Informational Urbanism. A Conceptual Framework of Smart Cities

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**Description**
Contemporary and future cities are often labeled as “smart cities,” “digital cities” or “ubiquitous cities,” “knowledge cities,” and “creative cities.” Informational urbanism includes all aspects of information and (tacit as well as explicit) knowledge with regard to urban regions. “Informational city” (or “smart city” in a broader sense) is an umbrella term uniting the divergent trends of information-related city research. Informational urbanism is an interdisciplinary endeavor incorporating on the one side computer science and information science as well as on the other side urban studies, city planning, architecture, city economics, and city sociology. In this article, we present both, a conceptual framework for research on smart cities as well as results from our empirical studies on smart cities all over the world. The framework consists of seven building blocks, namely information and knowledge related infrastructures, economy, politics (e-governance) and administration (e-government), spaces (spaces of flows and spaces of places), location factors, the people’s information behavior, and problem areas.