Abstract

Automated Mapping: The U.S. Census Bureau's Urbanized Area Mapping Project
Track: Cartography and Map Production
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Recently, the Census Bureau created outline maps of approximately 4,000 Urbanized Areas of the United States. This presentation discusses system design and the cartographic production process. These include using scripts, macros, watch folders, and marker files to create maps in a batch environment; issues related to the integration of ESRI software in combination with other commercial software across different computers and operating systems; achieving highly effective feature names placement; the creation of graphics files suitable for both printing and viewing on screen via the World Wide Web; and encountered issues which need further development for future mapping systems.

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