Forest Service Data Model

Data Model User Group

Join the data model user group if you are an existing ArcGIS customer and want to learn more about design and architecture of personal or enterprise Geodatabase and become a part of Esri's growing data model community.

The US Forest Service and Esri have teamed on a number of projects to identify and implement geodatabase design standards and appropriate GIS tools and workflows for managing Forest Service spatial data. The data models, tools, and workflows on this site were developed as part of this project work and are made available here to be freely downloaded for review and to be adopted or leveraged by others. The materials on this site are most applicable to units with responsibility for managing natural resources and land management data. For any questions about the materials on this site, please email: forestservice@esri.com

US Forest Service, Southwestern Region (Region 3) Geodatabase Design TemplateUS Forest Service, Southwestern Region, with Esri's support, has developed a geodatabase design built upon the National GIS Data Dictionary. Since the initial data model was completed in 2005, the design has been maintained by the Region and is now in version 2.0. This design has been successfully implemented at each of the Forests in Region 3, and has also been adopted by other Regions. Subsequent work has focused on leveraging the data model to standardize and automate quality control and cartographic processes.

Key successes include:

- Implementing a geodatabase design that builds on the national standard and supports additional Region requirements.
- Documenting quality standards for the Region's spatial data and configuring a set of ArcGIS Data Reviewer quality control checks to support automated data review.
- Automating cartographic processes to meet the Secondary Base Series map product specification using Esri Production Mapping Visual Specifications.

  * **US Forest Service, Southwestern Region (Region 3) Geodatabase Design Template** Version 2.0 xml, pdf, gdb, and rul files - zip format, 1219 kb (submitted 1/1/2011)

User Forums

Visit the Esri data model discussion forum to share your ideas, thoughts, and questions with other users.

User Community

Visit the Esri data model discussion forum to share your ideas, thoughts, and questions with other users or ask Forest Service Data Model specific questions to forestservice@esri.com