

## Special Issue

# Positioning and Navigation in Remote Sensing

### Message from the Guest Editors

GNSS has become an essential system in vital applications and new applications are rapidly emerging. These applications require the development of algorithms, frameworks for processing, inclusion of augmentation data, and implementation of quality control and integrity monitoring methods.

Experimentation is necessary to validate the use of these methods. In this Special Issue, we are looking for articles that describe the new methods and their testing, or experimentation of existing methods on new applications, showcasing the potential, advantages or limitations of using GNSS in the above applications. The range of applications considered is wide, but advanced ambiguity resolution and PPP are the main areas of interest. We will also consider approaches that can enhance existing methods by providing correction and integrity services, such as land- or satellite-based augmentation systems. Moreover, since positioning is denied or degraded in challenging GNSS environments, such as urban areas, despite being of high interest to vital applications such as transport, we are interested in the integration of GNSS with other sensors, such as inertial measurement units, lidars, and cameras.

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### Guest Editors

Prof. Dr. Ahmed El-Mowafy

Dr. Amir Khodabandeh

Prof. Dr. Kan Wang

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### Deadline for manuscript submissions

closed (31 January 2021)



## Remote Sensing

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Impact Factor 4.1  
CiteScore 8.6



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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.

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### Editor-in-Chief

Dr. Prasad S. Thenkabail

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