

Smart technologies and smart cities - opportunities and constraints

Anthony G.O. Yeh

Department of Urban Planning and Design

The University of Hong Kong

Pokfulam Road

Hong Kong SAR, China

Anthony.Yeh@hku.hk

In recent, with the advancement of internet to smart phone technologies, many cities are implementing smart cities as one of the focusses of their development. They are making use of the new sensors and smart phones social media to collect, analyze, and disseminate information. This paper will discuss the available smart technologies, both hardware and software and how they can contribute to the development of smart economy, mobility, environment, people, living, and governance. It will further discuss the opportunities of integrating these technologies for achieving the long established sustainable development objectives in urban planning and development. It will also discuss the constraints in using these smart technologies in urban planning and development.