Subject: terrain visualization
Posted by Klemen on Tue, 05 Apr 2011 11:55:10 GMT

Hi folks,

if you are interested into terrain visulauisations / analysis using IDL/ENVI you might be interested into our sky-view factor code. It estimates for each DEM pixel the solid angle of the visible sky. Thus it can be effectively used as terrain visualization method (sky-view factor is then a proxy for diffuse illumination; most visualization methods originate from analytical hill-shading that is based on direct illumination).

For more information take a look at our web site that contains also the SAV files (PRO on request) or read the article explaining the theoretical background on this topic.

This is the first version - we are still working on several details.

http://iaps.zrc-sazu.si/?q=en/svf
http://www.mdpi.com/2072-4292/3/2/398

Cheers, Klemen