

# The 20<sup>th</sup> Biennial Workshop on Aerial Photography, Videography, and High Resolution Digital Imagery for Resource Assessment

Weslaco, Texas, USA  
October 4-6, 2005

Sponsored by  
American Society for Photogrammetry and Remote Sensing  
Hosted by  
USDA-ARS Kika de la Garza Subtropical Agricultural Research Center

Workshop Co-Chairs: James H. Everitt and Chenghai Yang

## Call for Papers

This workshop seeks papers on applications of photography, videography, and high-resolution multispectral and hyperspectral imagery for monitoring and managing agricultural and natural resources. Papers on new imaging systems and innovative applications of GIS and image processing and analysis techniques are also solicited. A special session on remote sensing applications in precision agriculture is planned.

Of particular interest are papers using

- Field spectroradiometers
- Color and color-infrared aerial photography
- Aerial multispectral videography
- Airborne multispectral and hyperspectral imaging systems
- High resolution satellite imagery (IKONOS, QuickBird, & SPOT)
- Multispectral and hyperspectral image analysis techniques
- GIS

For applications in

- Forestry
- Rangelands
- Riparian and wetland areas
- In-stream fisheries habitats
- Water quality
- Agricultural land and crops
- Precision agriculture
- Pest management

- Wildlife, urban, and other resources

## Abstract Submission

Authors are invited to submit abstracts with approximately 250 words by June 1, 2005. Full papers are due before or during the workshop. A conference proceedings will be published on a CD-ROM shortly after the workshop.

All abstracts should be submitted electronically to James Everitt at [jeveritt@weslaco.ars.usda.gov](mailto:jeveritt@weslaco.ars.usda.gov) or to Chenghai Yang at [cyang@weslaco.ars.usda.gov](mailto:cyang@weslaco.ars.usda.gov). If regular mail has to be used, please include a hardcopy and an electronic copy of the abstract to:

*James H. Everitt or Chenghai Yang  
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2413 East Highway 83  
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Tel: 956-969-4812 or 4824  
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## Important Due Dates

Abstract submission: June 1, 2005  
Acceptance notification: July 1, 2005  
Full paper submission: October 4, 2005

Weslaco is located at the south tip of Texas, only 7 miles from Mexico and 60 miles from the Gulf of Mexico. The Texas A&M University's Texas Agricultural Experiment Station is adjacent to the USDA-ARS Weslaco Research Center.