

Dataset Name:

Open Data Categories:

Date Released:

Data Description:

A seamless hydro-flattened digital surface model (DSM) with 1 metre resolution. The DSM captures the land surface and natural and built features on the earth's surface, such as 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. Due to limitations of the sensor used in the topography lidar data acquisition mission, the dataset excludes a significant number of buildings and other asphalt surfaces such as driveways. Users should use caution when using the data for those purposes.

Dataset Owner:

Owner Contact Information:

Dataset Tags:

Topology, DSM, LiDAR, Derived Dataset, Elevation, Land, Halifax Open Data, Boundary Topo

Fitness for Use:

Dataset Period of Coverage:

Dataset Type:

Dataset Format:

Coordinate System:

Maintenance Frequency:

Data Refresh:

Refresh Frequency:

Attributes: See 'Appendix A'

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

Appendix A

Dataset Name: **LiDAR DSM 2m 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 DSM	Stretched Value		
	This is the true elevation above sea level value related to each pixel of the raster image	Pixel Value		