



Pecora 10

The Tenth William T. Pecora Memorial Remote Sensing Symposium
August 20, 21, 22, 1985. Student Center, Colorado State University,
Fort Collins, Colorado

REMOTE SENSING IN FOREST AND RANGE RESOURCE MANAGEMENT

The Pecora Symposium will focus on research and development in remote sensing of forest and rangeland resources and related fields. The meeting will cover basic research as well as operational uses of sensor technology. Topics will include:

- INTEGRATED RESOURCE INVENTORY
- GEOGRAPHIC INFORMATION SYSTEMS APPLICATIONS
- LAND USE AND LAND COVER MAPPING
- CHANGE DETECTION AND MONITORING
- VEGETATION DAMAGE ASSESSMENT
- MAPPING SOIL AND WATER RESOURCES
- FIRE FUELS MAPPING
- MAPPING AND MONITORING WILDLIFE HABITAT
- GLOBAL RESOURCE ASSESSMENT
- NEW AND EMERGING TECHNOLOGY—DATA ACQUISITION
- NEW AND EMERGING TECHNOLOGY—DATA PROCESSING

Technology and scientific developments will determine how effectively remote sensing will be used in forest and range resource management. The symposium goal is to bring together managers, technologists, and scientists from private, government, and university sectors to display, present, and discuss the most recent research and application developments.

SPONSORED BY

Society of American Foresters
Society of Range Management
American Society of Photogrammetry

IN COOPERATION WITH

United States Geological Survey
National Aeronautics and Space Administration
National Oceanic and Atmospheric Administration
United States Department of Agriculture

Symposium Chairpersons:

William M. Ciesla
USDA Forest Service
3825 East Mulberry
Fort Collins, CO 80524
303-224-3028

Richard S. Driscoll
2217 Sheffield Drive
Fort Collins, CO 80526
303-484-4470

For further information, contact:

Pecora 10
Office of Conference Services
Rockwell Residential Conference Center
Colorado State University
Fort Collins, CO 80523
Attention: Craig Sommer
(303) 491-6222



PECORA TEN
The Tenth William T. Pecora
Memorial

Remote Sensing Symposium

August 20, 21, and 22
Colorado State University
Fort Collins, Colorado

REMOTE SENSING IN
FOREST AND RANGE
RESOURCE MANAGEMENT

Pecora 10 will focus on applications of remote sensing in forest and range resource management. Symposium meetings will be held on the campus of Colorado State University.

The purpose of this symposium is to expose participants in all aspects of forest and range management to opportunities to use this technology. Technical sessions will cover specific subject areas such as:

- Integrated Resource Inventory
- Land Use and Land Cover Mapping
- Geographic Information Systems Applications
- Change Detection and Monitoring
- Vegetation Damage Assessment
- Fire Fuels Mapping
- Mapping and Monitoring Wildlife Habitat

• Mapping Soil and Water Resources
• Global Resource Assessment
• New and Emerging Technology
In addition, a series of forum sessions is planned to stimulate discussion of new ideas and concepts. A number of poster papers will also be presented.

Registration information and preliminary programs are available from:

Office of Conference Services
Rockwell Hall
Colorado State University
Fort Collins, CO 80523

PRELIMINARY CALENDAR — August 19-23, 1985 at Fort Collins, Colorado

MONDAY

- 9:00-8:00** PRE-SYMPOSIUM TUTORIALS
- Introduction to Remote Sensing
 - Introduction to Geographic Information Systems
 - Vegetation Damage Mapping
 - Geobotanical Assessment
 - Advanced Remote Sensing

- 3:00-6:00** SYMPOSIUM REGISTRATION

TUESDAY

- 7:30-3:30** SYMPOSIUM REGISTRATION
- 9:00** OPENING AND WELCOME
- 9:15** PLENARY SESSION
- State-of-the-Art of Remote Sensing in Range Management
 - State-of-the-Art of Remote Sensing in Forestry
 - New Horizons in Remote Sensing for Forest and Range Resource Management
- 11:45** LUNCHEON — Guest Speaker
- 1:30** CONCURRENT TECHNICAL SESSIONS
- Integrated Resource Inventory
 - Land Use/Land Cover Mapping
- 3:00** COFFEE BREAK
- 3:30** CONCURRENT TECHNICAL SESSIONS
- Geographic Information Systems Applications
 - Change Detection and Monitoring

- 6:00-7:00** PECORA 10 MIXER

WEDNESDAY

- 8:00** Symposium Registration
- 8:30** CONCURRENT TECHNICAL SESSIONS
- Vegetation Damage Assessment
 - Mapping Soil and Water Resources
- 10:00** COFFEE AND ROLLS
- 10:30** CONCURRENT TECHNICAL SESSIONS
- Fire Fuels Mapping
 - Mapping and Monitoring Wildlife Habitat
- 12:00** LUNCH
- 1:30** SPECIAL POSTER SESSION
- 3:00** COFFEE BREAK

3:30 SPECIAL FORUM SESSIONS

- Interfacing Remote Sensing with Spatial Data Systems
- Integrating Remote Sensing into Operational Systems
- Remote Sensing for Detection and Monitoring of Atmospheric Deposition Damage
- Research and Development Priorities in Remote Sensing for Forest and Range Resource Management

- 6:00** PRE-BANQUET SOCIAL

- 7:00** AWARDS BANQUET

- Dinner
- Keynote Speech
- William T. Pecora Award Presentation

THURSDAY

- 8:00** SYMPOSIUM REGISTRATION
- 8:30** TECHNICAL SESSION
- Global Resource Assessment
- 10:00** COFFEE AND ROLLS
- 10:30** TECHNICAL SESSION
- New and Emerging Technology/ Data Acquisition
- 12:00** LUNCH
- 1:30** TECHNICAL SESSION
- New and Emerging Technology/ Data Processing
- 3:00** COFFEE BREAK
- 3:30** SUMMARY SESSION
- Forum Summaries
 - Symposium Overview
 - Closing Remarks
 - Adjourn

FRIDAY

- 8:30** POST-SYMPOSIUM FIELD TOUR
- Bus Tour to Poudre River/Pingree Park
 - Lunch
 - Area Interest Stops
 - Dinner at Pingree Park

The Landsat Data Users NOTES is published quarterly in order to present information of interest to the user community regarding Landsat products, systems, and related remote sensing developments. There is no subscription charge; individuals and organizations wishing to receive the NOTES should contact: NOAA Landsat Customer Services, Mundt Federal Building, Sioux Falls, SD 57198, U.S.A., Telephone: (605) 594-6151, FTS: 784-7151.

Comments, corrections and queries of any kind may be directed to: Editor, Landsat Notes, Mundt Federal Building, Sioux Falls, SD 57198.

GOVERNMENT PRINTING OFFICE: 1981-564-078/10