

## **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 \(Guelph\)](#)  
[GIS Analysis using ArcGIS \(Waterloo\)](#)

## **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 (UTM)  
[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.

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

## **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)

[Online Mapping](#) (includes tutorials for Google Earth, Scribble Maps, Mapme.com) (Waterloo)

## **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)

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