
Subject: ENVI: Overlay in 3D SurfaceView

Posted by [Antoine Lucas](#) on Mon, 19 Jul 2010 17:40:52 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi Folks,

I would like to know how to add overlay (e.g. grid, north arrow, scale bar, colorbar...) in the 3d surfaceview of ENVI. I found how to do that for contour lines, but not for features previously mentioned.

Thank you for any feedback!

Subject: Re: ENVI: Overlay in 3D SurfaceView

Posted by [Puneeth Shankar](#) on Mon, 06 Jul 2015 19:38:47 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi Antoine,

I would start with a black and white colorbar to display a scale. For a north arrow in IDL I would use something like this:

```
p = convert_coord(-74.5, [40.2, 40.5], /TO_NORM)
```

Draw North arrow:

```
ARROW, p(0,0), p(1,0), p(0,1), p(1,1), /NORMAL
```

```
XYOUTS, -74.5, 40.1, 'North', ALIGNMENT=0.5
```

Hope this helps.

Cheers,
Puneeth
