
Subject: Re: difference between DEM and DSM
Posted by [Klemen](#) on Sun, 01 Aug 2010 09:00:47 GMT
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On Jul 30, 10:46 pm, "skymaxw...@gmail.com" <skymaxw...@gmail.com> wrote:

- > i was looking in Wikipedia, but there is very brief information about
- > DSM.
- >
- > i haven't any LIDAR data so there is no point cloud. I have only high
- > resolution panchromatic satellite images.
- >
- > so, to create DSM
- > i must interpolate the elevation values (for example from DEM) at each
- > point (each pixel) to a grid ?
- > how define size of grid ?
- >
- > Where i can see more details about creating DSM ?
- >
- > Thanks

Hi, perhaps this is not the right forum to ask such a question. This is not an IDL issue at all.

However, to generate a DSM, you need data with surface elevation. A source might be even panchromatic satellite images but then would be better to use a photogrametric software to generate a DSM. The size of grid depends on the resolution of your data - use simply the same as input.

You probably won't find many details on DSM creation, because most are interested into DEM creation.

Cheers, Klemen
