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MAP-21 & Performance Based Planning ;Implications for GIS-T

Presenter

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#1 The "Moving Ahead for Progress in the 21st Century"(MAP-21) Act only provided funding for the transportation programs for 2 years. However, one of the more long term shifts coming from the legislation will be the movement toward performance based programs. It will require all of the State DOTs and all of the MPOs to focus on a performance based approach to managing the development and implementation of transportation improvements. All States and MPOs will be required to develop SMART objectives, objective related performance measures, focus their funding efforts toward making the objectives occur, and evaluate their program's results. Over the last decade, geospatial programs have become a key many DOT enterprise wide applications. Performance based programs will drive further data collection, project evaluation and performance monitoring efforts which are likely to require changes in GIS. This presentation is going to include and overview of MAP-21, performance based planning and related performance based programs and current State examples.

Bio(s):

Ben Williams has Bachelors and Masters Degrees in Civil Engineering from the Ohio State University and is a licensed Engineer in Ohio. He has worked for FHWA for 33 years and has been involved with planning for 31 of those years. During his tenure with FHWA, he has served in the Ohio Division and Georgia Division Offices, the Region 4 Office and is now assigned to the Planning Technical Service Team of the Resource Center, stationed in Atlanta. In his job as a Metropolitan Planning Specialist he is charged with helping States and MPOs, nationwide, with technical assistance and training within planning.

Ben works on projects related to :

- * GIS and Transportation Planning
- * Metropolitan Planning
- * Visualization and Transportation Planning
- * Congestion Management Process
- * Planning and Operations

He has been the Workshop Chair for the AASHTO GIS-T Symposium for 12 years and a past instructor for the National Highway Institute's Spatial Technologies Class.

Mr. Sarmiento provides capacity building resources to GIS professionals in transportation agencies in the US. Graduated with a BS in Civil Eng. from Worcester Polytechnic Institute and a Masters in Civil Eng. from the Univ. of Virginia.