



CALL FOR PAPERS

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

Special Issue on “Hyperspectral imaging and data exploitation: A special issue honoring Prof. Chein-I Chang”

Prof. Chein-I Chang is an important pioneer in the areas of hyperspectral imaging and data exploitation, including many new developments in target/anomaly detection, classification, endmember finding/unmixing, band set/subset selection, compressive sensing, real-time processing, etc. His contributions to these areas have been of great importance, with many highly innovative ideas and techniques that are now currently being used in academia and industries for analyzing and interpreting remotely sensed hyperspectral data. With the special occasion of his 70th anniversary, this special issue honors his contributions by soliciting papers in the main areas in which Prof. Chang has remained active for more than 30 years.

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

The special issue will address (not limited to) the following topics:

- ☼ Hyperspectral target detection/anomaly detection.
- ☼ Hyperspectral image classification.
- ☼ Spectral unmixing of hyperspectral data.
- ☼ Endmember variability/finding/extraction
- ☼ Data dimensionality reduction and Band selection.
- ☼ Data fusion
- ☼ Machine learning and neural networks
- ☼ Compressive sensing
- ☼ Real time hyperspectral data processing.

Schedule

Jan 31, 2021:	Submission system opening
Jun 30, 2021:	Submission system closing
2021:	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 “**Hyperspectral imaging and data exploitation**” 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 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.

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