

Abstract

Urban expansion in cities has been one of the most discussed issues for decades, and with proper planning of countries towards sustainable implementation of planning policies and infrastructure to suit the environment of the present and future developments, more research has emerged on effective ways to manage expansion, reduce its side effects and improve standards. Health for humanity, and achieving sustainable growth for cities.

The greatest appreciation at this stage is due to the technological progress that has helped to speed up the restructuring of cities, and to face the challenges of expanding cities around the world, there has been a need for development approaches such as smart concepts, infrastructure enhancement, and other intervention mechanisms that can mitigate the challenges of urban growth and achieve... sustainable development. The quest to provide solutions to these spatial development challenges and achieve sustainable urban development in developed and developing countries has led to the creation of “smart infrastructure development” thinking, where smart development is described as the philosophy of physical development and planning activities that create effective land use development, infrastructure adequacy, and a sustainable environment that Technology driven.

Here it is worth mentioning that infrastructure is the main factor in the expansion and direction of cities. These structures determine the ability of cities to expand and accommodate the numerical increase in their population and the subsequent services and increase in pressures on infrastructure networks. Therefore, this research is considered a scientific contribution to benefit from by formulating standards for strengthening infrastructure. Smart infrastructure in managing city expansion by taking advantage of theoretical studies and international and Arab

experiences in the framework of managing city expansion through infrastructure and to benefit from the existing capabilities in the city of Homs for the future vision of expansion towards the areas studied by the state, and the extent of their suitability and susceptibility to this expansion.