
Subject: Visibility / viewshed algorithm ?

Posted by [jgc](#) on Wed, 25 Oct 2006 14:09:29 GMT

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Dear All,

Has anybody implemented a viewshed (visibility) algorithm in IDL for DEMs, i.e. find out which cells in a digital elevation model are visible from a given viewpoint. ENVI does it, but I haven't found anything in IDL.

I am playing around with Wang's * algorithm, but I better ask first that reinventing the wheel a zillion times.

As a quid pro quo, I have put some of the terrain algorithms I have developed for IDL at <http://www.arolla.ethz.ch/softwmodels.html>

Many thanks,

Javier

(*) Wang, J., White, K. and Robinson, G.: 2000, Estimating surface net solar radiation by use of Landsat- and digital elevation models, International Journal of Remote Sensing 21(1), 31-43.
