



**CALL FOR PAPERS**  
**IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing**  
**Special Issue on**  
**“Filed Campaign and Validation of Remote Sensing Products”**

Land, atmosphere and ocean remote sensing products retrieved with different inversion models and remote sensing data have been widely applied to climate change, pollution treatment and ecological monitoring, etc. However, even for the single remote sensing product, the types are also numerous. Therefore, the practitioners often pay more attention to the accuracy and the reliability of remote sensing products. Then they can choose the suitable one among many candidates to satisfy the requirement of their missions. Consequently, it is crucial to collect the synchronous surface, atmospheric and ocean characteristic data with the aid of filed campaign to fulfil the validation of remote sensing products.

The aim of this special issue is to collect original articles on the novel validation methods, the filed data measurement strategy, accuracy assessment, etc. It expects to further standard validation technological process to objective evaluate the remote sensing products and help the practitioners to understand the characteristics of each type of remote sensing products.

The broad topics include (but are not limited to):

- Validation of remote sensing product
- Scale conversion
- Cross validation
- Spatial heterogeneity evaluation
- Characteristic evaluation of filed campaign site
- Uncertainty analysis of remote sensing product
- Standards and specifications of filed campaign and validation of remote sensing product
- Validation field network system of remote sensing
- Automatic filed remote sensing data measurement system
- New filed campaign instrument of remote sensing

**Schedule**

Jan. 1, 2023 Submission system opening

Jul. 31, 2023 Submission system 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 “**Filed Campaign and Validation of Remote Sensing Product**” special issue manuscript type. Prospective authors should consult the site <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9082768> 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 become a fully open-access journal charging a flat publication fee \$1,250 per paper.

**Guest Editors**

Yong Xie, Nanjing University of Information Science & Technology, China, ([xieyong@nuist.edu.cn](mailto:xieyong@nuist.edu.cn))

Zui Tao, Aerospace Information Research Institute, Chinese Academy of Sciences, China, ([taozui@aircas.ac.cn](mailto:taozui@aircas.ac.cn))

Jie Han, Xuchang University, China, ([hanjie@radi.ac.cn](mailto:hanjie@radi.ac.cn))