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Oregon Department of Transportation web GIS framework: TransGIS

Presenter

Ryan Johnson

Sr. GIS Analyst

Oregon Department of Transportation

ryan.r.johnson@odot.state.or.us

Co-Presenter

The Oregon Department of Transportation has developed TransGIS, a framework built off the JavaScript API & ArcGIS Server. TransGIS allows the agency to develop business specific applications while maintaining a common operating picture. As new functionality is developed it goes into the code library and is available to the other applications that are built from the TransGIS framework. New requests for web mapping applications can pick and choose functionality that best fits their needs while maintaining a simple and easy to use interface. Small customizations to TransGIS have become efficient enough that it is now starting to replace paper map requests. Over a dozen applications that have been built from TransGIS have been put into production. Uses are wide ranging dealing with subjects like project tracking, locating crashes, planning document access and safety analysis.

Bio(s):

Ryan has been the Senior GIS Analyst at the Oregon Department of Transportation since 2009. He is the project manager for the TransGIS web mapping application and is primarily responsible for ODOT's enterprise GIS infrastructure design and maintenance.