Abstract

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ARMY ITAMGIS: Automating Standard Army Training Map Production
Track: Defense and Intelligence
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The Integrated Training Area Management Program's GIS Regional Support Centers (RSC) support production of military installation training maps for 115 Army installations. For smaller sites, this task requires data development and map layout, and the RSC are available for technical support to larger installations, which have onsite GIS operators. In order to streamline this production task, the RSC designed and implemented a standard process. ArcGIS was used to create an ITAM template. The template allows the user to insert a SDSFIE-compliant geodatabase into an ArcMap document while ensuring proper layout and symbolization. A customized ArcMap GUI allows the user to use simple wizards to create custom conversion graphs, north arrow with declination and convergence information, slope guide, scale bar(s), projection parameters, and military grid reference system (MGRS) information.

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