GIS-SUITE - WSL Monoplotting Tool – Release Notes

http://www.wsl.ch/monoplotting

14.12.2015 - Version 1.5.4

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Shapefile import/export

Implemented import/export of polyline shapefiles.

Font problem on some displays

On some display the content of some lists was not correctly (control points, points, polygons, polylines); this problem has been fixed.

28.03.2015 - Version 1.5.3

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Conversion pixel -> world improved

The algorithm to compute the world coordinates of a pixel point has been improved: many cases failing in the previous versions are now correctly computed (thanks to Christopher Stockdale, University of Alberta, Edmonton, Alberta, Canada).

14.03.2015 - Version 1.5.3

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Shapefile import/export

Implemented import of 2.5D shapefiles: sometime it was not possible to import polygons. The reason was the lack of the management of 2.5D objects (objects with the z-coordinate).

Automatic conversion pixel <-> world

Points that cannot be coverted correctly will be setted to null points, i.e. points with dimension zero. An option was introduced to remove this points during the conversion.

06.03.2015 - Version 1.5.2

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Test version.

01.12.2014 - Version 1.5.1

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Shapefile import/export

Implemented a first version of import/export of shapefile (points and polygons): for now the shapefile structure is not considered: the only preserved field is the FID, also stored in the name of the object. This allow to recognize corresponding objects when reexporting the data in a shapefile.

Viewshed parameters

A button has been introduced in the camera window, to export the camera parameters neede to compute the viewshed in ArcGIS. Export can be done in ESRI shapefile or CSV format.

When the camera has a rotation AZIMUTH1/AZIMUTH2 and VERT1/VERT2 have a minimal, middle and maximal value; the returned values correspond to the projection of the smallest, middle or largest sector covered by the image.

12.11.2014 - Version 1.5

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Shapefile conversion

Two new features has been implemented to convert ESRI shapefiles from pixel to world coordinates and viceversa. To access this new functions look at the menu Tools->Shapefile or the to buttons on the left side of the program window.

05.11.2014 - Version 1.5

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Version for 32/64 bit OS

The setup file contains both versions, for 32 and for 64 bit operating systems. The corresponding version will be installed automatically.