

Call for Papers

Session: Analysis of Multi-temporal Remotely Sensed Data: Methods and Applications

Sponsors: Remote Sensing Specialty Group and Spatial Analysis and Modeling Specialty Group

Description:

With the many advances in sensor technologies, massive amounts of multi-temporal remotely sensed data have been acquired from various platforms and become widely available to scientific community. The use of these multi-temporal data presents us an unprecedented opportunity to advance our scientific understanding of various dynamic environmental/ecological processes, systems and phenomena. However, the added temporal dimension also presents special challenges in the data analysis. Thus, there is an increasing need for new methods and applications to make better use of such multi-temporal information. This session invites papers focusing on both methodological and applied research using multi-temporal remotely sensed data. Potential topics for this session may include, but are not limited to:

- Image registration, calibration and correction
- Multi-temporal image classification
- Change detection
- Accuracy assessment and uncertainty analysis
- Multi-temporal LIDAR, SAR and InSAR data analysis
- Land-cover and land-use dynamics monitoring and modeling
- Ecosystem process monitoring and modeling
- Water resources monitoring and modeling
- Vegetation dynamics monitoring and modeling

To present a paper in the session, please (1) register and submit your abstract through AAG, and (2) send your personal identification number (PIN), paper title, and abstract to liu.738@osu.edu by October 27, 2009.

Organizer:

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