Installation of the NTv2 transformation "bd72lb72_etrs89lb08" between Belge72 and ETRS89 datums

File to be installed: bd72lb72_etrs 89lb08.gsb

This transformation was developed and validated jointly by the Belgian National Geographic Institute and the Service Public de Wallonie (SPW).

This document includes installation guides for
- ArcGIS Desktop 10.6 and 10.6.1
- ArcGIS PRO 2.1 and 2.2

In ArcGIS Desktop :

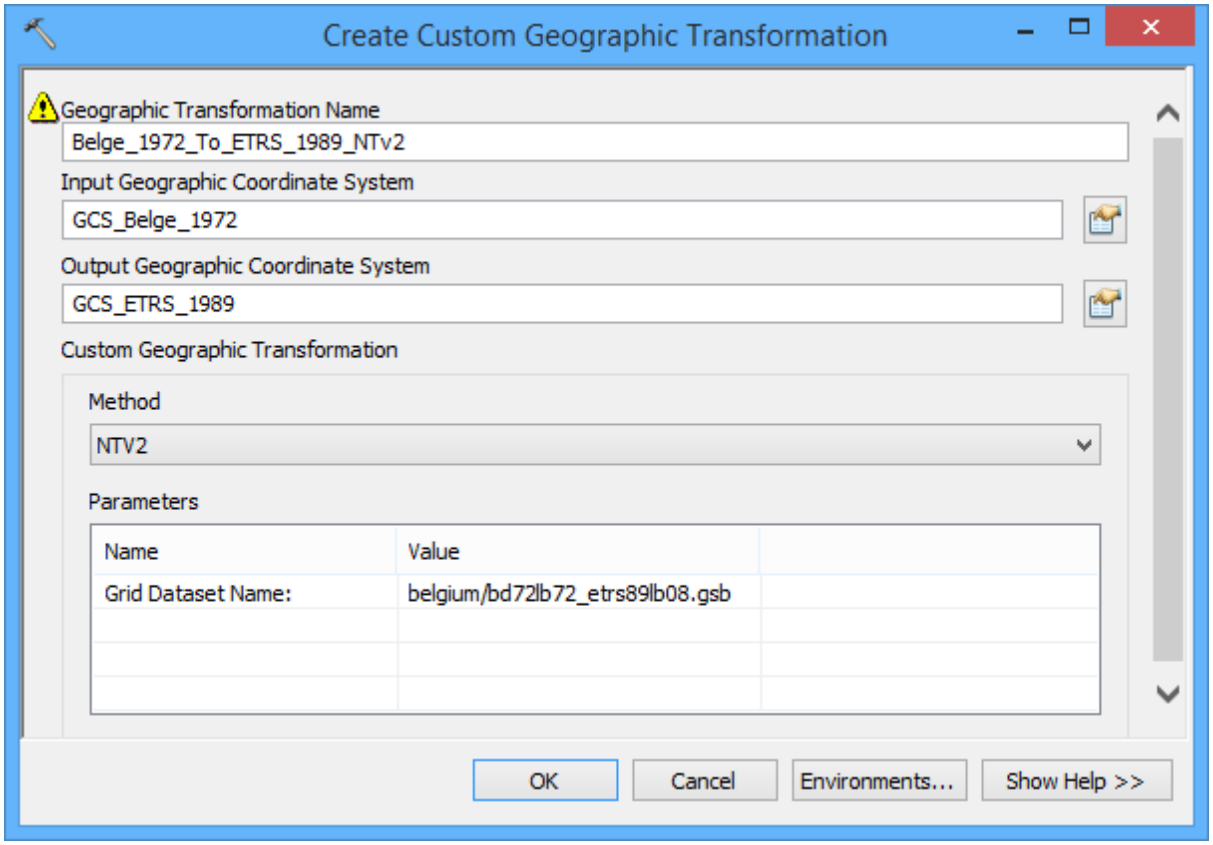
1. Create the directory "Belgium"
   in "C:\Program Files (x86)\ArcGIS\Desktop10.6\pedata\ntv2"

2. Copy the file " bd72lb72_etrs 89lb08.gsb "
   in "C:\Program Files (x86)\ArcGIS\desktop10.6\pedata\ntv2\belgium"

   This assumes a default installation of ArcGIS Desktop; if your software is not installed in the default locations, please adapt the directories to your specific installation.

3. In ArcCatalog, open the tool "Create Custom Geographic Transformation", in 'ArcToolBox, "Data Management Tools" -> "Projections and Transformations".

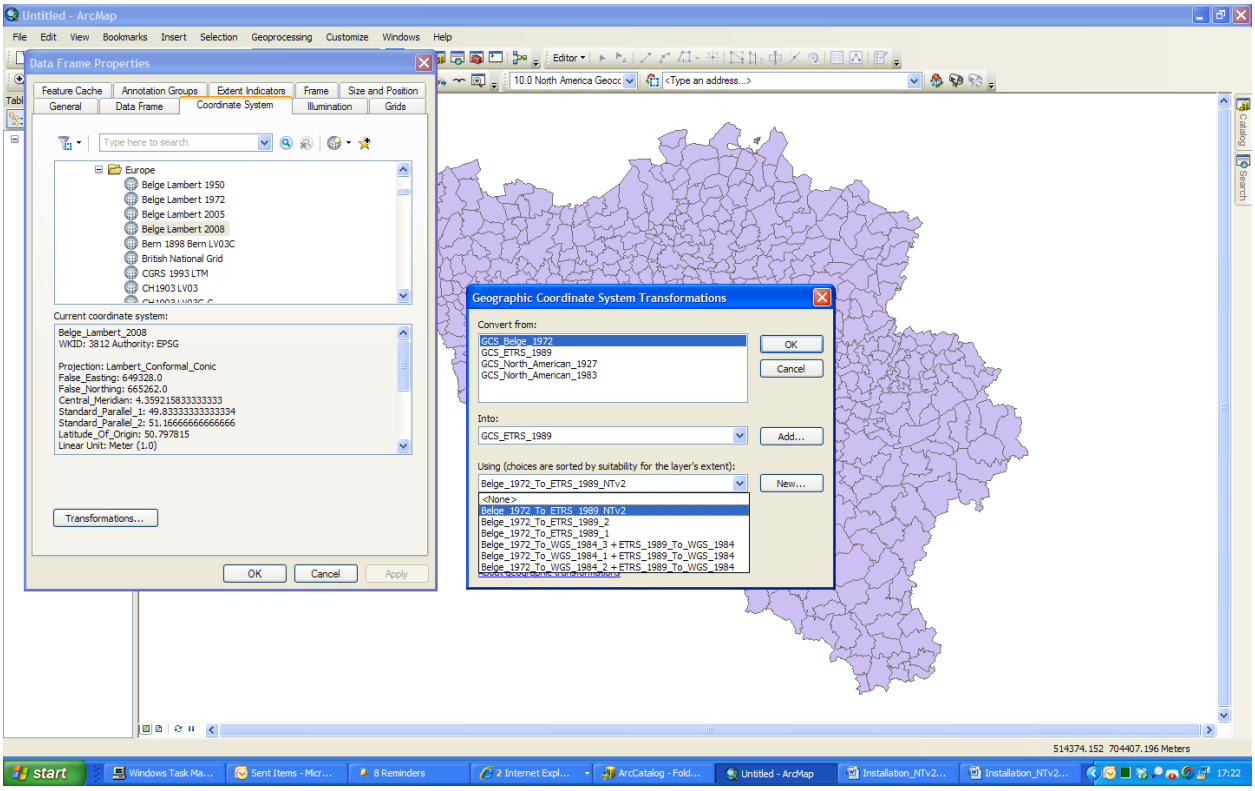
4. Fill in the different fields as indicated here below :



5. Click OK. The installation is finished!

Sample of use in ArcMap creating an “on the fly” projection of a shapefile in Lambert 72 projection in a Data Frame in Lambert 2008 :

(In order to get the “Geographic Coordinate System Transformations” pop-up, click “Transformations…” in the window “Data Frame Properties”, “Coordinate System”



In ArcGIS PRO

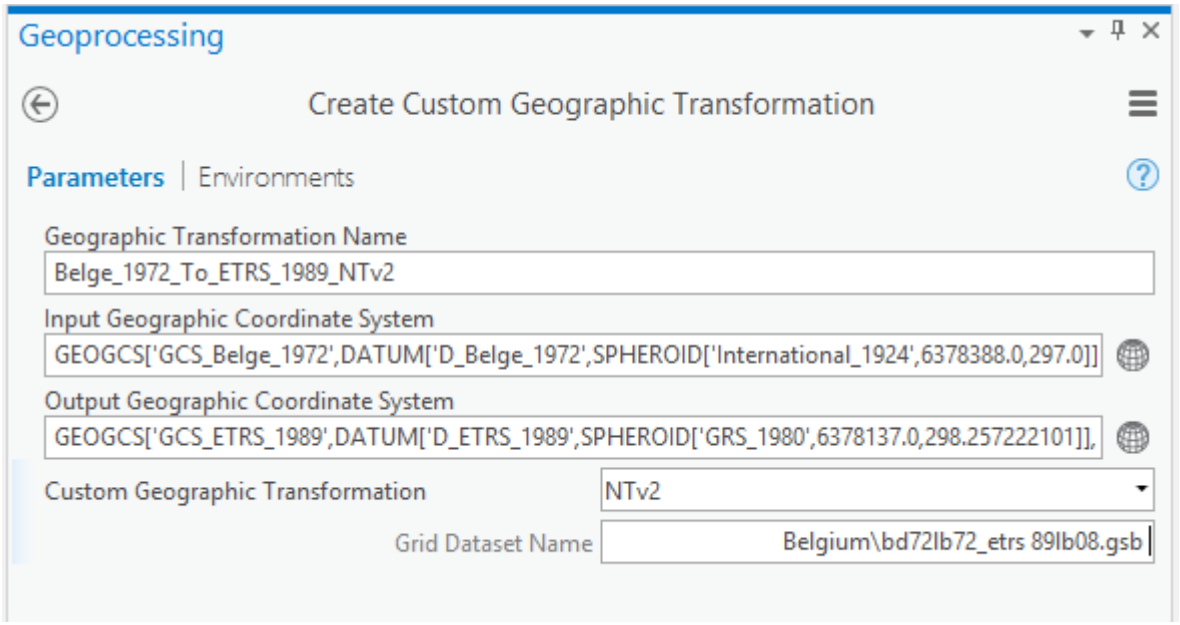
1. Create the directory “Belgium”
   in “C:\Program Files\ArcGIS Pro\Resources\pedata\ntv2” or
   in “C:\Program Files\ArcGIS\Pro\Resources\pedata\ntv2”, depending on how your software was installed.

   Please note the difference between ArcGIS Desktop, where the software is installed in ”C:\Program Files (x86)” as a 32 bit application, and ArcGIS PRO, where the software is installed in “C:\Program Files” as a 64 bit application.

2. Copy the file “ bd72lb72_etrs 89lb08.gsb ”
   in “C:\Program Files\ArcGIS Pro\Resources\pedata\ntv2\Belgium” or
   in “C:\Program Files\ArcGIS\Pro\Resources\pedata\ntv2\Belgium”, depending on how your software was installed.

3. In ArcGIS PRO, under the tab “Analysis”, click “Tools”. In the window on the right, search ”Create Custom Geographic Transformation”, and open it.

4. Fill in the different fields as indicated here below; for convenience and in order to get the right definition of input and output Geographic Coordinate System, use the drop down list by clicking the little globe on the right. Choose Belge 1972 and ETRS 1989 respectively.



5. Run the process. The installation is finished !

* * *