

PECORA *thirteen*

**Human Interactions
with the Environment:
Perspectives From Space**

call for papers

August 20-22, 1996

Ramkota Inn
Sioux Falls, South Dakota

The Pecora 13 Symposium honors the memory of Dr. William T. Pecora, former Director of the U.S. Geological Survey, Under-Secretary of the Department of the Interior, and a pioneer in space-based remote sensing. During the past two decades the twelve Pecora Symposia have addressed many major topics in remote sensing including sensor development, policy issues, data access and archive, and applications of the technology in a wide variety of areas. In 1996, the Pecora 13 Symposium will focus on the role of remote sensing in assessment of Human Interaction with the Environment: Perspectives From Space.

The Pecora 13 Symposium will provide an opportunity for the international remote sensing community to exchange information on the ways in which remote sensing is being used to understand and evaluate human impacts on the Earth and human adjustments to environmental change. An important goal of the conference will be to identify priorities for addressing research needs, accelerating database development, improving data archive and access, dealing with policy and implementation issues and related areas.

Conference Objectives:

The principal objectives of the Pecora 13 Symposium are:

1. To better identify information requirements, and determine current information deficiencies, for addressing issues related to human interaction with the environment;
2. To report progress in mapping, monitoring and characterizing the biosphere and the extent and nature of human activity via remote sensing technology;
3. To define opportunities for enhancing progress in using remote sensing to enhance the quality of human life and for protecting the global environment.

Call for papers

The Pecora 13 Symposium will consist of invited papers complemented by selected volunteered papers and extensive formal and informal discussion. Persons wishing to submit papers are requested to contact the Symposium Technical Program Committee. Priority will be given to papers and posters that specifically address aspects of the conference theme - Human

Interaction with the Environment: Perspectives From Space. Topics of special interest include, but are not limited to:

- Characterization of the Earth's environment via remote sensing
- Human dimensions of global change
- Earth science data set development
- International research and development endeavors
- Environmental monitoring and modeling
- Land cover/land use mapping and change analysis
- Data archive and access
- Integration of socioeconomic and natural resources information
- Food security and population vulnerability
- Land degradation and desertification
- Urban and settlement issues
- Impacts of global climate change
- Using remote sensing and GIS to impact public policy

Note that although slides and overhead transparencies will, of course, be accommodated, special consideration will be given to papers that use state-of-the-art presentation techniques (e.g., multimedia, computer projection, animation, computer graphics, video). All accepted papers will be published in the Pecora 13 Symposium proceedings.

Instructions for preparing proposals

Those who wish to present a paper at the Pecora 13 Symposium must submit a brief proposal to the Symposium Planning Committee. The proposal must include the paper title, names and complete addresses of all authors (including telephone, fax and e-mail), and a 300-word abstract. Papers may be submitted for either oral presentation or for a poster presentation (including computer displays/demonstrations). Authors must clearly designate a preference for oral or other type of presentation. In addition, authors should indicate the format of visual aids they plan to use. Abstracts should be mailed by March 15, 1996 to:

Technical Program Chair
Pecora 13 Symposium
U.S. Geological Survey
EROS Data Center
Sioux Falls, SD 57198
Telephone: (605) 594-6040
FAX: (605) 594-6083
E-mail: pecora13@edcserver1.cr.usgs.gov

All proposals for papers will be acknowledged, and notification of acceptance will be provided by May 3, 1996. Authors of accepted papers will receive detailed instructions for preparation of final camera-ready papers. Final papers will be due by August 15, 1996.

The Symposium Planning Committee will also entertain proposals for a limited number of special sessions and panel discussions. Prospective session organizers must provide a 300-500 word proposal outlining the session objectives, format, content, speakers and other participants (including full names and addresses). Proposals for such sessions must be directed to the Committee no later than January 19, 1996.

Preliminary Program

August 19, 1996

Monday evening

Reception and Registration

August 20, 1996

Tuesday morning

- Registration
- Keynote Address
- Plenary Session I - Information Requirements for Assessing Human Interactions with the Environment

Tuesday afternoon

- Concurrent Sessions

Tuesday evening

- Poster Session and Social

August 21, 1996

Wednesday morning

- Plenary Session II - Advances in Remote Sensing

Wednesday afternoon

- Concurrent Sessions

Wednesday evening

- Pecora Banquet and Pecora Award Presentation

August 22, 1996

Thursday morning

- Pecora Memorial Address
- Plenary Session III - Significant Challenges and Future Endeavors
- Adjourn

Thursday afternoon

- Tours of the EROS Data Center

Pecora 13 On-Line

The Pecora 13 Planning Committee has established a WWW Home Page at <http://edcwww.cr.usgs.gov/pecora13.html>. You are invited to visit often for the latest news on the Symposium program, special events, travel to Sioux Falls, recreational and entertainment opportunities, local weather and related information.

Registration Fees

Participant/Attendee (includes all sessions, luncheon, banquet)

Advance registration - \$150

On-site registration - \$175

Spouse (includes social, luncheon, banquet)

Advance registration - \$40

On-site registration - \$50

Student (includes technical sessions, social)

Advance registration - \$30

On-site registration - \$40

Note: Advance registration must be postmarked no later than July 31, 1996.

Hotel Reservations

A block of rooms has been reserved at the Best Western Ramkota Inn, the symposium headquarters. These rooms are available at a special government rate. Symposium registrants are requested to arrange their own lodging. Reservation should be forwarded to:

Best Western Ramkota Inn

2400 North Louise

Sioux Falls, SD 57107

Telephone: (605) 336-0650

FAX: (605) 336-1687

EROS Data Center Tours

The EROS Data Center (EDC) is one of the world's largest repositories for remotely-sensed data and a premier center for research on remote sensing. During the past two years, EDC facilities have been significantly enlarged and enhanced to house the EOS Land Processes Distributed Active Archive Center (LPDAAC).

Special tours and technical briefings will be offered during the Pecora 13 Symposium. Free shuttle transportation will be provided to the EROS Data Center



REGISTRATION
Pecora 13 Symposium • Human Interactions with the Environment: Perspectives from Space • Sioux Falls, South Dakota

Name: _____

Organization: _____ Office Phone: _____

Address: _____

City: _____ State: _____ Zip: _____

Advance Registration*:

Participant/Attendee \$150

(Includes all sessions, attendance poster session, tech-breaker, luncheon, banquet)

Spouse \$40

(Includes social, luncheon, banquet)

Student \$30

(Includes technical sessions, poster session, tech-breaker)

*Advance registration must be postmarked no later than July 31, 1996

METHOD OF PAYMENT: Check or Money Order (in U.S. funds)

Purchase Order

(Sorry - credit cards cannot be accepted)

Make checks payable to Pecora 13 Symposium and mail to:

Pecora 13 Symposium

P.O. Box 1607

Sioux Falls, SD 57198-1607