

QGIS Application - Feature request #21251

Set output file resolution option and CRS options to Processing Clip Raster to Mask Layer - ClipRasterByMask.py

2019-02-13 12:05 PM - Pedro Venâncio

Status: Closed	
Priority: High	
Assignee:	
Category: Processing/GDAL	
Pull Request or Patch Supplied:	Resolution: fixed/implemented
Easy fix?: No	Copied to github as #: 29069
Description	
<p>This is a feature request to add the output file resolution option to Clip Raster to Mask Layer. This was possible in QGIS 2.18 Raster -> Extraction -> Clipper, but not in the Processing implementation of gdalwarp.</p> <p>I also propose the introduction of <code>-s_srs</code> and <code>-t_srs</code> options, to overcome this issue, that will only be fixed in GDAL 2.4.1:</p> <p>http://osgeo-org.1560.x6.nabble.com/gdal-dev-gdalwarp-cutline-shift-between-raster-and-vector-in-GDAL-2-3-2-td5389268.html</p> <p>https://github.com/OSGeo/gdal/issues/1156</p> <p>I'm making a proposal patch, but please make a review, because it is fully functional, but the code can be not too polite.</p> <p>The only problem I see is, as they are <code>QgsProcessingParameterBoolean</code> (and not radio buttons), a user can check both <code>KEEP_RESOLUTION</code> and <code>SET_RESOLUTION</code> at the same time. Is there any form to put them mutually exclusive in Processing? If not, I think a user needs to know what is doing when activate an option that is, by default, unselected.</p> <p>Thank you very much!</p>	

History

#1 - 2019-02-13 12:44 PM - Giovanni Manghi

works fine here (tested on Windows only), are you comfortable submitting a pull request on Github?

#2 - 2019-02-13 03:50 PM - Pedro Venâncio

- File `ClipRasterByMask.py` added

This version of the patch adds the `-multi` option, already added to master by Giovanni.

This way should work in master and 3.4.4 without problems.

#3 - 2019-02-15 11:35 AM - Pedro Venâncio

Giovanni Manghi wrote:

works fine here (tested on Windows only), are you comfortable submitting a pull request on Github?

I've not the environment prepared to that at this moment, so if you can do it ASAP, please do Giovanni.

Thanks!

#4 - 2019-03-11 01:29 PM - Giovanni Manghi

- Resolution set to fixed/implemented
- Status changed from Open to Closed

The patch was merged into 3.6 and master, while for 3.4 was closed is not really a bug fix.

Anyway here <https://github.com/ggis/QGIS/pull/9445> a few comments were made, and possibly this could lead to tweak the already committed patches to 3.6 and master.

Files

ClipRasterByMask.py	10.5 KB	2019-02-13	Pedro Venâncio
ClipRasterByMask.py	11.1 KB	2019-02-13	Pedro Venâncio