

Special Issue on Geomatics Technologies for the Realization of Smart Cities

Call for Papers

A smart city is an urban area that uses different types of smart sensors to obtain different data for assets and resources management in a very effective and efficient way. At present, smart cities are a hot research field in line with the worldwide trend of sustainable development. In the process of smart city construction, geomatics is an indispensable technology. Meanwhile, combined with various smart sensors, artificial intelligence, time and space big data, and other technologies, geomatics is conducive to making the construction and management of smart cities more efficient and accurate. The purpose of this Special Issue is to highlight the significance and contribution of geomatics to the construction of smart cities. It focuses on theoretical and experimental studies on urban infrastructures, urban underground space, indoor and outdoor positioning, the detection and analysis of changes in the urban environment, and self-driving and urban traffic, which can provide effective solutions and development models for the construction and management of smart cities.

Scope:

- Self-driving HD maps
- Deformation monitoring and evaluation of urban infrastructures
- Indoor and outdoor positioning, environment monitoring
- Big data of urban transportation
- Construction and application of urban underground space models
- Detection and analysis of changes in urban environment

Submission due date: ~~Jul 31, 2020~~ extended to **September 30, 2020**

Publication date (planned): Oct 31, 2020

Journal website: <http://myukk.org/>

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If you have any questions, please feel free to contact the editorial staff at the address below.

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