Esri Production Mapping – Advanced Cartographic Production

Esri Production Mapping enables GIS data producers to automate, simplify, and improve their production workflows, data quality, and map creation processes by leveraging production proven software capabilities. Production Mapping is a solution built on top of ArcGIS Desktop that transforms the way you create the foundational spatial data for your GIS applications. Production Mapping provides a shared work environment that allows you to improve the quality and value of geospatial data and cartographic products through standardization and repeatability.

Goals of the workshop

- Outline generic cartographic workflows
  Data
  Symbology
  Cartographic Editing
  Layout
  Printing and Export
- Discuss data-base driven cartographic production workflows
- Overview of Production Mapping tools that extend core functionality
- Discuss how tools can be used to enforce standards and reusability
- Cartographic production in a multi-user environment
- Maintenance of maps and the underlying cartographic data over time using map editions

Major topics covered

- What data preparation is required and how other types of "cartographic data" can be created and edited before map production begins.
- Understand database-driven cartography workflows and how that can help automate the process.
- Review tools for creating grids, graticules and borders and decide what tools should be used and when.
- Understand how map scale and extent can be set and manipulated to ensure the maps are showing the information correctly.
- Review symbology, specifically feature class representations, and how they can be generated in an automated way using visual specifications.
- Discuss labels and annotation, and how they relate to visual specifications.
- Review tools for cartographic editing and cartographic products maintenance.
- Explore tools for managing layout and map documents, and surround elements and their management. Provide overview of Production Mapping specific surround elements, and how these can be managed in a database and on the page.
- Overview of printing and export options within Production Mapping including batch printing, export and color separation settings.
- Explore options for user to control and create map editions over the same extent and track production history over time.