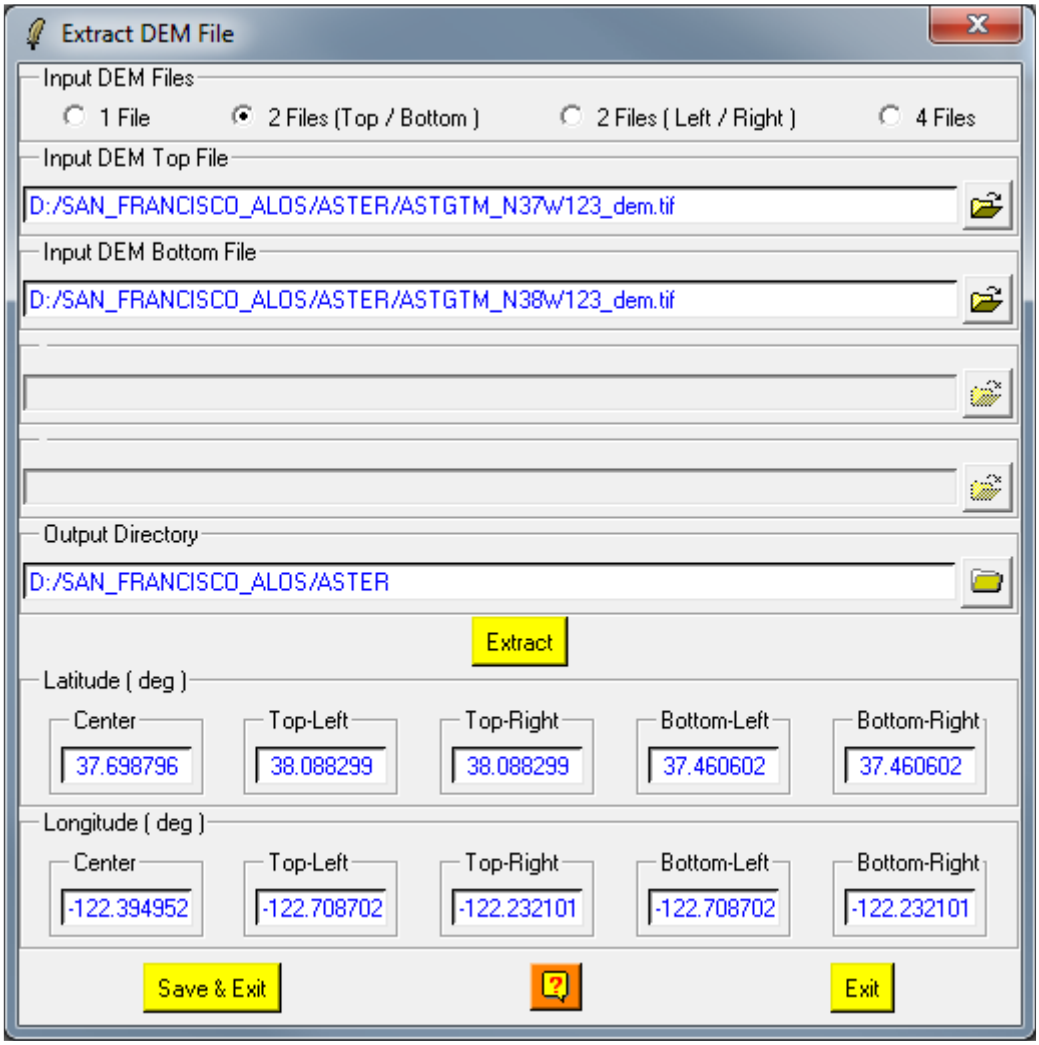
Extract DEM File



Description:

This function is used to create first a 8-bit bitmap image file of the DEM map extracted from a SRTM –DEM File or an ASTER-DEM File (GeoTIFF format), named *DEM.bmp*.
In a second step, the procedure creates a Google Earth KML file, named *DEM.kml* which is used to overlay a coarse geographical map showing on Google Earth, the DEM corresponding to the footprint of the SAR image.

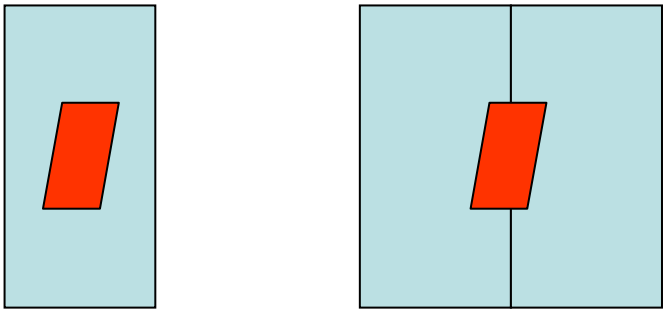
Comments:

Parameters written in Red can be modified directly by the user from the keyboard.

Input/Output Arguments:

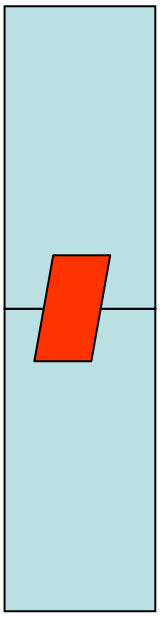
Input SRTM files

Users have to select the number of DEM GeoTIFF files used to extract the corresponding DEM.
It can be, 1, 2 or 4 different files, according to the location of the footprint, as indicated in the following figures:

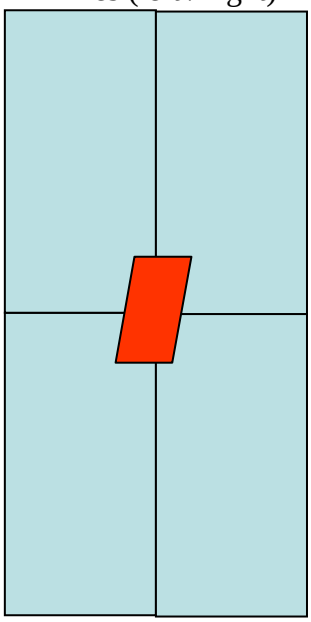


1 File

2 Files (left / right)



2 Files (top / bottom)



4 Files

Input DEM Files

Indicates the complete location of the DEM GeoTIFF files.

Latitude / Longitude Values:

Results of the extracted Latitude and Longitude values of the four corners and central point of the DEM image generated.