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E-TRIMS Spatially Enabling the Tennessee Department of Transportation (TDOT) Enterprise for Decision Support

Presenter

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TDOT has a rich history of technology deployment with regards to managing critical infrastructure facilities. This has been demonstrated through the traditional usage of the Tennessee Roadway Information Management System (TRIMS). While TRIMS provides tremendous benefit to TDOT in its ability to perform complex data maintenance capabilities as well as roadway analytics, the cost of deploying and maintaining a large- scale client/server based application is a challenge. Based on these considerations, TDOT elected to create E-TRIMS - a new web-based application to provide the analysis capabilities in a modernized format. E-TRIMS provides a customizable map interface with "Road Finder" query capabilities allowing output on the map or as a tabular report as well as thematic maps and charts. In addition

Bio(s):

Jeff Murphy is an Information Systems Manager in the GIS Mapping and Facilities Data Office of the Tennessee Department of Transportation. Before coming to TDOT, Murphy was IT Director for a coal mining company for 14 years. Since arriving at TDOT he has worked to develop E-TRIMS, a comprehensive Web application for querying and mapping roadway inventory data. Murphy holds a B.S. degree in Information Systems Management from Aquinas College in Nashville TN. He enjoys hunting, fishing, and spending time with his boys.