The following was presented at DMT’11 (May 22-25, 2011).

The contents are provisional and will be superseded by a paper in the DMT’11 Proceedings.

See also earlier Proceedings (1997-2010)
http://ngmdb.usgs.gov/info/dmt/
Creating Slope-Enhanced Shaded Relief Using Global Mapper

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What’s wrong with a hillshade?

My point is to demonstrate that slope-enhanced shaded relief is superior to typical standard “hillshades”, and that they are very easy to create with Global Mapper.
Slope-Enhanced Shaded Relief

What You Need

- Global Mapper (under $300)
- Appropriate elevation data for your project
- A polygon boundary of your map area
Slope-Enhanced Shaded Relief
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Benefits of Slope-Enhanced Shaded Relief

• Much better definition of “3-D” terrain
Benefits of Slope-Enhanced Shaded Relief

• Much better definition of “3-D” terrain
• Clears out the gray from low-angle slopes so quaternary map unit colors are not “muddied” by shading
Questions...comments?

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