

SPECIAL ISSUE ON SENSING, INTERACTION, AND FUSION TOWARDS SMART CITIES

PREFACE



A smart city is a new concept of future urbanization based on sustainable development requirements of the global environment and modern cities. It is the combination of urban development and new information technologies such as the Internet of Things, cloud computing, and big data. The interaction between the information world and the physical world continues to iterate, evolve, and form a feedback system. How to sense, interrelate, and fuse the data in smart cities becomes a core problem.

We explored new frontiers and challenges in the field of smart cities, focusing on sensing, interaction, and fusion towards smart cities including intelligent transportation, intelligent energy system, intelligent buildings, intelligent logistics, and intelligent manufacturing. This special issue contains 11 research papers that present different smart city solutions implemented in real-case scenarios. Research results may help academia and industry to explore new directions and generate knowledge and solutions towards establishing smart cities.

I would like to thank all authors, reviewers, and everyone who have helped in the editorial process. Special thanks go to Ms. Misako Sakano, Editorial Department of MYU K.K., for her kind support in the publication of this special issue of *Sensors and Materials*.

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