

Coordinate conversion

Description

The matlab toolbox ConvertCoordinates can be used for coordinate transformations between a lot of coordinate systems. There is also a stand-alone version of this program with a Graphical User Interface (GUI) which is called [SuperTrans](#). The basis of this system is the EPSG Geodetic Parameter Dataset, which contains a lot of coordinate system definitions. The EPSG database is freely available at <http://www.epsg-registry.org/>.

Download

The toolbox can be downloaded below.

Note: this toolbox requires Matlab.

File	Modified
ZIP Archive convertCoordinates.zip v1.00.3362	22-11-2010 by mol

Help and support

Manual

To use this toolbox, download and extract the zip-file to a local directory, for example "d:\matlabtools\". Start Matlab and after initializing, enter at the command line:

```
>> addpath('d:\matlabtools\convertCoordinates');
```

Next, run 'ccsettings' to add all functions of this toolbox:

```
>> ccsettings;
```

In Matlab, support on using ConvertCoordinates is provided by:

```
>> help convertcoordinates
```

The same documentation can be found [online](#).

Tutorial

Tutorials are available within the toolbox (see the sub-directory 'tutorial'). They can also be found [here](#).

Feedback

This page facilitates the feedback of the users of ConvertCoordinates.

Bugs

Bugs can reported via the issue-management system of [OpenEarth](#). Frequent users are encouraged to [join the OpenEarth community](#). This will give you access to the entire OpenEarth toolbox repository, so that you can benefit directly from updates, code improvements and to commit your own code adjustments.

Forum

At the forum it you can post questions and remarks or start a discussion.