Metadata

National Capital Commission Digital Elevation Model

Description

DEMs consist of a sampled array of elevations for a number of ground positions at 10 m intervals . These DEMs have been derived from the digital orthophotos from the National Capital Commission (10 m for this data). Consult the NCC digital index to select the DEM data.

Data Use Restrictions

Use of the data is restricted to University of Ottawa students, faculty and staff for academic teaching and research. Users are required to sign a Data User agreement before files may be acquired. All use of the data shall acknowledge the National Capital Commission as the owner of copyright.

Data Format

DEM
Time Period: Gatineau Park 1994,
                Urban area 1998.

Technical Details

Resolution: 10 m
Projection: Modified Transverse Mercator
Datum: NAD83
Zone: 9
Z units: No
Units: Meters
Spheroid: GRS1980
Xshift: 0.0000000000
Yshift: 0.0000000000
Parameters:
0.99990 /* scale factor at central meridian
-76 30 0.000 /* longitude of central meridian
0 0 0.000 /* latitude of origin
304800.00000 /* false easting (meters)
0.00000 /* false northing (meters)

Accessing the data

The DEM files are available at the GSG. Consult staff for further information.

Citation Format

National Capital Commission. Digital Elevation Model Data: [Ottawa-Hull and Gatineau Park]. [computer file]. Ottawa : National Capital Commission, 2001.

How To Use

Change the extension of the [demfile].dem to [demfile].txt
Open the [demfile].txt in Notepad and add the following header line
x,y,z
save the [demfile.txt]
You can now add the dem file in ArcGIS by selecting "Add X,Y Data".