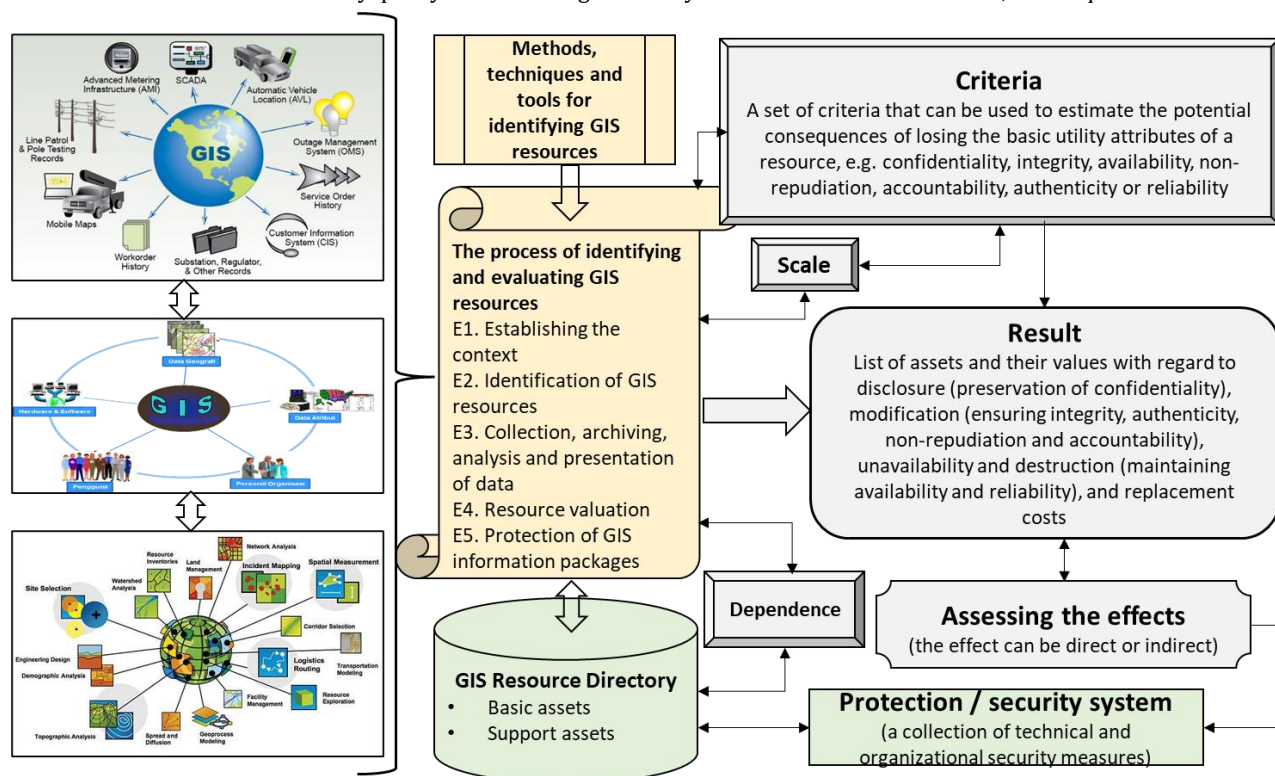## Methods, techniques and tools for identifying GIS resources for the purposes of measuring security, quality and risk
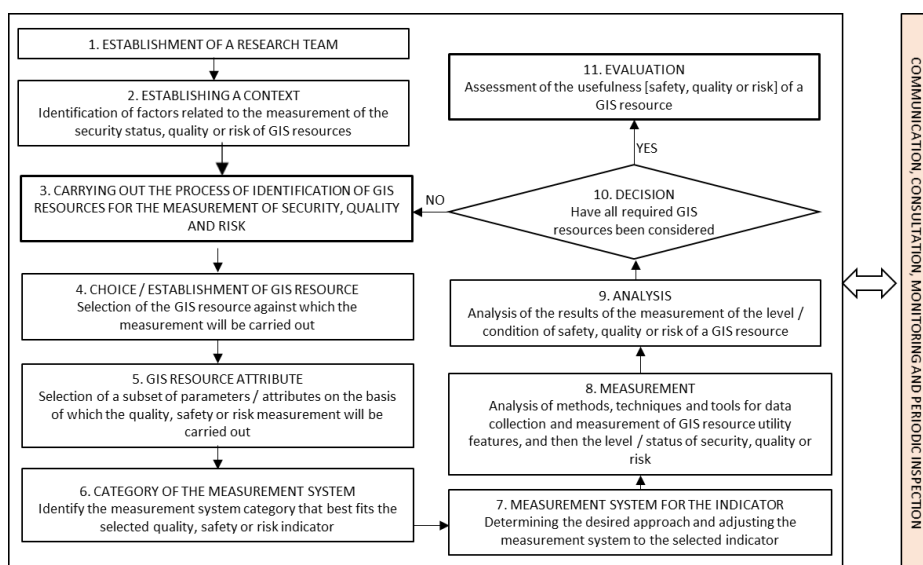
This work is an attempt to develop and characterize the instruments and approaches to the problem of identification, protection and quality of information processed in GIS class systems. One of the issues that causes the most problems in the process of identifying GIS resources for the purposes of measuring security, quality and risk is the proper selection of methods, techniques and tools for collecting and processing various types of data in relation to these resources. In the process of identifying GIS resources, there is no "reserved" list of research methods and techniques only for it. It uses all - quantitative, qualitative and mixed - approaches and methods used in different studies. When designing the appropriate set of methods, techniques and tools in the GIS asset identification process, you should also remember to collect only the data that is really necessary. The proposed methods, techniques and tools taking into account all the features, properties and determinants of GIS resources necessary to measure their safety, quality and risk. A set of tools for identifying GIS resources has been proposed, the implementation of which will significantly contribute to increasing the level of security, reliability and quality of these resources. The proposed elements of the set, justified theoretically, can be improved, and the set extended with other elements of the security policy. Far-reaching flexibility in the selection of methods, techniques and tools for

identifying GIS resources is postulated.

The process of identifying and evaluating GIS resources for the purpose of measuring security, quality and risk

Methodology of measuring the security, quality or risk status of the GIS information resource

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