

Geodata delivery at the GIS-studio for publication on the UvA Geoportal

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The UvA Geoportal can be found at

<http://geodata.science.uva.nl:8080/geoportal/catalog/main/home.page>

The UvA GIS-Studio uses ArcGIS Server (as part of the Spatial Data Infrastructure – SDI) on a high performance computing server at FNWI for the management, publication and data download of geodata for researchers, staff and students of IBED, FMG, AUC and other Faculties of the UvA.

When new geodata is delivered, the following conditions have to be met:

Raw data:

1. The data has to be handed or sent in to the manager of the GIS-Studio on a USB-stick, hard drive or another suitable medium, or send be email, WeTransfer, FTP or other communication channel. The manager will upload the data to the geodatabase on the server, check and prepare the data to publish it.
2. The data is held in a file geodatabase (produced with the use of ArcGIS-ArcCatalog).
 - a. Vector data is organized in feature datasets (collection of feature classes) as far as possible
 - b. Raster data is preferably organized in raster catalogs, otherwise in separate rasters in the geodatabase
3. All data has to be delivered with a coordinate system (e.g. for the Netherlands the so-called Rijksdriehoekstelsel: RD_New).
4. Metadata describes the source, quality and foreseen usage of the data, as much as possible by the Inspire-guidelines (<http://inspire-geoportal.ec.europa.eu/>). An input application is to be found on: <http://inspire-geoportal.ec.europa.eu/editor/>. The in this way produced metadata must be delivered in the form of a xml-file and imported into the geodatabase by ArcCatalog per layer.

Visualization:

5. The data is present as layers in a ArcMap project file (.mxd file) with a self-explaining legend and visualization of points, lines, polygons and symbols in a clear map. The paths to the data have to be 'relative', so the mxd will open from any location (ArcMap > File > Map Document Properties > Pathnames > check 'Store relative pathnames to data sources').
6. Besides the ArcMap project file (.mxd) an export to .pdf-format is desirable, for a first impression of the delivered geodata, inclusive layout.