

# METADATA MANAGEMENT TOOL (LIO)

## LiDAR Eastern Acquisition Project (LEAP) Digital Terrain Model (DTM) (2009)

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Title	LiDAR Eastern Acquisition Project (LEAP) Digital Terrain Model (DTM) (2009)
Date	2017-12-20
Date type	Publication
Abstract	<p>LiDAR Eastern Acquisition Project (LEAP) DTM (2009) consists of a 1 meter resolution Digital Terrain Model based upon elevation information derived from returns collected by an airborne lidar sensor.</p> <p>The lidar DTM covers an area including Prince Edward County, Ontario, with a total project area of 4567 KM2 encompassing the Picton ecodistrict known as '6E-15'. This data was acquired and collected by the contractor during May and December of 2009 and was delivered in 2010. An extensive technical review of the LEAP deliverables conducted by MNRF's former Southern Region identified a number of inconsistencies and errors in the data based on the Technical Guidelines and specifications and identified that the lidar deliverables did not adhere to the specifications within the Agreement. MNRF staff subsequently made extensive quality control improvements to the deliverables resulting in what is considered to be a fully modified, edited, and reformatted derivative product.</p>
Purpose	<p>High quality and high resolution Light Detection and Ranging (LiDAR) elevation data has been shown to have a high return on investment across a broad range of applications. Ontario's Open Data Directive maximizes access to government data by requiring all data to be made public, unless it is exempt for legal, privacy, security, confidentiality or commercially-sensitive reasons. MNRF has been working collaboratively with partners, including Natural Resources Canada, to free up existing high quality elevation datasets as Open Data to support critical initiatives such as flood risk mapping.</p>
Metadata language	eng
Hierarchy level	Dataset
Linkage	<a href="https://www.sse.gov.on.ca/sites/MNR-PublicDocs/EN/CMID/LEAP-DTM-UserGuide.PDF">https://www.sse.gov.on.ca/sites/MNR-PublicDocs/EN/CMID/LEAP-DTM-UserGuide.PDF</a>
Protocol	WWW:LINK-1.0-http--related
Linkage	<a href="https://www.sse.gov.on.ca/sites/MNR-PublicDocs/EN/CMID/Lidar%20Eastern%20Acquisition%20Project%20(LEAP)%202009%20-%20Index.zip">https://www.sse.gov.on.ca/sites/MNR-PublicDocs/EN/CMID/Lidar%20Eastern%20Acquisition%20Project%20(LEAP)%202009%20-%20Index.zip</a>
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Keyword	Ministry of Natural Resources
Keyword	Airborne Topographic Lidar
Keyword	Digital elevation model
Keyword	DEM
Keyword	Mass Points
Keyword	Light Detection and Ranging
Keyword	LIDAR
Keyword	Terrain
Keyword	Topography
Keyword	Elevation
Type	Theme

Description	Picton ecodistrict '6E-15'
West bound	-77.78241
East bound	-75.61755
South bound	43.8276
North bound	44.66549

Distance	Meters
Distance	1
Statement	TBD
Date type	Not Available
Cited responsible party	

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Role	Author
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