



NWT Centre for Geomatics

May 2018

Government of
Northwest Territories

Who are we?

- ❑ Initially established in 1987 as the NWT Centre for Remote Sensing with 3 staff.
- ❑ Today team includes 13 staff with the potential of 3 more on the horizon.
- ❑ Government-wide corporate service and part of Informatics Shared Services.



NWTCG Services

❑ Geomatics Services

- Cartographic products / mapping
- Spatial analysis
- Data creation/maintenance
- Data validation



❑ Remote Sensing Services (Earth Observation)

- Data acquisition and tasking
- Image interpretation/analysis
- Spatial monitoring (multispectral, temporal, 4 dimensional)
- UAS coordination and Services




❑ Enterprise Spatial Data Systems and Administration

- Web map and data services and tools

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Cross-section of Online services


(login)
 Enabling discovery, exchange and access to geomatics data throughout the NWT

HOME ► DATA ► WEB MAP SERVICES (WMS) ► WEB MAP SERVICES CHART

WEB MAP SERVICES CHART - GNWT OPERATIONAL LAYERS (BASED ON ISO-THEMES)

Below is a table that represents Iso-themed vectors, Basemaps or Mosaics Web Mapping Services (WMS). Click on an icon below to open the service in ArcGIS MAP, ArcGIS explorer, Google Earth, ArcGIS.com or right click to copy shortcut the OGC WMS link into any other WMS compatible GIS software.

FAQ: Layers within the operational layers are not visible. These layers will have to be turned on in the GIS software to be utilized.

	Metadata	Preview	ArcGIS Map	ArcGIS Explorer	Google Earth	ArcGIS.com Map	OGC WMS
Boundaries							Link
Economy							Link
Elevation							Link
Environment							Link
Geoscientific							Link
Imagery Base Land Cover							Link
In Land Water							Link
Location References							Link
Planning Cadastre							Link
Search Service							Link
Utilities & Communication							Link
Transportation							Link
Structure							Link



Other Activities

- ❑ Education and Outreach
 - Edukits
 - Community engagements
 - Promotion of tools and services
- ❑ Training
 - UAS
 - Data tools and viewers
 - Field operations
- ❑ Partnerships
 - ❑ Canadian Council on Geomatics
 - ❑ Natural Resources Canada
 - ❑ Aurora Research Institute
 - ❑ NASA ABoVE
 - ❑ Academic



Where are we now?

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Opportunities

- Enterprising systems
- Internet of Things
- Smart Cities / Communities
- Strategic plan and Governance
- Cloud-based big geospatial data analytics tools
- Northern Canada Geospatial Innovation Centre



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