



*Natural color, 3-inch resolution,  
Portland Head Light, Cape Elizabeth, ME*



# MAINE GEOLIBRARY ORTHOIMAGERY PROGRAM



Infrared, 3-inch resolution, Ogunquit, ME



Natural color, 3-inch resolution, Ogunquit, ME

As conditions in the economy increasingly impact resources, a more cost-effective and efficient means of managing and maintaining assets is essential. With reliable, statewide data, agencies and departments benefit from more accurate information for better, timelier decision-making to reduce unwanted costs or, at times, eliminate them altogether.

The Maine Geolibrary is coordinating a five-year program to collect new orthoimagery for the entire state. If your county participates, **the program includes base imagery at two feet and one meter, with acquisition buy-up options for local governments and organizations, including both increased resolution orthos (three or six inches) and LiDAR.** Reflights for areas in the program are scheduled every three to five years.

The program also includes products that can be derived from the imagery, such as the following:

- Automated feature extraction
- Digital terrain models with contours
- Planimetrics
- Land use/land cover
- Solar maps
- Building footprints
- Impervious surfaces

These derived products can be purchased at the time the imagery is flown, or later, as budgets allow.

Imagery collected through this program will include four-band geotiff images (including infrared) and will be available to the municipalities and state/local organizations. In addition to the base imagery, municipalities have the opportunity to acquire a number of buy-up options at a reduced cost.

This data can be used for a number of projects or activities, including:

- emergency response
- Wildlife management
- natural resource planning
- transportation planning and management
- economic development
- impervious surface/stormwater billing
- Land use/land cover
- And much more

**“Why can’t I simply use Google Earth or Maps to plan my projects?”**

*The answer is simple: the accuracy, resolutions and updates for free sources of imagery are undetermined. They lack flexibility and accuracy.*

*And, most importantly, the data can’t be integrated into GIS software.*





[WWW.MAINE.GOV/GEOLIB](http://WWW.MAINE.GOV/GEOLIB)

MICHAEL SMITH | 207.215.5530  
D/DESIGNERS

[WWW.FACEBOOK.COM/MAINEORTHOS](http://WWW.FACEBOOK.COM/MAINEORTHOS)

[WWW.TWITTER.COM/MAINEORTHOS](http://WWW.TWITTER.COM/MAINEORTHOS)

LINKEDIN GROUP: MAINE ORTHOS

