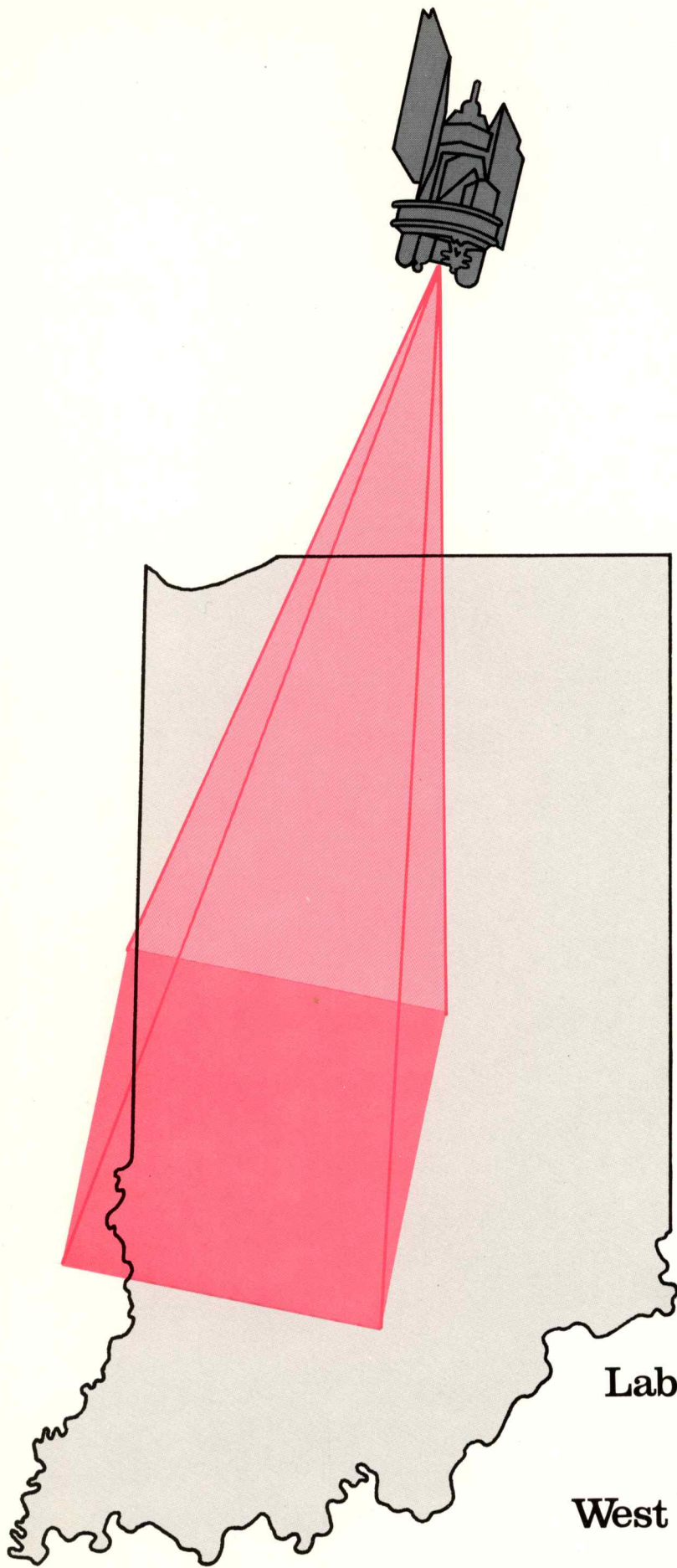


# A Satellite View of Indiana



Laboratory for Applications  
of Remote Sensing  
Purdue University  
West Lafayette, Indiana USA  
LARS Publication 092177

# LARS and Remote Sensing

The Laboratory for Applications of Remote Sensing (LARS) is a unit of Purdue University focusing the University's unique resources on development of improved techniques for analyzing earth resource information. A multidisciplinary staff from various departments within the Schools of Agriculture, Engineering and Science compose the LARS team. Over the Laboratory's eleven year history, this team has been responsible for much of the development of remote sensing technology. While supporting this development, LARS has become one of the leading research centers in the world in the areas of computer assisted processing, analysis and interpretation of remotely collected data.

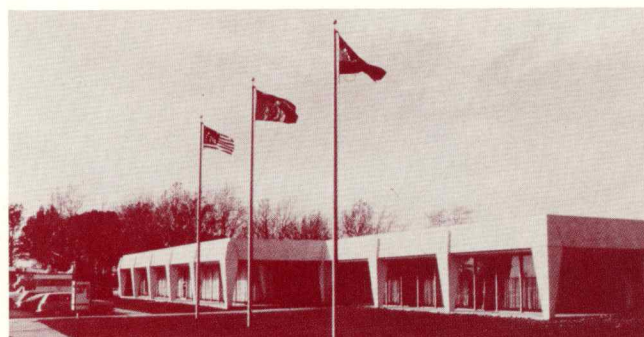


The key to the interdisciplinary efforts of LARS is the Laboratory's organizational structure. Each of six major program areas has specific responsibilities for pursuing research in its area of specialization while coordinating with and supporting research in the remaining program areas. Program areas are:

Measurements Research  
Crop Inventory Systems  
Data Processing and Analysis  
Ecosystems Research  
Earth Science Research  
Technology Transfer

The viability and quality of the work done by LARS is demonstrated by the repeated assignments and awards the Laboratory and its staff have received. For example:

- In 1972, LARS was chosen by NASA to analyze the first frame of data returned to Earth by Landsat 1.
- In 1975, LARS was chosen by NASA to provide the technical leadership for the field measurements project, an important phase of the world wide Large Area Crop Inventory Experiment (LACIE).
- LARS was co-recipient of the William T. Pecora award for outstanding contributions to the field of remote sensing. This award was presented to LARS in October of 1976 as part of the William T. Pecora Memorial Symposium. Special recognition was given to LARS for early demonstration of the importance of closely coordinating the acquisition of multispectral image data with extant digital processing capabilities and simultaneous acquisition of ground information.



For further information please write to the following address:

Laboratory for Applications of  
Remote Sensing  
1220 Potter Drive  
West Lafayette, IN 47906 USA