

## **METHODS AND PROCEDURES PROPOSAL FOR LOCAL SPATIAL DATA INFRASTRUCTURES MONITORING**

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**ABSTRACT:** Over the last decades several national, local, thematic and corporative Spatial Data Infrastructures (SDI) development initiatives has been developed. The development of these critical (digital) infrastructures requires considerable amount of time, energy, and financial resources. Therefore, there is a need for assess and monitoring continuously the theoretical references, the practices, results and impacts of different SDI initiatives associated with the implementation of management systems, quality assurance and SDI assessment processes certification.

This research proposal aims to define/support an operational SDI assessment/monitoring model at conceptual, content and instrumental level to will test in different case studies. In present research phase, we explore assessment approaches/concepts, define and implement assessment indicators and establish data collection procedures. The indicators chosen will contribute to SDI assessment model implementation in a collaborative platform, to support indicators (semi)automatic capture, user's profiles definition, results analysis and communication.

**KEYWORDS:** spatial data, assessment, development, indicators, results analysis and communication.