

Dataset Name: **LiDAR DEM 1m** Date Released: **10-Apr-13**

Open Data Category: **Locations and Mapping** Business Unit: **Finance and ICT**

Dataset Group: **Elevation**

Data Description:

A digital elevation model (DEM) at a resolution of 1 m that shows the topography of the land. This DEM is what is called a bare earth model; in that the elevation model is representative of the land without taking into account the trees and buildings.

Data Purpose:

The original LiDAR data that the DEM was derived from was captured by PHB Lasermap for HRM in April 2007 and was processed by Applied Geomatics Research Group at NSCC in 2012.

Notes or Disclaimers:

This is a raster image file type that can be utilized by ESRI's free mapping software, ArcGIS Explorer.

Dataset Owner: [Halifax Regional Municipality](#)

Owner Contact Information: opendata@halifax.ca

Associated Dataset(s):

LiDAR DEM 2m, LiDAR DEM 5m, LiDAR DSM

Dataset Tags:

Topology, Bare Earth, DEM, LiDAR, Derived Dataset, Elevation, Land

Fitness for Use: **Excellent** Maintenance Frequency: **Not applicable**

Dataset Period of Coverage: **2012** Coordinate System: **WGS 84**

Dataset Source: **GIS** Dataset Source Format: **SDE Raster Dataset**

Data Refresh: **No - it is static** Refresh Frequency: **Not applicable**

Attributes: See 'Appendix A'

Terms of Use: [Open Data Licence](#)

Appendix A

Dataset Name: **LiDAR DEM 1m**
Feature Class Name: CON_DEM_1M
Feature Type: Raster Dataset

September-14-16

Open Data Metadata		Dataset Metadata		
Published Name	Description	Field Name	Field Type	Field Length
	This is the elevation above sea level that is generated by the ESRI software for display purposes to generate a more graduated look to the DEM	Stretched Value		
	This is the true elevation above sea level value related to each pixel of the raster image	Pixel Value		