

**BioEco Forum on Environmental Applications of Remote Sensing**  
*(Empire Room)*

**Thursday May 25, 2000**

- 8:00-8:30 Special Session on Landsat 7  
Moderator: *Dr. Darrel Williams, NASA, GSFC*
- 8:30-9:00 Special Session on Landsat 7 (cont.)
- 9:00-9:30 Special Session on Landsat 7 (cont.)
- 9:30-10:00 BREAK
- 10:00-10:30 Special Session on New Satellite Capabilities  
Moderator: *Dr. Yoram Kauffman, NASA, GSFC*
- 10:30-11:00 Special Session on New Satellite Capabilities (cont.)
- 11:00-11:30 Special Session on New Satellite Capabilities (cont.)

11:30-1:00 **Special Luncheon Speaker** Wardman Park Marriott Hotel  
(Due to limited seating, by invitation only. Contact K. Johnson at inquiry@infointl.com)  
NOTE: Open seating became available on "first come" basis at 11:45 am.

**Biological Applications of Remote Sensing: A Policy Perspective**  
*Dr. Peter Backlund, Office of Science and Technology Policy*

**Moderator for the Remaining BioEco Forum Sessions:**

*Dr. Maury Nyquist, USGS, CBI*

- 1:00-1:30 Remote Sensing Applications using Airborne Multispectral Imagery -  
Reviewing the Present and Looking into the Future  
*Dale R. Johnson, VP, Positive Systems, Inc.*
- 1:30-2:00 The Role of Airborne Multispectral Scanners and Digital Video in  
Operational Remote Sensing  
*Dr. William Anderson, University of Minnesota*
- 2:00-2:30 Information Potential of Imaging Radar for Ecological Mapping and Monitoring  
*Dr. Josef Kellndorfer, CEO, EnviSense Corp.*
- 2:30-3:00 Five Essential Elements for Global Monitoring - A Vision Realized  
*Dr. Gregory Koeln, VP, and Douglas K. Hall, CEO, Earth Satellite Corp.*
- 3:00-3:30 BREAK

- 3:30-4:00 LIDAR: The Equipment and the Technology  
*Mike Renslow, VP, Spencer B. Gross, Inc.*
- 4:00-4:30 The Promise and Pitfalls of Automated Image Classification from High Spatial Resolution Airborne and Satellite Multispectral Digital Imagery  
*Kass Green, CEO, Pacific Meridian Resources*
- 4:30-5:00 Commercial Remote Sensing: New Solutions  
*Dr. Allan Falconer, Executive Director, Mississippi Space Commerce Initiative, University of Mississippi*

**Friday May 26, 2000**

- 8:00-8:30 The Development of Environmental Applications of Remote Sensing: A Historical Perspective  
*Dr. John (Jack) Estes, University of California-Santa Barbara*
- 8:30-9:00 Multiresolution Land Cover Data Sets for Environmental Assessment  
*Dr. Tom Loveland, USGS, EROS Data Center*
- 9:00-9:30 Assessment of Land Use Change and Forest Fragmentation Through Remote Sensing-based Visualizations  
*Dr. Daniel Civco, University of Connecticut*
- 9:30-10:00 BREAK
- 10:00-10:30 A Remote Sensing and GIS-Assisted Rail Construction Cost Model That Incorporates LIDAR Data.  
*Drs. John R. Jensen, Dave Cowen, Mike Hodgson, Chad Hendrix, and Steve Schill Univ. South Carolina,*
- 10:30-11:00 Biophysical Remote Sensing of Coastal Wetland in South Carolina.  
*Dr. John R. Jensen, Univ. South Carolina,*
- 11:00-11:30 Imaging Radars: A Unique Perspective on Our Environment.  
*Dr. Jon Ranson, NASA/GSFC, Biospheric Sciences Branch*
- 11:30-12:00 Application of Remote Sensing: An NGO Policy Perspective  
*Dr. Anthony Janetos, World Resources Institute (WRI)*
- 12:00-1:00 LUNCH

- 1:00-1:30 Large Area Monitoring of Temperate Forest Change: Why Landsat 7 Is So Valuable  
*Dr. Curtis Woodcock, Boston University*
- 1:30-2:00 Satellite Radar Image Processing for Characterization of Forests  
*Dr. Paul Hopkins, SUNY - Syracuse*
- 2:00-2:30 The Potential of Lidar for Ecological Assessments of Land Cover from Earth Orbit  
*Dr. Robert G. Knox, NASA/GSFC, Biospheric Sciences Branch*
- 2:30-3:00 Using Hyperspectral Imagery for Detailed Forest Vegetation Classification  
*Dr. Russell Congalton, University of New Hampshire*
- 3:00-3:30 Radar and Optical Data Integration for Land Use/Cover Mapping  
*Dr. Barry Haack, George Mason University,*