



Image Analysis for Remote Sensing Data

A Special Track of the 4th International Symposium on
Visual Computing (ISVC08) www.isvc.net

Scope:

The increase in the number of satellite and aircraft imageries is exponential. Many image processing and image analysis techniques are being developed to aid the interpretation of remote sensing images and to extract as much information as possible from the images. The track aims to bring together researchers and practitioners from image analysis, pattern recognition, remote sensing and related areas. In particular, papers submitted to this track should highlight the synergistic effects of integrating image analysis and remote sensing.

Topics:

Major topics of interest include, but are not limited to:

- Correction of distortions due to the characteristics of the imaging system
- Image georeferencing and geocoding
- Registration of image data to a map grid
- Image to image registration
- Interpretation of digital image data
- Radiometric and geometric enhancement techniques
- Multispectral transformations of image data
- Supervised classification techniques
- Unsupervised classification
- Hierarchical clustering
- Feature reduction and separability
- Data fusion
- Knowledge-based image analysis
- Hyperspectral image data
- Feature reduction and feature selection

Paper Submission Procedure:

Papers submitted to ISVC 2008 Special Track must not have been previously published and must not be currently under consideration for publication elsewhere. Manuscripts should be submitted in camera-ready format and should not exceed **12 pages**, including figures and tables (see <http://www.isvc.net> for details).

All papers accepted will appear in the symposium proceedings which will be published by **Springer-Verlag** in the **Lecture Notes in Computer Science (LNCS)** series.



Important Dates:

Paper submissions	July 21, 2008
Notification of acceptance	September 1, 2008
Final camera ready paper	September 15, 2008
Advance Registration	September 15, 2008
ISVC08 Symposium	December 1-3, 2008

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