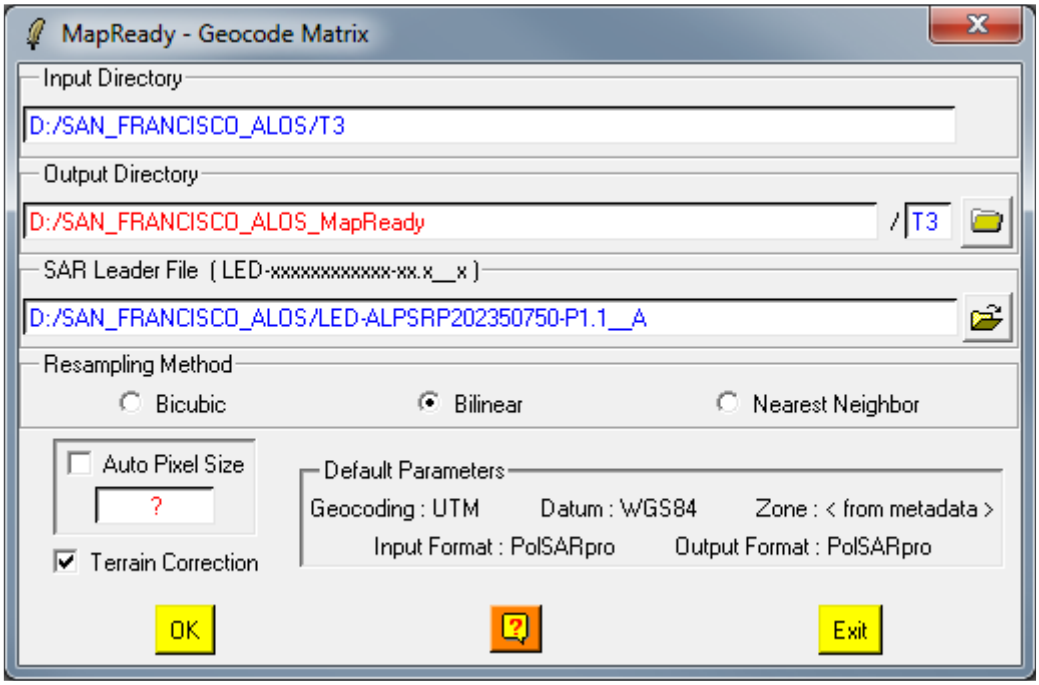
Map-Ready Matrix



Description:

This function offers the possibility to geocode fully or partial polarimetric data sets using the ASF (Alaska SAR Facility) Map-Ready software.
The geocoding process can only be applied on ALOS, RADARSAT-2 and TerraSAR-X datasets.

This functionality is only available for :

- **[T3]** : 3x3 complex Coherency Matrix raw binary data.
- **[C2]** : 2x2 complex Covariance Matrix raw binary data.

Comments:

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

Input/Output Arguments:

Input Directory	Indicates the location of the considered **Main Directory** containing the polarimetric data sets.
Output Directory	Indicates the location of the data output directory. The default value is set automatically to : **Main Directory_MapReady**.

Processing Parameters:

SAR Product File

This corresponds to the :

- ALOS / PALSAR Leader File (LED-XXXXX)
- RADARSAT 2 product File (product.xml)
- TerraSAR-X product File (product.xml)

Resampling Method

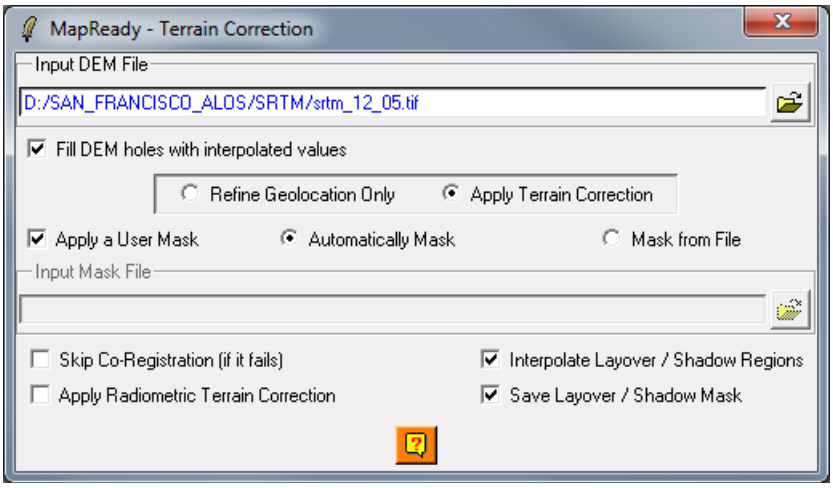
Three resampling methods are proposed to be used during the geocoding process.

Auto pixel size

If selected, ASF - MapReady geocodes the product with an automatic pixel size derived from the DEM File. Otherwise, the user can fix the value of the pixel pize after geocoding.

Terrain Correction

To improve geocoding process, a DEM file can be provided. Selecting, a specific widget is opened :



Different options are proposed to improve the geocoding process