Special Issue

Remote Sensing of Urban Impervious Surfaces: Mapping, Monitoring, and Modeling the Dynamics of Urban Impervious Surfaces with Multisource Remote Sensing Data

Message from the Guest Editors

Impervious surfaces, a major component of urbanized areas, have concurrently increased with rapid urbanization. Urban impervious surfaces have been widely considered as an important index for analyzing urban growth patterns and quantifying the development of urban and suburban areas. Meanwhile, urban impervious surface has been widely applied in the corresponding physical and socio-economic fields, such as urban hydrology study, urban heat island effect, population estimation, population distribution pattern analysis, and its impact on housing prices. Considering the important role that urban impervious surfaces play, the accurate estimation and dynamic monitoring of impervious surfaces have become essential. This Special Issue focuses on new techniques for mapping, monitoring, and modeling urban impervious surfaces. Moreover, we are also interested in studies investigating the impact of urban impervious surfaces on the urban environment. Please find the main topics on the website.

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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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