

INTERNATIONAL REMOTE SENSING WORKSHOPS

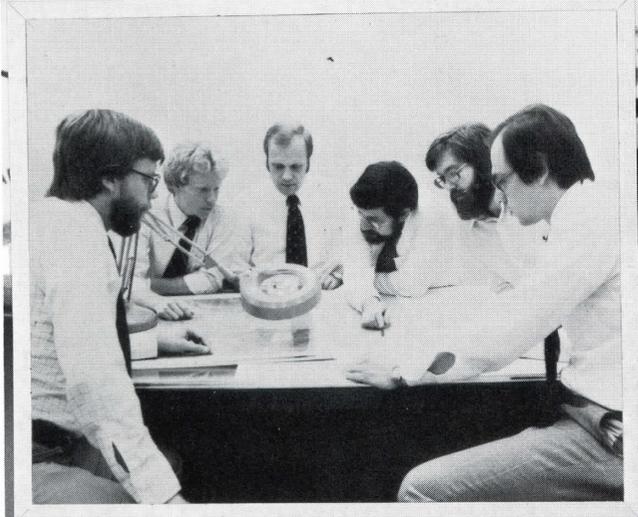


18TH APPLICATIONS IN GEOLOGIC AND HYDROLOGIC
EXPLORATION AND PLANNING

APRIL 26 - MAY 28, 1982

19TH APPLICATIONS IN VEGETATION ASSESMENT
AND LAND USE PLANNING

AUGUST 30 - AUGUST 1, 1982



TENTATIVE SCHEDULE

This schedule shows the general content and structure of the workshops. The actual arrangement or emphasis may vary as a function of the choice of fieldwork sites, image examples, or participant interests.

Optional- highly recommended for all, mandatory for those with little previous experience.

Fundamentals of Remote Sensing

The Electromagnetic Spectrum, Energy-Matter Interactions.
Image Formations.
The Landsat System.
Principles of Image Analysis and Interpretation.

WEEK 1

(second through fifth weeks are discipline- specific; the 18th Workshop will emphasize geologic and hydrologic assessment, the 19th Workshop will emphasize vegetation and land use applications)

WEEK 2

Image Formation and Sensor Systems.
Manual Analysis and Interpretation of Remotely-Sensed Data.
Integration of Remotely-Sensed Data and Other Data Types.
Applications of Remotely-Sensed Data.

WEEK 3

Digital Analysis Techniques.
Workshop Exercises- Practical Experience in Data Analysis and Interpretation.
Environmental Data Base Preparation.

WEEK 4

Field Trip- Verification of Interpretation Exercise Results.
Incorporation of Field Observations in Interpretation.

WEEK 5

Guided Individual Study of Landsat Imagery of Participants' Countries.
Discussion of International Aspects of Satellite Programs.
Summary Seminar.
Closing Ceremony.



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