

## **HOW TO... HELP Guides and Tutorials**

### **ARCGIS**

#### **THE BASICS**

[Creating Simple Maps in ArcMap](#) (Waterloo)

[Getting Started with ArcMap 9.x](#) (Ryerson)

[Into to ArcMap \(9.3\)](#) (Brock)

[Moving Around in ArcMap](#) (Guelph)

[Selecting Geospatial Data](#) (Guelph)

[Working with Tables in ArcGIS](#) (Guelph)

[Defining Projections](#) (Guelph)

[Creating a Map Layout](#) (Guelph)

[Creating an ArcMap Layout](#) (Carleton)

[Calculating Geometry](#) (Guelph)

[Creating New Layers \(shapefiles\)](#) (Guelph)

[Intro to GIS for Computing in History](#) (course) (Brock)

#### **CLIPPING**

[Clipping a Single Layer in ArcMap](#) (Brock)

[How to Clip Multiple Layers in ArcMap 9.x](#) (York)

[Batch processing in ArcGIS](#) (Guelph)

[Clipping Geospatial Data](#) (Guelph)

[Clipping DEM Data](#) (Brock)

#### **CENSUS DATA**

[Intro to Statistical Mapping](#) (Brock)

[Mapping Census Data](#) (Waterloo)

[ArcMap & Census Data \(2006\)](#) (Toronto)

[ArcMap & Census Data \(2001\)](#) (Toronto)

[Mapping Canadian Census Data via IDLS](#) (Western)

[Importing CHASS Census Data into ArcGIS](#) (McGill)

[Working with Census Data in ArcMap 9.x](#) (Queens)

[How to join Census geography files with Census attribute data](#) (Queens)

[Guide to locating and downloading census 2006 boundary files](#) (Queens)

[Downloading data from ESTAT](#) (Carleton)

[Joining ESTAT data to ArcMap Shapefiles](#) (Carleton)

#### **GEOCODING**

[Geocoding addresses with ArcGIS 9.x](#) (McGill)

[Geocoding by Postal Code in ArcMap 9.0](#) (Ryerson)

[Geocoding / Address Matching](#) (Western)

[Mapping Survey Results \(geocoding in ArcGIS\)](#) (Waterloo)

[Geocoding by Street Address and Postal Code](#) (Waterloo)

#### **GEOREFERENCING**

[Georeferencing Images](#) (Toronto)

[Georeferencing in ArcMap](#) (Waterloo)

[Georeferencing historical maps in ArcGIS and Google Earth](#) (Waterloo)

[Georeferencing a raster dataset in ArcGIS 9.x](#) (McGill)

[Georectifying images in ArcGIS 9.x](#) (McGill)

## **IMPORTING into ARC**

[Importing ArcInfo Interchange files \(.e00\) to ArcInfo Coverages](#) (Brock)

Some data sets are delivered in ArcInfo Interchange file format (\*.e00). In order to use these files with ArcGIS (ArcView) they must be imported to ArcInfo *coverages*, at which point they can be exported to shapefile format (native to ArcView).

[Importing E00 files into ArcGIS 9.x](#) (McGill)

[Importing binary image data into ArcView & ArcGIS](#) (McGill)

[Importing DMTI Clutter Data into ArcGIS](#) (McGill)

[Convert .e00 format files](#) (Queens)

## **RASTER DATA**

[Converting DEM Data to Raster](#) (Brock)

[Opening Digital Elevation Data in ArcMap 9.x](#) (Ryerson)

[Working with DEM-DTM in ArcMap](#) (Waterloo)

[Finding, Converting and Mosaicking Digital Elevation Models \(DEMs\)](#) (Western)

[Merging GRID Files](#) (Brock)

[Creating Contours using ArcGIS/ArcMap](#) (Toronto)

[Generating Contours from a Digital Terrain Model \(DTM\) in ArcMap 9.0](#) (Ryerson)

[Importing National Elevation Data into ArcGIS 9.x](#) (McGill)

[Importing CDED data into ArcGIS 9.x](#) (McGill)

[Importing Canadian Digital Elevation Data \(CDED\) in ArcMap 9.x](#) (Ryerson)

[Using ETOPO2 grid data in ESRI software](#) (Queens)

[Defining Projection for Raster GRID data](#) (Brock)

[Working with OGDE DEM data in ArcMap 9x](#) (Queens)

[Opening and Merging Ontario Digital Elevation Model Files in ArcMap 9.0](#) (Ryerson)

[Working with NRVIS \(Ontario\) DEM](#) (Waterloo)

[Working with Grand River Conservation Area digital elevation models](#) (Waterloo)

[Surface Analysis Using DEM Data](#) (Guelph)

## **EXTENSIONS**

[Create a 3D Scene with ArcScene](#) (Western)

[Viewing DEM data in 3D using ArcScene](#) (Brock)

[DEM/3D in ArcGIS 8.3](#) (Toronto)

[DEM/3D in ArcGIS 9.0](#) (Toronto)

[3D Visualization of Contours and Orthophotos in ArcScene 9.0](#) (Ryerson)

## **OTHER ARCGIS**

[Creating Points from x,y data in ArcMap](#) (Brock)

[Importing tabular data with x,y coordinate values in ArcGIS 8.x and 9.x](#) (McGill)

[Geospatial Data format conversion](#) (Guelph)

[Adding x,y Coordinates to a table in ArcMap](#) (Brock)

[Converting GIS Files in ArcGIS](#) (Toronto)

[Downloading Geospatial Data](#) (Guelph)

[Setting the Scale and Adjusting Paper Size in ArcMap 9.x](#) (Ryerson)

[Saving Older MXD files in ArcMap](#) (Toronto)

[Saving to older .mxd files](#) (Guelph)

[ARCINFO Workstation – ARC – Converting .ADF Files TO .E00 Files](#) (Guelph)

[Merging \(Merge / mosaic\) geospatial data](#) (Guelph)

[Creating Buffers \(vector & raster\)](#) (Guelph)

[Working With .TBL Files – LIO SNIF Packaged Data](#) (Guelph)

## **ARCVIEW (3.X)**

- [Working with Files in ArcView](#) (Ryerson)
- [Importing E00 files into ArcView 3.x](#) (McGill)
- [Mapping x,y tabular data in ArcView 3.x](#) (McGill)
- [Clipping Multiple Files using BatchClip.avx](#) (Brock)

## **OPEN SOURCE GIS SOFTWARE**

- [Creating Simple Maps in QuantumGIS](#) (Waterloo)
- [Creating Simple Maps in TatukGIS](#) (Waterloo)
- [Creating Contours using Global Mapper](#) (Toronto)

## **GOOGLE MAP**

- [My Google Map - Basics](#) (Brock)
- [Adding GIS files to Google Maps](#) (Toronto)

## **GOOGLE EARTH/PRO**

- [Comparison of Google Earth and Google Earth Pro](#) (Waterloo)
- Using Google Earth (UTMississauga)
- [Intro to Google Earth](#) (Brock)
- Primary Database; My Places; adding custom features (points/lines/polygons) with descriptive text and basic HTML code (to insert a photo image).

[Creating Customized Maps in Google Earth](#) (Waterloo)

GE Guide (UTMississauga)

[Google Earth Level 1: Introduction](#) (Waterloo)

[Google Earth Level 2: Creating KML files](#) (Waterloo)

[My Google Earth](#) (Brock)

Google Earth basics, Gallery content (Rumsey Map, 3D buildings), transparency and the timeline function; adding an image overlay.

### **GE TOOLS**

[GPS Visualizer](#) (Carleton)

[How to Use the Google Earth gps toolbar](#) (Carleton)

[Using GPSVisualizer & Earth Point](#) (Brock)

This instruction uses GPS Visualizer to geocode addresses then pasted into Excel. Earthpoint website is used to view in Google Earth.

[ESRI \(SHP\) to Google \(KML\) File Conversion](#) (Brock)

[KML - conversion from Shapefile using ArcScript](#) (Waterloo)

[Converting Shapefile to KML Application Review](#) (Waterloo)

## **ACCESSING WEB RESOURCES**

[Mapping with EStat](#) (Brock)

[GeoSearch2006](#) (Brock)

[CanMatrix: Georeferenced](#) (Brock)

[CanMatrix: PDF](#) (Brock)

[Geological Survey of Canada \(GSC\) Maps on MIRAGE](#) (Brock)

[Downloading Ontario Base Data](#) (Brock)

[Downloading Ontario Road Network Data](#) (Brock)

[Ontario Geological Survey \(OGS\) Maps](#) (Brock)

## **OTHER SOFTWARE**

[Converting GIS Files in FME](#) (Toronto)

[Exporting Contours to Autocad using ArcGIS](#) (Toronto)

[How to Convert a Shapefile \(.shp\) into a CAD Drawing \(.dwg\) Format](#) (Ryerson)

[Creating a URL-Driven Webpage \(Zoomify\)](#) (Brock)

[Beyond 20/20 : Statistical Data Browser Software](#) (Waterloo)

[Importing images into WORD](#) (Brock)

## **CITING DATA AND MAPS**

[Cartographic Citations Guides / Références à des documents cartographiques](#) (ACMLA)

## **RESOURCE GUIDES**

[Resources for Architecture, Landscape, and Design](#) (Toronto)

*Compiled April 2010*