

6.3.2 Translating Disparate GIS data to and from a Standardized GIS database: A Case Study

Presenter

Michael Leierer
Washington State DOT
LeiereM@wsdot.wa.gov

Co-Presenter

An accurate, maintainable, state wide GIS transportation framework necessitates acquisition of the best data from the best possible sources. This will require the ability to process disparate data from a variety of sources into a centralized data store.

A transportation framework, which meets a broad variety of business needs, will need to include local data as well as state transportation data. Local data providers should not have to change their schema and systems but have their data translated into a centralized database, which has a different schema and standards than theirs. Also important is the ability to translate data from a centralized database to a data user's GIS format.

The presentation includes:

- Administrative processes.
- Jurisdictional issues.
- GIS data preparation.
- Data submittal.
- Translation of GIS data into a centralized SQL data store.

More information at: <http://www.wsdot.wa.gov/mapsdata/TransFramework/default.htm>