Abstract

Use of Conflation Software in US Census Bureau's TIGER Coordinate Correction Process
Track: Census and Geo-Demographics
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Geo-Serv, under contract to the US Census Bureau Geography Division, has developed a scalable production system for correcting the coordinates of TIGER files for 190 counties. Geo-Serv performs and manages the four step production process: data preparation, coordinate correction, QC, and upload. The major step of this process--coordinate correction--is being performed by three vendors, two of whom use ESEA's MapMerger for initial conflation. This is followed by custom ESRI software to identify issues, fix the errors, and prepare deliverables to the detailed specifications of the Census Bureau. This session will include general description of the production methods used by these vendors and a detailed description of the way that MapMerger is used in the process.

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