

Digital Raster Acquisition Project – East

2014

Objective

Coordinate a partnership to acquire high resolution aerial imagery for south-eastern Ontario in 2014. This project will update imagery acquired from the 2008 acquisition project called DRAPE.

Background

High resolution imagery is used as a background for mapping, asset management, research, analysis, emergency management and response, planning and more.

The Government of Ontario's new Imagery Strategy provides Land Information Ontario with a mandate to acquire imagery for southern Ontario and select portions of northern Ontario over the next five years. Land Information Ontario has successfully led a number of collaborative projects to acquire imagery on behalf of large groups of organizations.

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Project Specifics

The Digital Raster Acquisition Project – East (DRAPE 2014) will acquire 20 cm resolution, leaf off, multi spectral imagery that is accurate to 50 cm “on the ground”. The imagery will be acquired in south-eastern Ontario in the spring of 2014. Funding partners will have access to all products generated from the project, including stereo data, digital surface models and ground control points.

The acquisition area (*Figure 1*) has been adjusted from the 2008 DRAPE project in order to reduce the overall size of the project area. The boundaries may change as they are based on the needs of participating organizations.

A Steering Committee is being formed to lead the project and develop partnerships across public and private sectors. The Steering Committee ensures a coordinated, sector-based approach, and will deliver presentations during stakeholder meetings to demonstrate how their business areas use imagery.

Funding

A revised funding model was generated for our most recent project in south-central Ontario, and proved to be beneficial to all organizations.

A minimum of \$1,000.00 is required to become a partner.

The funding model uses cost-per-square-kilometre to calculate the total amount for each organization based on the number of 1 km x 1 km tiles ordered.

A new subscription model has been developed for organizations that do not have a previously defined area of interest. The model allows groups to order imagery on an “as needed” basis at the partnership rate.

Partners are encouraged to promote the project to other organizations within their jurisdictions. As more partners become involved, cost decreases for each organization. This cost sharing structure results in significant savings for all participants. Larger municipalities have historically saved over \$400,000 each.

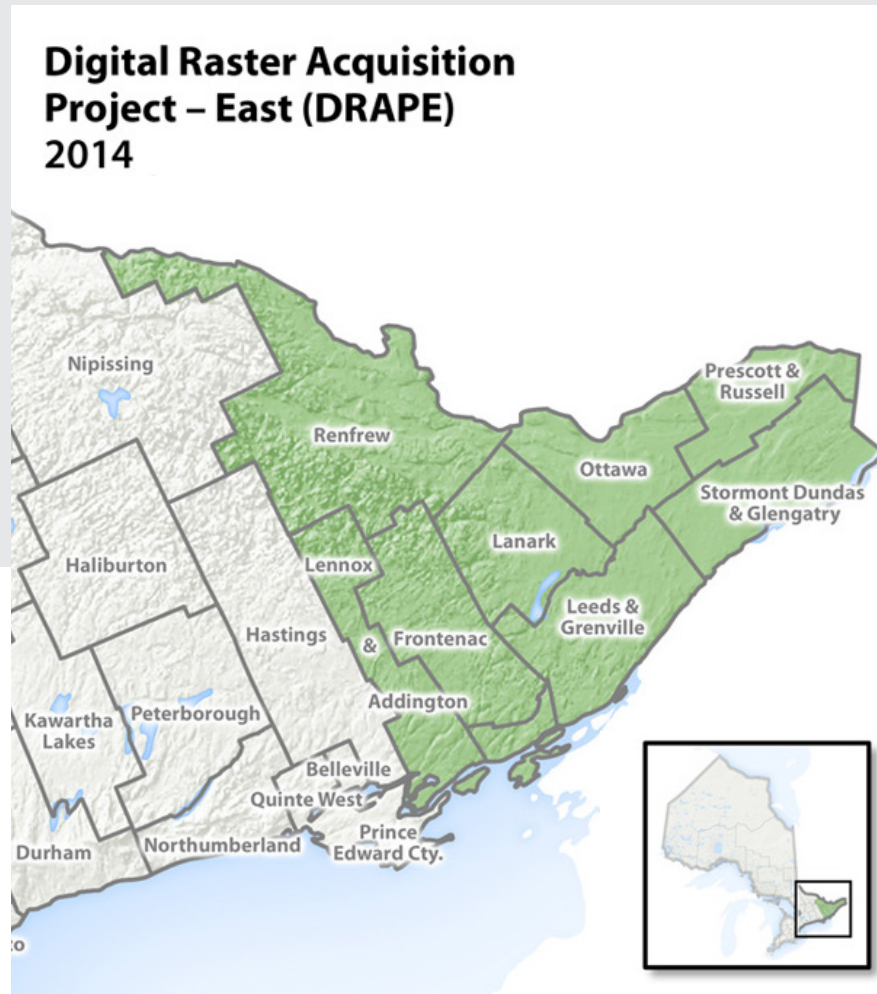


Figure 1. Projected acquisition area for DRAPE 2014

Benefits

- ✓ Significant cost savings to all participating organizations
- ✓ Access to high quality, geographically referenced information that can be easily interpreted and mapped
- ✓ Current and accurate base line information that is geographically referenced and can be used to update a wide variety of geospatial information

Access to Products

Copyright for imagery products acquired through this project will be owned by the Queen's Printer for Ontario. All contributing organizations will be required to enter into an agreement with the Ministry of Natural Resources to facilitate the transfer of funding and to identify the terms and conditions for the use of the products. Terms and conditions on the use, sale and distribution of the end products are dependent on the type of organization involved.

Timelines

The Steering Committee will promote the project to potential partners so that all organizations are aware of their opportunity to participate. Meetings will be held over the next few months to further develop partnerships and provide more project details.

Fact sheets and additional information will be posted periodically on the [LIO web site](#).

More Information

To receive updates and meeting announcements, contact [Mike Robertson](#) at [Land Information Ontario](#), 705-755-1280.

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