

# **Development and Use of the Arkansas Agricultural Research and Extension Center GIS. (A07-skinner162840-Poster)**

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## **Abstract:**

A geographic information system (GIS) for the Univ. of Arkansas Agricultural Research and Extension Center at Fayetteville (AAREC) is used to provide more efficient access to spatial information about the Center. Data on 250 fields, 135 buildings, roads, utilities, land use, and soil characteristics is contained in the AAREC GIS. Center spatial information is being updated and linked with current and historical field records. The AAREC provides services to ten university academic and extension departments. The GIS uses ArcGIS, ArcView and ArcPad software with database, image, CAD, farm management and GPS layer information to assist in record keeping and management decisions

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## **Presentation Information:**

Presentation Date: Tuesday, November 12, 2002  
Presentation Time: 2:00-4:00 pm  
Poster Board Number: 740

## **Keywords:**

GIS, GPS, Resource Management, Spatial Data