

عنوان مقاله:

Orchestrating Spatial Information Infrastructures for Sustainable Smart Cities in Australia

محل انتشار:

نهمین کنفرانس و دومین کنفرانس برنامه ریزی و مدیریت شهری (سال: 1399)

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خلاصه مقاله:

This paper highlights the role of spatial information infrastructures in sustainable smart cities through a smart and spatially-connected governance lens. City officials have been heavily pressured for innovative electronic governance to provide greater efficiency, community leadership, mobile work and citizen services enabling smart governance, including facility and asset management, urban cleanliness and waste management, environmental monitoring, public works approval, housing and building permits, and others. Australia's growth as a knowledge-based economy, and the prosperity of the nation goes hand-in-hand with the growth of large cities and surrounding areas. Knowledge-based economy relies on the successful concentration of industries and organisations in certain places. In order to provide success in the 21st century economy, Australian cities including other cities around the world need to be productive and accessible, but they also need to be liveable with clear focus on serving their citizens. To respond to this growth, and the use of economic opportunities in future, governments at all levels must rethink in the way of cities are planned, built and managed today by developing a long term robust scientific framework. Good cities attract, maintain and develop increasingly mobile talents and organisations, encouraging them to innovate, create jobs and support growth. While opportunities for the cities, congestion and traffic were not higher, poor access to jobs and services (e.g. natural environment), reduced housing affordability and increasing pollution can challenge the quality of life they offer. A smart investment that allows partnerships between governments and the private sector that can deliver better infrastructure sooner within budget constraints. The global lesson is that cities collaborate to compete. Success requires all levels of governments, private sectors, and communities to cooperate with each other towards common goals. Basically, the policy of better cities with the commitment of all levels of administration starts to work together to provide common goals, including reforms that make the cities easier to invest in and do business.

کلمات کلیدی:

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