Denver Regional Data Consortium (DRDC) Meeting

Summer 2019

Presented by:

DRCOG Staff & Guests

July 2019

Agenda

- Welcome and introductions
- Routable Street Centerlines in Geocomm's Data Hub
- Accessing Colorado Water Data
- 2022 Coordinate Systems for Colorado
- 2018 Land Use Land Cover Pilot Project
- Update on DRCOG initiatives:
  - 2018 Regional Planimetric Project
  - 2020 Imagery & Lidar
  - PSAP Recap
  - GISITR Roundtable

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Steve Kelley

ROUTABLE STREET CENTERLINES IN GEOCOMM'S DATA HUB

Alison Keener

ACCESSING CO WATER DATA

John Hunter

2022 COORDINATE SYSTEMS FOR COLORADO

Louis Keddell

2018 LAND USE LAND COVER PILOT PROJECT

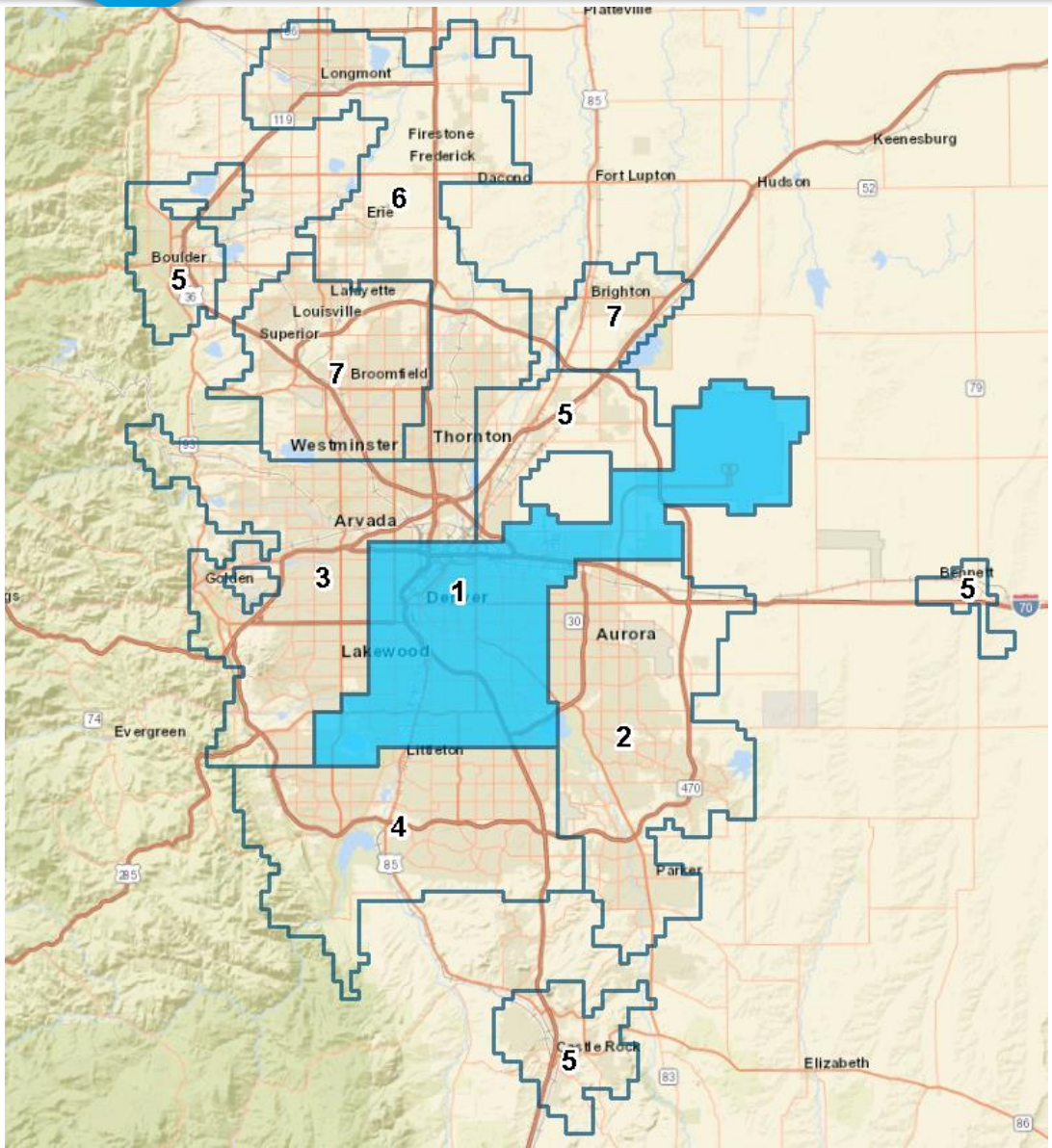
UPDATE ON DRCOG INITIATIVES

2018 regional planimetric data project

DRCOG's regional planimetric project creates detailed built environment features from high-resolution orthoimagery in the urbanized area of the Denver region.

building outlines, edge of pavement, parking lots, sidewalks, driveways, trails, ramps, impervious surface, pavement markings, poles/signs

2018 regional planimetric data project



Data is provided on a rolling basis to project partners as it's completed (see schedule below).

Data will be uploaded to the Regional Data Catalog in February 2020 for public access.

Group 1	7/17/2019
Group 2	8/13/2019
Group 3	10/4/2019
Group 4	10/25/2019
Group 5	12/13/2019
Group 6	1/8/2020
Group 7	1/30/2020

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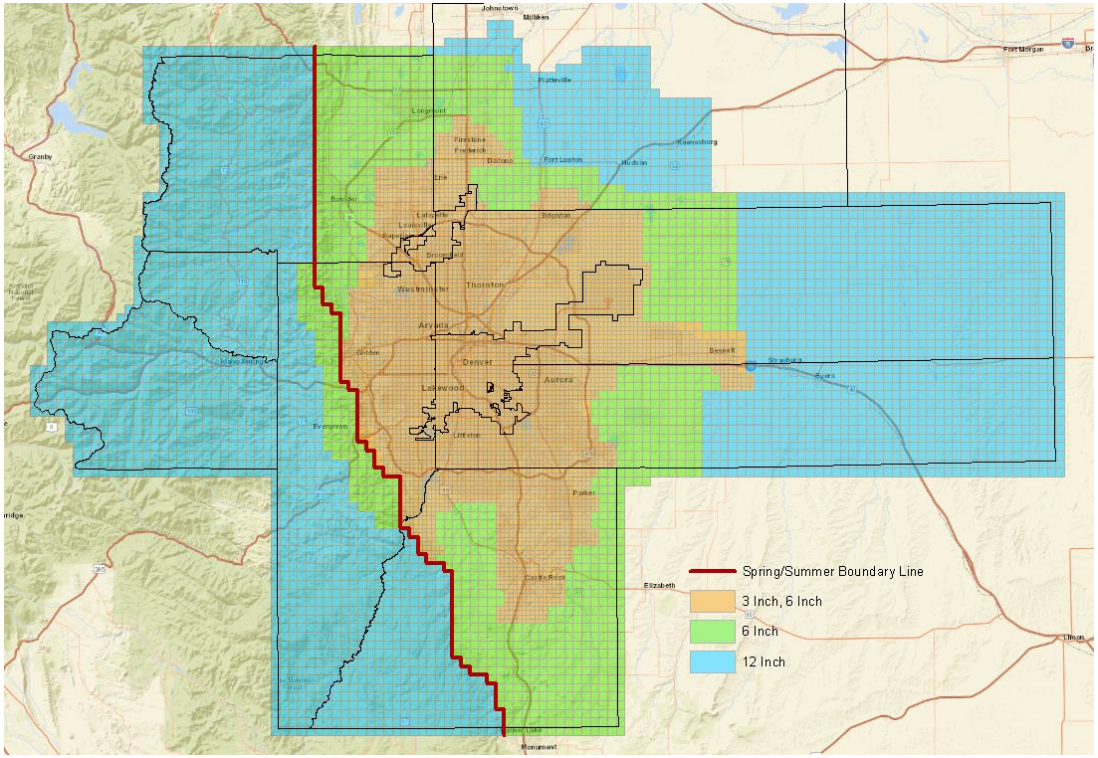
2020 imagery



- custom flights (DRAPP) (for full regional coverage, high positional accuracy)
- streaming services (for frequently updated snapshots of urban areas)
- oblique buy-up options

- **Letters of intent for participation are due in October.**

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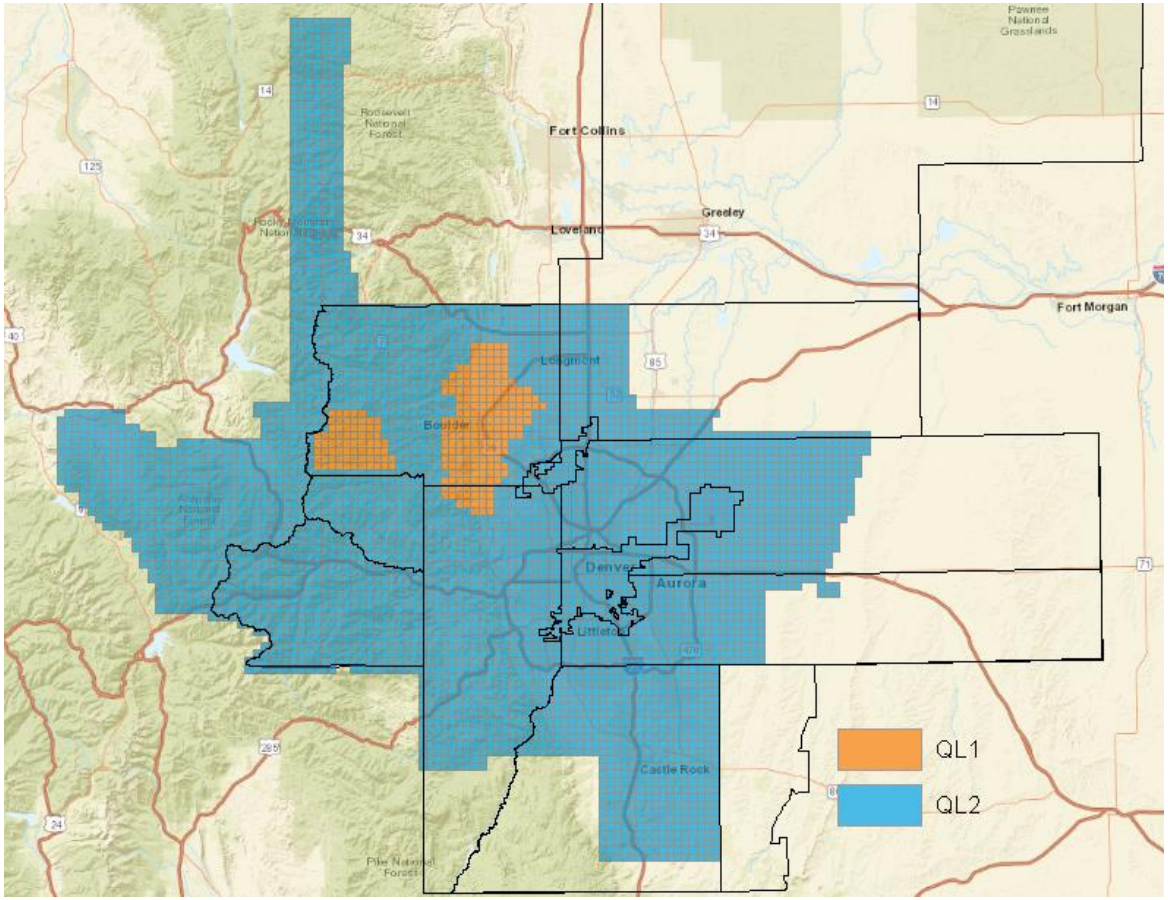
2020 lidar



- Seeking a USGS grant to help us with a lidar capture in the spring of 2020.
- Letters of intent for participation are due **now.**

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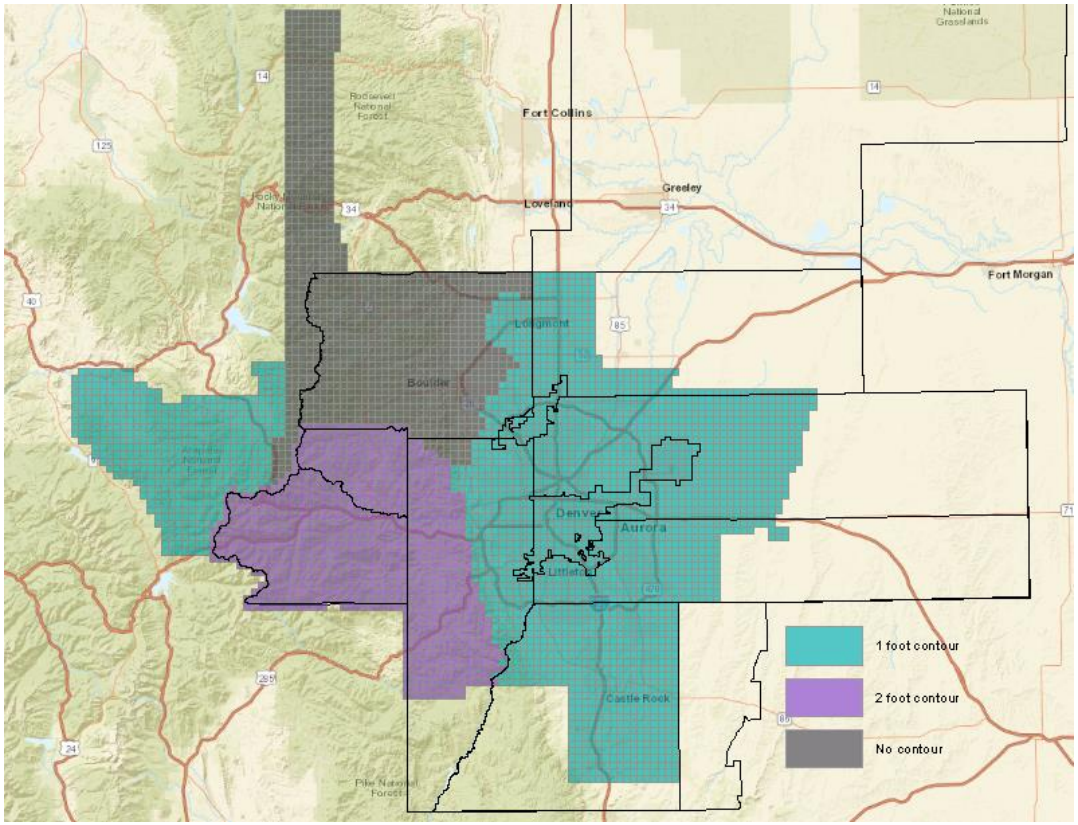
2020 lidar



- If the grant is awarded, we will collect QL1 and QL2 lidar as well as 1 foot and 2 foot contours.

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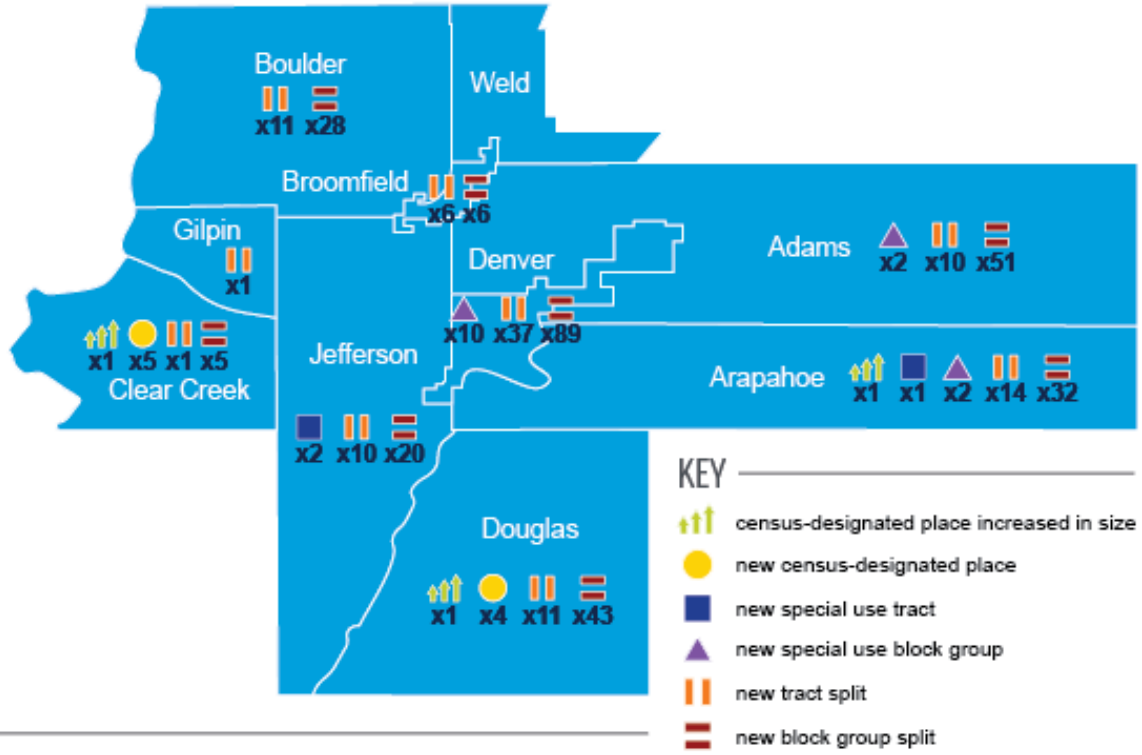
Participant Statistical Areas Program

2020 PSAP Summary



NEW SPECIAL USE TRACTS

JEFFERSON: park/reserve – South Table Mountain and Rocky Flats

ARAPAHOE: park/water feature – Cherry Creek Reservoir and Park

NEW SPECIAL USE BLOCK GROUPS

ADAMS: two employment centers

ARAPAHOE: two employment centers

DENVER: seven parks, three employment centers

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GISITR roundtable

Preparing Students to Become GIS Practitioners in a Fast-paced Field

- Are practitioners noticing a skill gap in their entry-level hires? What skills are missing?
- When and how should a student and/or early career professionals start specializing within the field?
- What are the expectations that a student should have about continuing education and on-the-job skills development? How should it be accomplished?
- How can educators provide real-world experiences to their students that train both technical and non-technical skills?
- In a world where mapmaking and data science is not regulated to geographers, how can we emphasize the importance of geography? What are the geospatial essentials that differentiate GIS professionals?

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QUESTIONS?

And now…

HAPPY HOUR!