How to Reference Geospatial Data, Maps, Atlases, Air photos

**GIS Data** (vector data acquired from an electronic source, i.e. Scholars GeoPortal, Niagara Open Data website, Map Library local access)

a) Basic Form from website:
*Database Title [format]. Place of publication: Publisher, Date. Available: Name of site and <URL> (accessed date).*

**Example:**

b) Basic Form from local access:
*Data Title [format]. Place of publication: Publisher, date. Available: Local access information (accessed date).*

**Example:**
*NPCA Natural Areas Inventory [computer file]. Welland, ON: Niagara Peninsula Conservation Authority, 2011. Available: Brock University Map, Data & GIS Library Controlled Access MapLibrary\DATA\Niagara\NPCA\NPCA_WRIP_largescale\NaturalAreasInventory\ (Accessed March 22, 2013).*

**Map created using GIS Software** (a map you prepared in ArcGIS using multiple data layers)

Basic Form:

**Example:**

**Satellite Imagery**

Basic Form:
*Author. Title or Scene ID, Satellite and sensor name, processing level. Place of publication: Publisher, Date of image collection.*

**Example:**
**Digital Static Map** (Map from a website or other digital collection that cannot be altered)

a) Basic Form from website:

**Author. Map Title [format]. Scale. “Title of website”. <URL> (accessed date).**

*Example:*

Brock University Map Library. *St. Catharines-Niagara Census Tracts: Average Household Income* [map]. Scale [ca. 1:200,000]. “Niagara Region 2006 Census Map and Charts”. 

b) Basic Form from local collection:

**Map Title [format]. Scale, if known. Atlas Name [format]. Place of publication: Publisher, Date. Available: Local access information (accessed date).**

*Example:*


**Interactive Map created from a Website** (a map you generated from a web site, by adding, removing, or customizing layers, i.e. Niagara Navigator, ArcGIS online, Scholars GeoPortal)

Basic Form:

**Author. Title of map created [format]. Layers used. Scale. Name of person who generated map; using “Title of Website” <URL> (accessed date).**

*Examples:*


**Map generated using Google Earth**

Basic Form:


*Example:*

Maps, Atlases & Airphotos

Single Map
Basic Form:
Author. Title [format]. Edition (if indicated). Scale. Place of publication: Publisher, Date.

Example:
Brock University Department of Geography Cartography Office. Sub-appellations of the Niagara Peninsula Wine Region [map]. Scale 1:60,000. St. Catharines, ON: Brock University Department of Geography, 2005.

Atlas Citation
Basic Form:
Author. Title. Edition (if indicated). Place of publication: Publisher, Date.

Example:

Map in a Topographic Series
Basic Form:

Example:

Map in a Thematic Series
Basic Form:

Example:

Map in a Book
Basic Form:

Example:
**Map in an Atlas**

Basic Form:


*Example:*


**Air Photo** (refer to individual flight line indexes)

Basic Form:

Source. *[Title] [format]*. Scale. Line/roll number. Photo number. Place of publication: Publisher, Date.

*Example:*


**Sources:**


Ohio Westlayan University Libraries http://library.owu.edu/citing222.htm
