

NATIONAL WILDLIFE FEDERATION  
1412 Sixteenth Street, N.W.,  
Washington, D. C. 20036

**CALL FOR PAPERS**

# **PECORA IV**

**Application  
of Remote Sensing Data  
to Wildlife Management**

Sioux Falls, South Dakota  
October 10-12, 1978



Sponsored by  
National Wildlife Federation

in cooperation with  
U.S. Geologic Survey  
National Aeronautics and Space Administration  
U.S. Fish and Wildlife Service  
Canadian Wildlife Service  
International Association of Fish  
and Wildlife Agencies

NON-PROFIT ORG.  
U.S. POSTAGE PAID  
National Wildlife  
Federation

## PECORA IV— Application of Remote Sensing Data to Wildlife Management

The Fourth William T. Pecora Memorial Symposium will be held **October 10-12, 1978** in Sioux Falls, South Dakota, USA. The theme of the meeting is **the application of remote sensing data to wildlife management**. This symposium is intended to stimulate an exchange of information on a broad range of applications through presentation of invited papers and poster sessions. The symposium is designed to be of interest and value even to those without current remote sensing expertise or responsibilities.

Remote sensing technology has shown great utility in natural resource inventory and management. Recently a new tool has been introduced which provides wildlife managers with new perspectives on the resources under their supervision. This tool, called Landsat, rapidly evolved under the auspices of the federal government, and its development was the personal goal of the late Dr. William T. Pecora, former Under Secretary of the U.S. Interior Department. The Pecora Memorial Symposium commemorates Dr. Pecora's contributions to the development of a national program for satellite investigations of earth resources. The symposium provides a forum for the transfer of information on the use of data acquired by satellite and aircraft from the research and development community to the user community.

The Fourth Pecora Symposium will be unique in that the presentations will deal with wildlife habitat inventory and analysis, wildlife population inventory and dynamics, and integrated resources planning. Previous Pecora symposia have dealt with mineral and petroleum exploration and cartographic applications. The three-day meeting schedule will include tours of the EROS Data Center, which archives and distributes worldwide satellite data coverage and aircraft coverage of the United States. The Center also trains wildlife managers and other resource specialists in the use of satellite and aircraft data for inventory, monitoring, and management of resources on a national and international level. Tours of the EROS Data Center will include the Data Analysis Laboratory where machine analysis of Landsat data will be demonstrated.

## Contributed Presentations/ Poster Sessions

In order to maximize communication among the participants in this symposium, contributed papers will be presented in **Poster Sessions**. This format, used successfully in Europe and recently introduced to the United States, provides authors with bulletin board space on which imagery, graphs, charts, and text can be displayed. Adequate time is provided during the three days to allow informal discussion between the presenter and interested attendees about the material. Entire papers will be published in the Symposium proceedings (a page charge will be levied for lengthy papers).

Proposed presentations for PECORA IV will be considered in the following categories:

- Wildlife Habitat Inventory
- Wildlife Habitat Analysis
- Integrated Resource Planning
- Wildlife Population Inventory
- Wildlife Population Dynamics

All presentations should illustrate the application of remote sensing technology (aerial photography, thermal imagery, satellite data, radio telemetry, radar, etc.) to these fields.

All persons interested in contributing a presentation for consideration for the **Poster Sessions** portion of PECORA IV should submit a comprehensive summary of their proposed presentation no later than **May 31, 1978**. Only summaries of no less than 300 and no more than 1,000 words, typed double-spaced on one side only, designating a specific category and received prior to the above deadline will be considered. Ten copies, in English, should be submitted to:

Dr. Michael E. Berger  
National Wildlife Federation  
1412 16th Street, NW  
Washington, D.C. 20036  
(Phone: 202/797-6881)

Authors will be notified of acceptance of their proposed presentation by July 1, 1978. Typed, reproducible copies of accepted papers will be due by October 1, 1978.

Additional program and registration materials will be available in April, 1978. Requests for further information regarding PECORA IV, including receipt of registration materials, should be directed to the above address.