

Posters will be on display from 8:00 am, Wednesday, May 9th through 1:00 pm, Friday, May 11th, in the Florida Ballroom Foyer.

Analysis of the Geometric Accuracy of KOMPSAT-2 MSC Image Data

Doo-Chun Seo, *Korea Aerospace Research Institute*, South Korea
Su-Young Park and Hyo-Suk Lim

Mapping Seasonal Flooding in Sub-Saharan Africa using Temporal Remote Sensing Data

Yaw A. Twumasi, *Alabama A&M University. Department of Plant and Soil Science*

Tommy L. Coleman, Andrew Manu, and Edmund C. Merem,

Rubber Acreage Change Detection using Landsat TM: Linkages to Policies

Mohd Nazip Suratman, *MARA University of Technology*, Malaysia
Gary Bull, Don Leckie, Valerie LeMay, and Peter Marshall,

Geospatial Information Lifecycle and Sources of Error

George Brilis, *U.S. Environmental Protection Agency*

NASA Satellite and Modeling Products to Improve Water Management

David Toll, *NASA/GSFC*

Ted Engman, Lawrence Friedl, Kristi Arsenault, and Joseph Nigro

An Object-based Classification Model for Mapping Agricultural Landcover using Multi-temporal Data

Richard Powell, *Michigan Tech Research Institute*

2000s vs. 1990s Land Cover Change at the Anderson Level I level— A Spatial Frequency and Accuracy Analysis of Kentucky's Land Cover Change Dataset

Demetrio Zourarakis, *Kentucky Division of Geographic Information*

An Expert System Approach to Impervious Surface Mapping using Satellite Imagery and Lidar Data

Jungho Im, *University of South Carolina*

Jinyoung Rhee, Sunghyun Kahng, and Eunhee Kim

Implementing the Commercial Remote Sensing Space Policy

Julia McCartney Deis, *SAIC, U.S. Geological Survey/EROS*

Jeff Danielson, Elizabeth McCartney, and Brenda Ellis

Object-oriented Fire Scar Mapping in Ocala National Forest, Florida

Mary Henry, *Miami University*

Forensic Analysis of Satellite Imagery to Reconstruct Crop Histories

James Hipple, *U.S. Department of Agriculture Risk Management Agency*

Kirk Bryant and Garland Westmoreland

Impact of Agricultural Tillage Practice on Surface Temperature

Kevin Czajkowski, *The University of Toledo*

Hayase Rumiko, Patrick Lawrence, Kathryn Swartz, Philip Haney, and James Coss

Resource Inventory for Functional Assessment of Wetlands in the Hudson River

Susan B. Hoskins, *Institute for Resource Information Sciences*

Eugenia M. Barnaba

Mapping Submerged Aquatic Vegetation: Using Multi-Range Spectral Feature Fitting to Map Deep Submerged Eelgrass in a Turbid Estuary

Steven Steinberg, *Center for Integrative Coastal Observation, Research and Education - Humboldt State*

Judd Chaeli

Optimal Spectral Feature Selection for Detecting Hydric Stress in Centipede Grass (*Eremochloa ophiuroides*)

Maria Jose Garcia-Quijano, *Department of Geosciences, Florida Atlantic University*

John R. Jensen

Software System to Analyze High-resolution Satellite Imagery

Amar Nayegandhi, *ETI Professionals/U.S. Geological Survey*

John C. Brock

Attaining Morphological Statistics of Patch Reefs from Lidar

James Lebonitte, *ETI Professionals/U.S. Geological Survey*

Amar Nayegandhi and John Brock

Phenological Change Detection in Flat and Terrace Paddy using ASTER Satellite Images in Takayama River Basin Area

Din Ara Wahid, Japan

Tsuyoshi Akiyama

Effects of Elevation Datasets on Coastal Inundation Modeling

Nicholas McNamara, *University of Connecticut*

Jason Miller, Mark Hoover, Daniel Civco, and James Hurd

Vegetation Classification of an Oak/Savanna Ecosystem in Central Texas: A Data Fusion Approach

Gayla Mullins, *The University of Texas at Austin Center for Space Research*

Gordon Wells

An Improved Method for Conversion of Airborne Digital Images to Reflectance Images

A. Dewain Davis, *TerraVerde Technologies, Inc.*

Frank R. Schiebe

Using the Watershed Assessment Model to Estimate Surface and Groundwater Nitrate Loadings in the Woodville Recharge Basin, Leon County, Florida

Gregory Mauldin, *Tallahassee-Leon County GIS*

Hyperspectral versus Multispectral Satellite Data for Urban Land Cover and Land Use Mapping: Beijing, an Evolving City

Qiyun Tan, *Department of Geography, University of Western Ontario, Canada*

Jinfei Wang