

### 3.2.2

#### **Lessons Learned from the development by committee of the GeoSpatial One-Stop Transportation Model for Airports.**

##### **Presenter**

Dejan Damjanovic  
Space Imaging LLC  
ddamjanovic@spaceimaging.com

##### **Co-Presenter**

The federal Office of Management and Budget (OMB) mandated that the National Spatial Data Infrastructure (NSDI) Transportation Framework Theme (one of seven Framework Themes) would be expanded to provide mode-specific data models. The Department of Transportation was then mandated to coordinate that development of geospatial data models – Road, Rail, Mass Transit, Marine and Airports. Modelling Teams (MAT's) were created from industry subject matter experts and concerned members of appropriate governmental organizations. The end goal would eventually be a national repository of NSDI-compliant GIS data, populated with the transportation infrastructures of all 50 states.

The author was one of the members of the Airport Modeling Team (AirMAT), and has participated on similar modeling efforts in this industry. The paper deals with the lessons learned from the collection of common, and uncommon requirements from users, vendors, data suppliers, integrators and government authorities, and the necessary collaboration and compromises necessary to complete a draft standard in the appropriate time. The paper also provides some suggestions on how actual implementation can occur at the state or local level.

All future GIS information collection at the state and local level for transportation infrastructure that is to be funded by OMB monies shall meet the GeoSpatial One-Stop standards. As such, this will be extremely relevant to the AASHTO community and all related communities.