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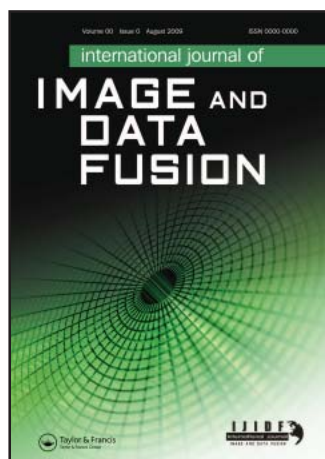
international journal of

IMAGE AND DATA FUSION

Editor-in-Chief:
Prof. Zhang Jixian

Chinese Academy of Surveying and Mapping

The Future of Data Fusion



International Journal of Image and Data Fusion

provides a single source of information for all aspects of image and data fusion methodologies, developments, techniques and applications. Image and data fusion techniques are important for combining the many sources of satellite, airborne and ground based imaging systems, and integrating these with other related data sets for enhanced information extraction and decision making.

Image and data fusion aims at the integration of multi-sensor, multi-temporal, multi-resolution and multi-platform image data, together with geospatial data, GIS, in-situ, and other statistical data sets for improved information extraction, as well as to increase the reliability of the information. This leads to more accurate information that provides for robust operational performance, i.e. increased confidence, reduced ambiguity and improved classification, enabling evidence based management.

This journal focuses on the theory, methodology and applications of image and data fusion, and encourages submission on a broad range of topics such as concept studies, new fusion techniques at different processing levels, image and data fusion architectures, algorithms, and novel applications. Papers addressing fusion needs for data from new or planned platforms and sensors are specifically invited.

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CALL FOR PAPERS

SUBMISSION DETAILS

International Journal of Image and Data Fusion welcomes original research papers, review papers, shorter letters and technical articles in all areas of image and data fusion including, but not limited to the following aspects and topics:

- Automatic registration/geometric aspects of fusing images with different spatial, spectral, temporal resolutions; phase information; or acquired in different modes
- Pixel, feature and decision level fusion algorithms and methodologies
- Data assimilation: fusing data with models
- Multi-source classification and information extraction
- Integration of satellite, airborne and terrestrial sensor systems
- Fusing temporal data sets for change detection studies (e.g. Global Change studies)
- Data fusion applications in fields such as mapping, natural hazard monitoring, environmental security, etc.
- Image and data mining from multi-platform, multi-source, multi-scale, multi-temporal data sets (e.g. geometric information, topological information, statistical information, etc.)

Only electronic submissions will be considered

We are in the process of developing a web-based Manuscript Central site. Electronic submissions should be sent as e-mail attachment in MSWORD format to the Editor at IJIDF@casm.ac.cn

Covering letters should be addressed to the Editor-in-Chief, Professor Zhang Jixian: *International Journal of Image and Data Fusion*

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