



The data consortium consists of Denver Regional Council of Governments members and regional partners with an interest in geospatial data and collaboration. The data consortium newsletter improves communication among local GIS professionals and features updates from all levels of government as they relate to data and geospatial initiatives in our region. This newsletter is published quarterly.

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Take the Denver Regional Data Consortium survey

We're so glad you're part of the Denver Regional Data Consortium community! Please take a moment to give DRCOG feedback on how to make DRDC even more valuable.



Results will be summarized in the fall newsletter.

Please note: Our next [DRDC meeting](#) is July 27 from 10 to 11:30 a.m. at DRCOG in the Independence Pass conference room.

Census technical workshop for Local Update of Census Addresses in October

The U.S. Census will hold a technical workshop for the Local Update of Census Addresses at DRCOG the morning of Oct. 11.

The [Local Update of Census Addresses](#) (LUCA) is the only opportunity offered to tribal, state, and local governments to review and comment on the U.S. Census Bureau's residential address list for their jurisdiction prior to the 2020 Census. The program for the 2020 Census was introduced in January of 2017. Registration for the program began in July and ends Dec. 17.

The technical workshop is designed for local address coordinators, GIS practitioners, or local planners to help them understand the LUCA process and how they will participate in the program. Workshop conveners will discuss and demonstrate:

- LUCA program timeline
- participation options
- LUCA data format
- use of the U.S. Census Bureau's Geographic Update Partnership Software (GUPS) based on QGIS
- use of ArcGIS and Microsoft Excel

Participants can expect a detailed view of the process with a technical discussion on address lists and GIS data processing. Workshop participants will spend several hours reviewing sample data using live software and discuss the Census Bureau's geocoding tool as part of the process. While not required, attendees may choose to bring their own laptop, ArcGIS, Microsoft Excel and local address list to explore LUCA processing options. Workshop conveners will demonstrate a prototype but are unable to distribute the U.S. Census Bureau's GUPS tool.

Pre-registration is required.



Update on the 2016 Planimetrics Project

Article submitted by Ashley Summers, GISP, PMP, information systems manager at DRCOG. Ashley can be reached at 303-480-6746 or asummers@drco.org.

In our [January newsletter](#), we reported that DRCOG and several partners were attempting to perform an update of the 2014 planimetric data using 2016 DRAPP imagery but were unable to close the funding gap required. We are happy to say that more partners joined the project - for a total of 27 - and we are now underway creating a full update to our previous product.

The 2016 planimetric project is segmented into [14 groups](#) for processing and delivery. All areas are expected to be delivered by the end of 2017. Groups 1 and 2 are already [available for download from our Regional Data Catalog](#).



The 2014 data has proved useful for a variety of applications, including pedestrian-routing, building inventories, creating emergency response plans and sidewalk quality and availability studies. The 2016 data can help us evaluate change over time by enabling us to do such things as quantifying new impervious surface (above) or locating our recent infrastructure investments.

The image below compares new sidewalks built within (pink) and outside of (yellow) a transit-oriented development area (half-mile around a transit station).



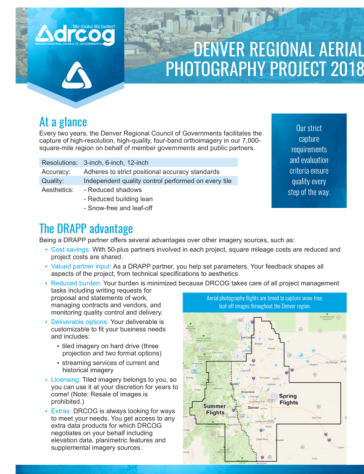
Stay tuned to our Regional Data Catalog as we expect to upload more data each month. If you find this data useful for your work, please consider sending us a summary of your analysis. Understanding how the community is using our data helps us continue to offer it for free.

Update on the 2018 Denver Regional Aerial Photography Project

DRAPP 2018 starts next spring but it's never too early to start planning! For those that haven't participated before, here's a quick summary of DRAPP: In the spring and summer of every even year, DRCOG facilitates a project to acquire high-resolution aerial imagery for our 7,000-square-mile region. The project takes two years to plan, execute, and deliver the imagery, but it's worth the wait. The resulting data is four-band, leaf-off, snow-free and follows [best-practice recommendations for positional accuracy standards](#) suggested by the American Society for Photogrammetry and Remote Sensing.

[Read more about the benefits of DRAPP.](#)

DRCOG held a kick-off meeting May 11. You can find the presentation and minutes on [our website](#). Following this meeting, past project partners received quotes to participate. If you did not receive a quote and want one, please email me at asummers@drcog.org. We will be signing up project partners from now until the end of the year - but sooner is better if you want input into the specs!



At a glance

Every two years, the Denver Regional Council of Governments facilitates the capture of high-resolution, high-quality, four-band orthorectified imagery in our 7,000-square-mile region on behalf of member governments and public partners.

Resolution: 3-inch, 6-inch, 12-inch
Accuracy: Adheres to strict positional accuracy standards
Quality: Independent quality control performed on every file
Aesthetics: - Reduced shadows
 - Reduced building lean
 - Snow-free and leaf-off

Our strict quality requirements and rigorous orthorectification process: quality every step of the way.

The DRAPP advantage

Being a DRAPP partner offers several advantages over other imagery sources, such as:

- **Cost savings:** With DRAPP partners involved in each project, square mileage costs are reduced and project costs are shared.
- **Shared partner input:** As a DRAPP partner, you help set parameters. Your feedback shapes all aspects of the project, from technical specifications to aesthetics.
- **Reduced burden:** Your burden is minimized because DRCOG takes care of all project management tasks including writing requests for proposal and statements of work, managing contracts and vendors, and monitoring quality control and delivery.
- **Deliverable options:** Your deliverable is customizable to fit your business needs and includes:
 - Aerial imagery on hard drive (three projection and two format options)
 - Streaming services of current and historical imagery
- **Licensing:** That imagery belongs to you, so you can use it at your discretion for years to come (note: Resale of images is prohibited.)
- **Custom:** DRCOG is always looking for ways to meet your needs. You get access to any area data products for which DRCOG regulates on your behalf including elevation data, payments features and supplemental imagery sources.

And don't forget! You have a unique view the rest of region throughout the Denver area.

Your article goes **here!**

The Denver Regional Data Consortium newsletter is facilitated by DRCOG but written by GIS professionals like you. This quarterly newsletter reaches more than 200 people and has a higher-than-average open rate. It's the perfect place to show off your projects, highlight your great work and contribute ideas to the GIS community in the Denver region.

The newsletter is published Jan. 15, April 15, July 15 and Oct. 15 (or the next business day afterward). Please contact Ashley Summers at 303-480-6746 or asummers@drcog.org to contribute.

Things you might have missed

- [Three teams win big - Go Code Colorado 2017](#)
- [Colorado Senate Bill 17-040 passes](#) (modifications to the Colorado Open Records Act regarding structured data)
- [Colorado GIS Summit 2017](#) (P.S. Subscribe to the Office of Information Technology's YouTube Channel.)
- [Walk and Talk with Colorado Chief Data Officer Jon Gottsegen](#)
- Join us at our next [Denver Regional Data Consortium meeting](#) on July 27

New and updated resources available in DRCOG's Regional Data Catalog

- [2015 ACS Five-Year Survey: Block Group Level Data, Colorado](#)
- [2015 ACS Five-Year Survey: Tract Level Data, Colorado](#)
- [2015 ACS Five-Year Survey: Place Level Data, Colorado](#)
- [2015 ACS Five-Year Survey: County Level Data, Colorado](#)
- [Assisted Living Facilities](#)
- [Denver Region Municipalities 2017](#) (map)
- [Municipal Boundaries 2017](#)
- [Nursing Homes](#)

- [Parks, Recreation and Open Space](#) (The new incarnation of our old "Open Space" layer. Read about the new schema in our [April newsletter](#).)
- [Parks, Recreation and Open Space 2015](#)
- [Parks, Recreation and Open Space 2014](#)
- [Participating Governments](#) (map)
- [Planimetrics 2016](#)
- [Rapid Transit System 2040](#)
- [Regional Traffic Counts](#)
- [Regional Zoning 2016](#) (map)
- [Regional Zoning 2016](#)
- [Schools Pre-kindergarten to College 2016](#)
- [Unincorporated Areas 2017](#)

For more information on any of the topics mentioned in this newsletter or if you have an idea for an article, please contact Ashley Summers, DRCOG information systems manager, at 303-480-6746 or asummers@drcog.org

Disclaimer: The information provided in this newsletter is compiled from multiple sources and is intended for informational purposes only. DRCOG assumes no responsibility or legal liability for the accuracy, completeness or usefulness of any information in this newsletter.

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Dear Colleagues,

Please join us on **Thursday, July 27** from 10 to 11:45 a.m. in the Independence Pass Conference Room at our office, 1290 Broadway, for the second data consortium meeting of 2017.

- [Agenda](#)

Can't attend in person? No problem! Join the meeting from your computer, tablet or smartphone.

1. Register for the webinar at <https://attendee.gotowebinar.com/register/5657599037014168066>
2. Use your microphone and speakers (VoIP) —a headset is recommended. You can also dial in using your phone.

United States: 1-415-655-0060
Access code: 232-739-431

If you have any questions, please contact DRCOG Information Systems Manager Ashley Summers, at 303-480-6746 or asummers@drcog.org.

Thanks,
Ashley

DRCOG, 1290 Broadway, Suite 100, Denver, CO 80203

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AGENDA

10 to 11:45 a.m.
Thursday, July 27, 2017
Denver Regional Council of Governments
1290 Broadway, Denver, CO 80203
Independence Pass Conference Room (first floor, west side)

Parking recommendations [here](#)

Meeting Objective:

Promoting collaboration and information-sharing among GIS professionals in the region by featuring presentations and discussions led by members of the data consortium.

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|----------------------------|---|
| 10:00 to 10:05 a.m. | Introductions
Ashley Summers, DRCOG |
| 10:05 to 10:30 a.m. | Transitioning to ArcGIS Pro
Dave Vaillancourt, Esri |
| 10:30 to 10:50 a.m. | GIS Enterprise Upgrade
Doug Genzer and Bruce Reagan, City and County of Denver |
| 10:50 to 11:10 a.m. | Colorado Geoportal Project
Philip B. White, University of Colorado Boulder |
| 11:10 to 11:35 a.m. | Conference Recaps – ICACI and Esri UC
Christine Connally, DRCOG and Mike Garcia, Commerce City |
| 11:35 to 11:45 a.m. | Update on DRCOG Initiatives:
Planimetrics 2016
Denver Regional Aerial Photography Project 2018
Reimagined: Regional Data Catalog and Denver Regional Visual Resources |