Open Data Dataset Metadata

2020-06-17

Dataset Name: LiDAR DEM 5m 2018

Open Data Categories: Boundaries & Topo

Date Released: 2020-06-24

Data Description:

A seamless hydro-flattened digital elevation model (DEM) with 5 metre resolution. The 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 LiDAR data was captured for the Halifax Regional Municipality's coastal flood mapping project through topographic and topo-bathymetric lidar data collection in 2017-2018 and was processed by the Applied Geomatics Research Group at NSCC.

Notes or Disclaimers:

Vertical datum is cgvd2013. The Vertical accuracy is plus/minus 15cm

Dataset Owner: Halifax

Owner Contact Information: opendata@halifax.ca

Dataset Tags:

Topology, Bare Earth, DEM, LiDAR, Derived Dataset, Elevation, Land, Halifax Open Data, Boundary Topo

Fitness for Use: Excellent

Dataset Period of Coverage: 2018

Dataset Type: Spatial

Dataset Format: SDE Raster Dataset

Coordinate System: WGS 84

Maintenance Frequency: Not applicable

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 5m 2018** June 9, 2020

Feature Class Name:

Feature Type: Raster Dataset

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		