The following was presented at DMT’12 (May 20-23, 2012).

The contents are provisional and will be superseded by a paper in the DMT’12 Proceedings.

See also earlier Proceedings (1997-2011) http://ngmdb.usgs.gov/info/dmt/
US Topo Annotation and Font Replacement Issues

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What is the issue?
US Topo Font Replacement

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- US Topo annotations are problematic for end-users without these fonts
- ArcGIS automatically replaces missing fonts with Arial, which adversely changes the map layout
- Are suitable alternatives distributed with Windows?
US Topo Font Replacement

US Topo Fonts

- **Souvenir** and **Univers** are commercial fonts
Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84), Projection and
1,000-meter grid: Universal Transverse Mercator, Zone 12S
10,000-foot ticks: Utah Coordinate System of 1983 (south zone), Arizona Coordinate System of 1983 (west zone)
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US Topo Fonts

- Souvenir and Univers are commercial fonts
- Suggested replacements are Georgia and Arial
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US Topo Font Replacement

US Topo Fonts

Souvenir medium - Souvenir light italic
US Topo Fonts

Souvenir medium - Souvenir light italic
Georgia
US Topo Font Replacement

US Topo Fonts

Souvenir medium - Souvenir light italic
Georgia  Georgia
US Topo Font Replacement

US Topo Fonts

Souvenir medium - Souvenir light italic

Georgia  Georgia - Georgia italic
US Topo Fonts

Souvenir medium - Souvenir light italic
Georgia Georgia - Georgia italic

Univers - Univers italic
US Topo Font Replacement

US Topo Fonts

Souvenir medium - Souvenir light italic
Georgia Georgia - Georgia italic

Univers - Univers italic
Arial - Arial italic
Georgia and Arial fonts are distributed with Windows XP, Windows Vista, and Windows 7
We recommend that US Topo production be modified to use standard fonts distributed with Microsoft Windows, such as Georgia and Arial, to eliminate unwanted automatic font substitution in ArcGIS.