This tool is designed to reduce abrupt elevation changes in a DEM. It is meant to be used after topography modification and interpolation. However, it may be used in any DEM raster (1 band).

Field - *Raster to be modified (Input)*
You need to specify the raster (DEM) where you want to perform the smoothing.

Field - *Smoothing factor*:
You may specify a smoothing factor, which represents the radius around a given pixel that will be taken into consideration. The greater the factor the smoother will the resulting raster be.
Please be aware that smoothing may take 5 to 10 minutes, depending on the system. A higher smoothing factor will increase the processing time.

Specify the *Output file path***.**
If there is not a path specified here, the file will be created in the temporary folder. The full path will be shown in the *Log* tab and the result will be loaded to the map canvas.
Warnings:
I) Please avoid using these characters in the file name, as they might cause processing errors: *( ) / - % $ @ #*

II) If this tool is used repetitively with no path specified, previous results will be overwritten. To avoid this, specify a different path (or file name) each time