Abstract

Using Historic Maps With GIS to Locate Historic Archaeological Resources
Track: Ecology, Archaeology, and Conservation
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In an effort to streamline transportation planning and the archaeological component of Environmental Impact Statements, a GIS database was developed for the Texas Department of Transportation to locate non-urban historic resources. Maps dating from 1930 and older were georeferenced, historic resources identified, locations digitized, and information pertaining to the structures and map sources added to the database. The greatest challenge of the project was accurately georeferencing maps that predate the adoption of the North American Datum of 1927. To deal with this issue, customized datum transformations were developed to transform maps into a modern coordinate system.

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