Imagery Citation

Anytime DigitalGlobe, Inc. commercial satellite imagery is used it must include a copyright. The copyright is attribution to the vendor acknowledging their contribution and source data.

The copyright verbiage (below) is simple. Replace [year] with the year of the image acquisition date. In the case that there are images from multiple years, use the current year.

**Imagery © [year] DigitalGlobe, Inc.**

- You may replace the © symbol with “copyright” or “(c)” if necessary

There are several different ways which the copyright can be included. Here are a few common examples. Regardless, the *copyright verbiage is always required.*

**In a caption**

For most academic publications, reports, and posters, the copyright statement, included for each image, will suffice. The caption should never be separated from the figure.
Source: Burton, et. al (2018)

**On the image**

When an image is “stand-alone,” you may place the copyright text directly on the image itself. Having the copyright on the image itself ensures the statement is always with the image.
In data credits
If the imagery is used on cartographic products (e.g. maps), you may opt to include the copyright statement in the data source listings of the map margins.
Map Information:
Scale 1:10,000 when printed at 24” x 24”

WGS84 Antarctic Polar Stereographic Projection
Central Meridian 167°9’W - Standard Parallel 71°S

Data Sources:
1.84-meter true-color WorldView-3 Imagery © 2018 DigitalGlobe, Inc.
Image date: November 23, 2016

Elevation contours derived from 2-meter Digital Elevation Model created from DigitalGlobe cloud-free imagery.
Contour interval 10 meters - Elevation based on WGS84 Vertical Datum

Survey Control Markers provided by UNAVCO
GPS trail data & ice features from Field Safety Training Program (FSTP), Antarctica

Antarctic Specially Protected Areas (ASPA) provided by Environmental Research Institute of Michigan
Placenames derived from USGS GNIS

Source: Polar Geospatial Center

CONTROLLED WEB APPLICATIONS

Imagery in an online GIS application, website, or web service must have access control for your team and adhere to the NextView license. These applications must not be public-facing and must include copyright statement visible on the map / app.
Acknowledging the PGC

National Science Foundation (PGC’s primary funding source) policy requires researchers to acknowledge NSF support in all publications, web pages, and media interviews.

PGC has developed an extensive acknowledgement policy to walk you through our expectations. Follow the link below for the complete policy.

Visit PGC Acknowledgement Policy

Note: The PGC Acknowledgement Policy is also delivered as a document with every imagery delivery.

Approval for Public Release

In 2017, the National Geospatial-Intelligence Agency (NGA) issued a policy for NextView-licensed imagery in coordinated public releases.

The purpose and background of the approval framework can be found here.

As a commercial satellite imagery user via PGC, you must get approval from NGA to publish that imagery (which is licensed under the NextView license) in publicly-accessible materials. Approval is required for, but not limited to:
• Academic Journals (any access)
• Posters and Presentations
• Websites, Blogs, and Social Media
• Any other format with public access

Products Included

SUBJECT TO COPYRIGHT, NEXTVIEW LICENSE, AND NGA APPROVAL

• Imagery: Raw or processed imagery with georeferencing information
• Imagery Derived Products: Satellite imagery maps, reduced resolution images, imagery screenshots

NOT SUBJECT TO COPYRIGHT, NEXTVIEW LICENSE, AND NGA APPROVAL

• Derived Products: Non-imagery datasets or images such as line drawings, Digital Elevation Models, analysis results (e.g. NDVI, Land-Use Classification, GIS features extracted from imagery).

If you are unsure, for any reason, where your “product” falls within these categories, we urge you to contact us for further guidance.

Essentially, any product that retains a form of the original pixels (which inherently have a commercial value), must be approved by NGA if it is going to be released publicly.

Failure to adhere to this requirement will result in loss of future imagery access (for you and potentially others). Please note, regardless of the copyright and public release requirement, all deliveries from PGC must adhere to the PGC Acknowledgement Policy.

Approval Process

You must contact PGC if you are to use imagery or imagery derived product in any of the formats above which will be in the public domain. PGC will then forward your objectives and imagery use to NGA for approval.

You must send this to PGC for review well before your material is released in the public domain (print, online, presented). For peer-reviewed publications, we recommend sending for approval when your manuscript is in review.

The review process, from submitting to PGC to approval, will normally take less than 24 hours. PGC has streamlined this process so you don’t have to!

1. Download and complete the Submission Form Template (Word document).

Download Submission Form Template

2. Email the completed submission form and pre-published material (draft manuscript, image, figure, caption, etc.) as attachments to pgc@umn.edu with “Imagery for Public Release – [Your Last Name]” in the subject line.

3. PGC will forward to NGA for approval immediately.

4. PGC will notify you upon approval, unless further information is needed.

Note: The published material must still include the proper copyright and acknowledgements (see above sections).
Why?

PGC often receives the question, why is this so complicated?

PGC’s goal is to make imagery citation, acknowledgement, and approval for public release as simple as possible for our users. PGC has successfully navigated the satellite imagery license and built relationships with the vendors so that researchers can do science with this incredible resource.

The requirements as listed above are simply to acknowledge the effort and resources provided by all parties. A failure to do so substantially risks the access to imagery for civilian science.

We encourage you to reach out to PGC with any questions about the license, DigitalGlobe, NGA, or the approval process.

Summary

In this Guide, we’ve covered:

- Citation requirements for DigitalGlobe imagery
- Acknowledgements the PGC
- NGA Imagery for Public Release approval process