

An Introduction to Data Interoperability

This session will focus on the functionality added to ArcGIS desktop applications (ArcCatalog, ArcMap, ArcScene, ArcGlobe) by the Data Interoperability extension and will highlight what's new at the 10.0 release and give a preview of what is coming in 10.1, such as Lidar support. The technical presentation will cover the added format support available in each of the Desktop applications and how to work with these data formats. XML reading and writing, OGC formats as well as working with and producing FGDC/ISO metadata will be discussed. Geoprocessing integration will be covered and will include data translation using the Data Interoperability Tools toolbox (Quick Import, Quick Export); data transformation using Spatial extraction, transformation, loading (ETL) tools; and the use of interoperability data sources within existing ArcGIS geoprocessing tools, models, and scripts. The Workbench application will be discussed in the context of creating custom formats (dynamic data transformation) as well as the creation of Spatial ETL tools that transform data through conversion.