



USDA Forest Service
Remote Sensing Application Center
Briefing Paper



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Topic: The Terrestrial Ecological Unit Inventory (TEUI) Geospatial Toolkit

Issue: Recent enhancements to the TEUI Geospatial Toolkit and release of FS Version 3.2.

Background: The TEUI Geospatial Toolkit is continually undergoing refinements and feature enhancements. Version 3.2 developments include: easier software installation, revamped and expanded free online training materials, new and expanded website, streamlining of geospatial data acquisition, and the development and inclusion of the Connotative Legend Tool. Toolkit version 3.2 aims to improve user experiences and expand the use of the toolkit to a wider range of natural resource mapping efforts. Technical support for the Toolkit is provided by RSAC.

Select Toolkit Enhancements and Fixes: The installation of the TEUI Toolkit is now easier for all users. The pre-installation requirement for Microsoft J# software has been removed in version 3.2. Microsoft .NET 2.0 software is still required; however, the process for detecting and installing that application is now automated.

Updates were made to all user documentation (i.e. User Guide and Quick Reference). The free on-line training tutorial was updated and is available to all FS users (<http://fsweb.geotraining.fs.fed.us/tutorials/TEUI2008/>). The TEUI Geospatial Toolkit Website (<http://fsweb.rsac.fs.fed.us/geospatialtoolkit/>) was updated and now allows Forest Service users of the toolkit to request geospatial data directly from RSAC TEUI staff. A help button linked to a new e-mail address has been added (TEUIteam@fs.fed.us) for software and data assistance. Also, users can now download the most up-to-date version of the toolkit directly from the website.

Database tables that store raster-based map unit statistics data were improved to address critical issues revealed by user feedback and continued testing.

Toolkit version 3.2 introduces the Connotative Legend Tool. This powerful new tool allows the user to rapidly begin the map unit concept development, stratification, and verification process. The tool creates a connotative legend using geospatial raster data layers selected by the user and the map unit polygons. The tool is very useful for checking your map unit delineations/stratifications based on the underlying geospatial data.

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