



## CALL FOR PAPERS

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

Special Issue on

“Advances in Pattern Recognition in Remote Sensing”

International Association for Pattern Recognition (IAPR) Commission 7, Pattern Recognition in Remote Sensing, has recently successfully held its biennial workshop. Among the presentations and papers accepted, techniques for information extraction from recent remote sensing data are heavily addressed. A spectrum of fundamental and novel methods were presented based on either classical or advanced, newly developed concepts. In addition, various applications were also attractive to the audience. To further reflect such recent development and highlight its state-of-the-art, the workshop chairs and the commission chairs believe there is a timely need to have a dedicated special issue from our journal. The solicitations are open to extensively updated work from the workshop as well as to brand new submissions from general public. All submissions are subject to rigorous peer review.

The theme of the special issue will be on recent remote sensing advances. Submissions should address the following or closely related topics:

- New sensing techniques and sensor calibration;
- Precise geolocation and registration;
- Fusion of multi modal remote sensing data;
- Segmentation and classification;
- Geospatial object extraction;
- 3D reconstruction;
- Scene interpretation and understanding;
- Novel and high impact applications.

### Schedule

~~May 31~~ November 30, 2019 Full paper submission deadline

May-2020 Publication date

### 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 “Advances in Pattern Recognition in Remote Sensing” special issue manuscript type. Prospective authors should consult the site <http://www.grss-ieee.org/publication-category/jstars/> for guidelines and information on paper submission. All submissions must be formatted using the IEEE standard format (double column, single spaced). For a template in this format please consult the site [http://www.ieee.org/publications\\_standards/publications/authors/author\\_templates.html](http://www.ieee.org/publications_standards/publications/authors/author_templates.html). Please note that IEEE J-STARS applies a mandatory page over length charge of \$200 per page for IEEE GRSS members and \$230 per page for non-members (beginning with page 7 and beyond). As of January 1, 2020, J-STARS will become a fully open-access journal, charging a flat rate of \$1250 for each paper.

### Guest Editors

Jie Shan, Purdue University, USA ([jshan@purdue.edu](mailto:jshan@purdue.edu))

Eckart Michaelsen, Fraunhofer-IOSB, Germany ([eckart.michaelsen@iosb.fraunhofer.de](mailto:eckart.michaelsen@iosb.fraunhofer.de))

Uwe Stilla, Technical University of Munich, Germany ([stilla@tum.de](mailto:stilla@tum.de))

Fenzhen Su, Institute of Geographic Sciences & Natural Resources Research, CAS ([sufz@lreis.ac.cn](mailto:sufz@lreis.ac.cn))