Special Issue

Concurrent Positioning, Mapping and Perception of Multi-source Data Fusion for Smart Applications

Message from the Guest Editors

Established techniques conducted particularly either positioning (e.g., GNSS) or mapping (e.g., imagery). Advances in emerging sensors, miniaturized mobile platforms (e.g., robot), artificial intelligence methods (e.g., deep learning), and data fusion algorithms allow us to develop multi-source integrated technologies for positioning, mapping and spatial perception in concurrent approaches, which resolve localization of mobile platforms/objects, and simultaneously mapping and understanding the environment. Such concurrent techniques will enable a variety of mobile intelligent systems and applications The Special Issue on "Concurrent Positioning, Mapping and Perception of Multi-Source Data Fusion for Smart Applications" accepts papers dealing with the following topics of interest (but is not limited to them):

- Ubiquitous positioning and localization across indoor and outdoor environments
- Mobile mapping and digitalization of indoor and outdoor spaces
- Intelligent spatial perception
- Simultaneous and reciprocal positioning, mapping and perception of indoor/outdoor environments
- Smart mobility systems and applications

Guest Editors

Prof. Dr. Jingbin Liu

Prof. Yuanxi Yang

Prof. Dr. Juha Hyyppä

Prof. Dr. Naser El-Sheimy

Deadline for manuscript submissions

closed (30 April 2019)

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Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

mdpi.com/journal/remotesensing

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

Editor-in-Chief

Dr. Prasad S. Thenkabail
Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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