

AEGIST WEBINAR: Spatial Data Governance to Support Enterprise Business Needs

Draft for Discussion



SAVE THE DATE: FEBRUARY 11, 2021

The Federal Highway Administration (FHWA) has launched the Applications of Enterprise GIS in Transportation (AEGIST) pooled fund study (PFS) in collaboration with 16+ States in the U.S. to advance spatial and linear referencing data management practices, tools and systems by deploying standards and best practices. The project features a series of webinars, workshops, peer exchange meetings and consulting services over 2019-2024.

This webinar will be on spatial data governance and management practices that span across multiple business units and users, in addition to the GIS and LRS units. Spatial data governance involves creating, managing and sharing the data models associated with roads, assets, projects, traffic, safety, mobility, etc., using enterprise data systems, including but not limited to Asset Management System, Traffic and Safety Systems, Project Planning and Programming Systems, Design and Construction Systems, GIS and Linear Referencing System (LRS).

When: Thursday, Feb 11th | 1:00 – 4:00 PM EST

Agenda:

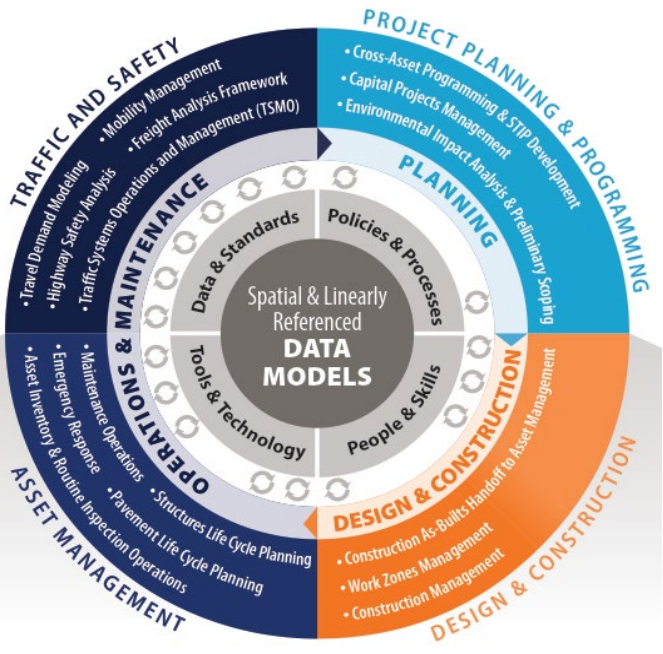
- AEGIST and Spatial Data Governance Vision
- Spatial Data Management & Governance at DOTs
 - Florida DOT
 - New York State DOT
 - Ohio DOT
- AEGIST 2021 Calendar
 - Webinars & Presentations
 - Implementation Services to State DOTs

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Source: WSP



The presenters will present examples of how they model data from the perspective of multiple business users and stakeholders, and, how data is shared across enterprise systems, to support business use cases including but not limited to the following:

- ❖ Provisioning existing assets data in GIS, LRS and Lidar systems for use in Design and Construction
- ❖ Delivering as-built assets and post-construction inspection data to Asset Management
- ❖ Exchanging road network and roadway characteristics, projects and asset data in Project Management, LRS and Asset systems for project planning, programming, asset life cycle analysis, operations and maintenance, emergency response, risk and resiliency analysis
- ❖ Building GIS Network for Travel Demand Modeling and Forecasting, Routing and Network Analysis