

## To convert image themes to grid themes

### For an image theme with a single band

- 1 Activate the image themes that you want to convert to grid themes by clicking on them.
- 2 From the Theme menu, choose Convert to Grid.
- 3 Provide a name and directory for the output grid data set, then press OK. Grid data set names cannot be longer than 14 characters and cannot contain a "." or space.
- 4 Choose whether or not to add the new grid theme to the view.

### For an image theme with multiple bands

- 1 Activate the image themes that you want to convert to grid themes by clicking on them.
- 2 From the Theme menu, choose Convert to Grid.
- 3 You are prompted if you want to convert all bands or not. If Yes then goto step 5. If No then continue to next step
- 4 Select the band you want to convert.
- 5 Provide a name and directory for the output grid data set, then press OK. This will be repeated for every band if you selected to convert all bands. Grid data set names cannot be longer than 14 characters and cannot contain a "." or space.
- 6 Choose whether or not to add the new grid theme to the view. This will be repeated for every if you selected to convert all bands.

Image themes created from image catalogs or grid data sets cannot be converted to grid themes. You also cannot convert an image theme whose data source has rotation parameters in its world file.

The conversion of image themes to grid themes is merely a change in file type. The output grid theme will have the same extent, cell size, and cell values as the original image theme. The analysis environment settings for the view are ignored.

If the image theme's data source has a colormap, then this colormap is written to a file to be used with the new grid data set. The colormap is given the same name as the output grid data set, with a .clr file extension appended to it. If you add this grid data set to a view as an image theme, then this colormap file is used to display the data set.