Abstract

Using the GEOBOOK to Communicate Results for the EPA Southeast Ecological Framework
Track: Environment Solutions
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The EPA's Southeast Ecological Framework project involved compiling geo-spatial data and analysis for 8 southeast states. The project focused on providing a tool to local planners to aid in their efforts for greenspace protection and the prevention of ecosystem fragmentation. Faced with the problem of distributing the project data and results to a wide audience, the EPA chose to develop a custom GEOBOOK in collaboration with Space Imaging. The GEOBOOK is a unique software application that leverages MapObjects technology to aid in the distribution of geo-spatial data content with GIS functionality to non-GIS audiences using a familiar book layout and look-and-feel.

The purpose of the EPA GEOBOOK is to effectively distribute the project data to end users, including team members, state and local governments, education facilities and public libraries. The intent of the GEOBOOK is to deliver project specific information to the interested parties based on a known boundary or area of interest, such as a county or watershed area. The GEOBOOK was designed to integrate with standard ArcView 3.2 editing tools to allow EPA staff to regularly update the project data sets to support these custom requests using the GEOBOOK as the standard distribution mechanism.

This paper will review the project design, requirements and results with a focus on technical issues and achievements. A demonstration will be provided.

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