



## CALL FOR PAPERS

IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing

### Special Issue on

**“Application of remote sensing on urban renewal and its eco-environment effect”**

The low efficiency of urban land use and insufficient land reservation are inevitable in urbanization. Therefore, the rapid urbanization process is usually accompanied by urban renewal. The purpose of urban renewal is to demolish, transform, invest and construct the ruined area in the city, and replace the functional decaying material space with new urban functions to make it develop and prosper again. Because urban renewal can benefit land use efficiency and ecological environmental benefits by changing urban form and development mode, it has gradually become a focus of urban planning and urban sustainable development management.

This special issue aims to collect and highlight recent progresses, current challenges, and future opportunities in the application of remote sensing data and methods on urban renewal and its eco-environment effect, especially in the following topics:

- Newly developed sensor for monitoring urban renewal
- Newly constructed remote sensing index of urban renewal
- Newly produced remote sensing data sets of urban renewal
- Application of new methods and technologies in urban renewal and its eco-environment effect

### Schedule

May 1, 2023

Submission window opening

December 31, 2023

Submission window closing

### Format

All submissions will be peer reviewed according to the IEEE Geoscience and Remote Sensing Society guidelines. Submitted articles should not have been published or be under review elsewhere. Submit your manuscript on <http://mc.manuscriptcentral.com/jstars>, using the Manuscript Central interface and select the **“Application of remote sensing big data on urban climate and human settlement environment”** special issue manuscript type. Prospective authors should consult the site <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8855039> for guidelines and information on paper submission. All submissions must be formatted using the IEEE standard format (double column, single spaced). Please visit [http://www.ieee.org/publications\\_standards/publications/authors/author\\_templates.html](http://www.ieee.org/publications_standards/publications/authors/author_templates.html) to download a template for transactions. Please note that as of Jan. 1, 2020, IEEE J-STARS has been a fully open-access journal charging a flat publication fee \$1,250 per paper.

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