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Study of the evaluation index system of the smart city spatial-temporal information cloud platform

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Since the "Smart City Spatial-temporal Cloud Platform Construction" was launched by State Bureau of Surveying and Mapping in 2012, there are more than 40 cities had been initiated as pilot and started the construction. Meanwhile, some cities with a favorable foundation for digital city geospatial framework, are also transforming to smart city by upgrading platform, reinforcing application and starting intelligent construction, etc. Facing such a huge scale of construction, specific evaluation index and method should be determined to evaluate whether the cloud platform is smart, and how the degree of smartness and effectiveness the cities have, and based on the evaluation index, constructors can design construction content at the beginning, implement construction plans in the middle, and assess work at the end. Only in this way, the construction project can have the desired effects in practice. Therefore, to evaluate the intelligent capability and actual effect brought by the construction, this paper researched and proposed the framework of evaluation index system and evaluative factors for smart city spatial-temporal information cloud platform construction, and then marked the tests in pilot cities. Next, we will continue to analyze tests results and revise and perfect it, and facilitate the construction of smart city spatial-temporal cloud platform in a healthy, orderly and scientific way.

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