

# QGIS Application - Feature request #3066

## GdalTools: clipping based on a shapefile mask

2010-09-30 03:26 AM - Giuseppe Sucameli

<b>Status:</b> Closed	
<b>Priority:</b> Low	
<b>Assignee:</b> Giuseppe Sucameli	
<b>Category:</b> GDAL Tools	
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b> fixed
<b>Easy fix?:</b> No	<b>Copied to github as #:</b> 13126
<b>Description</b>	
<p>It will be useful to add the possibility of clipping based on a shapefile mask. This can be done with the <code>gdal_rasterize</code> and the option <code>burn</code>, eg:</p> <pre>gdal_rasterize -i -burn 255 -b 1 -b 2 -b 3 -l [SHAPELAYER] [SHAPEFILE] [RASTER]</pre> <p>this results ion setting all three bands at 255 for the area outside the shapefile in input.</p> <p>Thanks Stefano Salvador for the suggestion.</p>	

### Associated revisions

#### Revision 2f16afb9 - 2011-03-14 06:17 PM - Giuseppe Sucameli

added -cutline option to gdaltools warp tool, to fix #3066

git-svn-id: <http://svn.osgeo.org/qgis/trunk/qgis@15476> c8812cc2-4d05-0410-92ff-de0c093fc19c

#### Revision 36fc12ad - 2011-03-14 06:17 PM - Giuseppe Sucameli

added -cutline option to gdaltools warp tool, to fix #3066

git-svn-id: <http://svn.osgeo.org/qgis/trunk@15476> c8812cc2-4d05-0410-92ff-de0c093fc19c

#### Revision d3b47862 - 2011-04-15 07:58 PM - Giuseppe Sucameli

add cutline option to clipper to fix #3066

git-svn-id: <http://svn.osgeo.org/qgis/trunk/qgis@15712> c8812cc2-4d05-0410-92ff-de0c093fc19c

#### Revision adbcbb - 2011-04-15 07:58 PM - Giuseppe Sucameli

add cutline option to clipper to fix #3066

git-svn-id: <http://svn.osgeo.org/qgis/trunk@15712> c8812cc2-4d05-0410-92ff-de0c093fc19c

### History

#### #1 - 2010-11-30 12:08 PM - Giovanni Manghi

apparently there is also a way to do it with gdalwarp, and adding at the same time the alpha channel to the output raster, ex:

```
gdalwarp -of GTiff -r lanczos -dstalpha -cutline shapefile.shp raster_input.tif raster_output.tif
```

would be nice too to add this options too in gdalwarp

## #2 - 2010-12-03 03:23 AM - Giovanni Manghi

PS

Thanks to Pedro Venâncio for the suggestion

## #3 - 2010-12-03 02:31 PM - Giuseppe Sucameli

Replying to [comment:1 lutra]:

| *apparently there is also a way to do it with gdalwarp, and adding at the same time the alpha channel to the output raster, ex:*

```
> gdalwarp -of GTiff -r lanczos -dstalpha -cutline shapefile.shp raster_input.tif raster_output.tif
```

I know the -cutline option since the Hackfest when Tim told me about it.

Thanks for reporting it, I forgot to add these information to this ticket.

| *would be nice too to add this options too in gdalwarp*

So,

1. improving the clipper (clipping based on a shapefile mask)
2. add the -cutline option in the gdalwarp tool too.

## #4 - 2011-03-14 10:18 AM - Giuseppe Sucameli

- Status changed from Open to In Progress

Added -cutline option to gdalwarp tool (commit:36fc12ad (SVN r15477))

## #5 - 2011-03-31 02:23 AM - Bill Williamson

Works for me in Win7 in trunk

use cutline in gdalwarp.

Why is ticket still open?

## #6 - 2011-03-31 02:30 AM - Giuseppe Sucameli

I want to add it to the Clipper tool, so it can be used to clip whatever kind of layer.

**#7 - 2011-04-15 10:58 AM - Giuseppe Sucameli**

- *Resolution set to fixed*

- *Status changed from In Progress to Closed*

Fixed in commit:adbcbcb (SVN r15713).