Special Issue

Remote Sensing to Detect Urban Ecology, to Reveal Provisions of Urban Ecosystem Services and as Basis to Develop Nature-Based Solutions at High Spatial Resolution

Message from the Guest Editor

The ecology of urban areas is increasingly being investigated in the context of the benefits that ecological features deliver to society conceptualized as urban ecosystem services. The basis for the spatial analysis of the ecological potential of existing urban green spaces and of those to be developed is often remotely sensed data. Because of the complex and usually detailed land cover structures in urban areas, a high spatial resolution of information is needed. For this Special Issue, we call for studies that present advances in remotely sensed detection of urban ecological features, innovative methodologies to reveal provisions of urban ecosystem services, as well as approaches to develop and assess nature-based solutions on the basis of remote sensing data at high spatial resolution. Not limited to, but of special interest are urban river corridors and densely urbanized areas with limited ecological functions where retrofitted and multi-functional nature-based solutions are developed and assessed.

Guest Editor

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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

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