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Salt Lake Area GIS Users Group

The UGRC Times

smorgasbord edition

Vol 1

All the news (and acronyms) you need to know from Utah's state geospatial shop

$5.00

UGRC
Utah Geospatial Resource Center

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UGRC Utah Geospatial Resource Center Location matters

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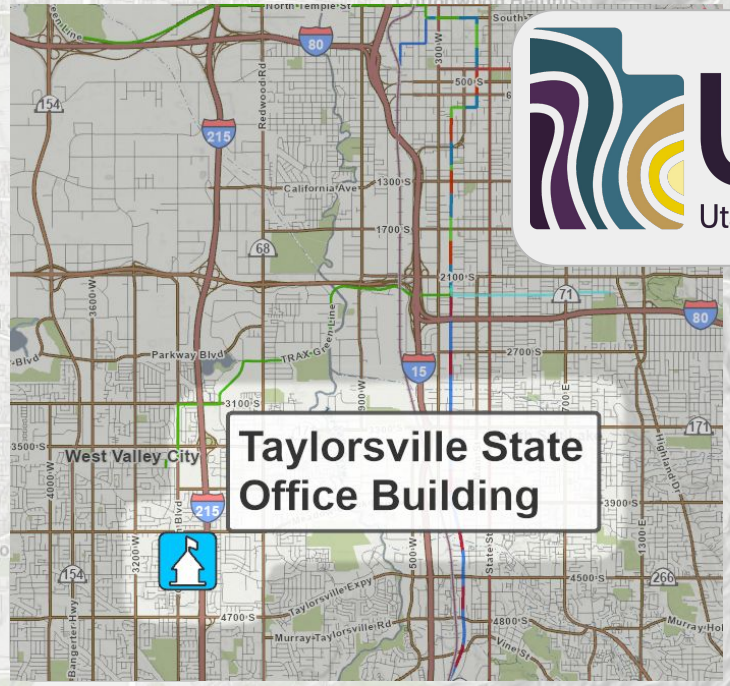
1 of 3 free articles this month

New logo, new name, new location, same url (gis.utah.gov)



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2021 Aerial Photography Acquisition Completed

- statewide 60cm 4-band imagery from the NAIP program (available for download now)
  National Agriculture Imagery Program
- 15cm (~6in) imagery for our licensed users
- With fires, smoke, and a pandemic, this year's acquisition was a challenging one
- Please be patient as <u>we will provide services</u> of the new imagery <u>as soon as possible</u>

More information
https://gis.utah.gov/data/aerial-photography
https://gis.utah.gov/discover
https://gis.utah.gov/discover/license

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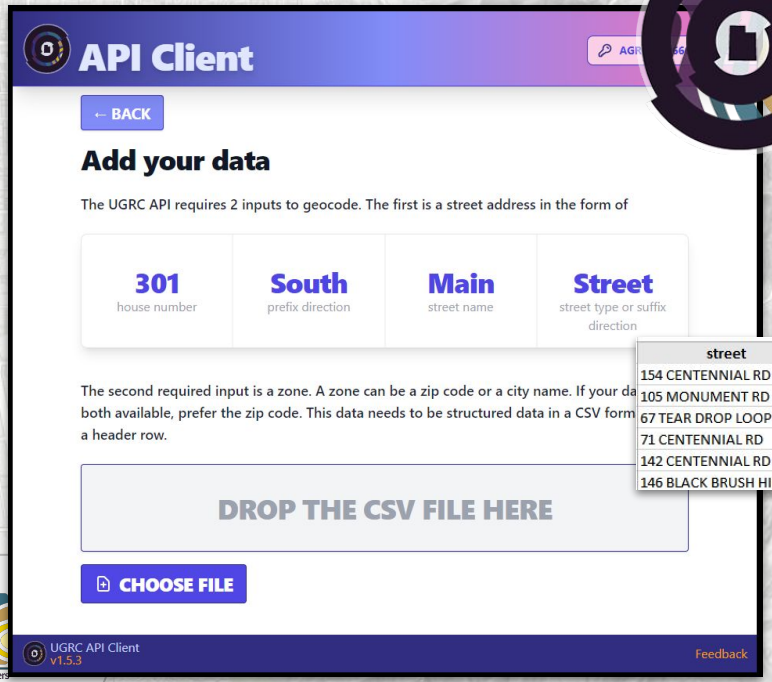
LAST FREE ARTICLE THIS MONTH
PLEASE SUBSCRIBE

New API Desktop Client!

Geocoding made easy



- User-friendly
- Cross-platform (Windows and macOS)
- No license
- Automatic updates (evergreen)
- plug and play
- drag and drop

street	zone	x	y	score	match_address
154 CENTENNIAL RD	84536	-110.1277805	36.99849144	100	154 CENTENNIAL RD, BLANDING
105 MONUMENT RD	84536	-110.1339016	36.99876812	100	105 MONUMENT RD, BLANDING
67 TEAR DROP LOOP	84536	-110.1845248	36.99950781	100	67 TEAR DROP LOOP, BLANDING
71 CENTENNIAL RD	84536	-110.1265563	36.99917329	100	71 CENTENNIAL RD, BLANDING
142 CENTENNIAL RD	84536	-110.1302544	36.99945742	100	142 CENTENNIAL RD, BLANDING
146 BLACK BRUSH HILL RD	84536	-110.8116292	37.00262061	100	146 BLACK BRUSH HILL RD, BLANDING

More information
https://gis.utah.gov/introducing-the-official-ugrc-api-client
https://github.com/agrc/api-client

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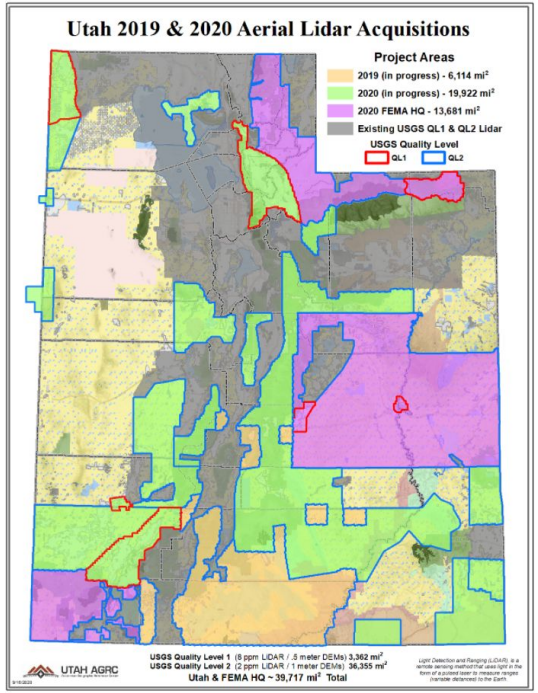
2020 LiDAR

Light Detection and Ranging



All other 2020 projects are finalized and available*

With the exception of the 2020 FEMA Headquarters project estimated to be completed 6/30/2022

More information
https://gis.utah.gov/data/elevation-and-terrain
https://gis.utah.gov/2020-utah-lidar-acquisition

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SGID

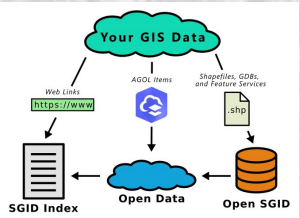
State Geographic Information Datasource

SGID
STATE GEOGRAPHIC INFORMATION DATASOURCE

SGID turned 30 years old in 2021

Open SGID & Open Data

PostgreSQL PostGIS **ESRI Hub site**



Data sharing and contributing

Sharing through Index and/or hosted services

More information
https://gis.utah.gov/introducing-open-sgid (open sgid)
https://opendata.gis.utah.gov (open data)
https://gis.utah.gov/sharing (share/contribute)
https://gis.utah.gov/sgid-then-and-now (SGID history)

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Next-Generation 911

NG911

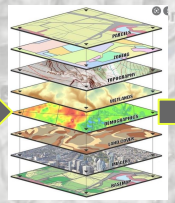
UGRC/UCA

motorola

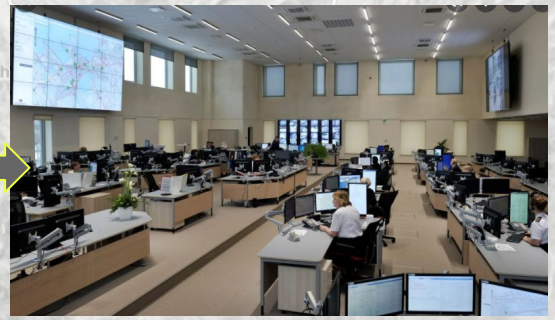
Geospatial validation and call routing

- *PSAP boundaries
- Law Enforcement
- EMS
- *Address Points
- *Road Centerlines

(or MSAG)



GIS Data



PSAP (dispatch center) maps

- SGID data
- UGRC basemaps

More information
*https://gis.utah.gov/ugrc-ng911-update
*https://gis.utah.gov/automating-next-generation-911-law-enforcement-boundaries
*https://gis.utah.gov/utah-ng911-gis-roadmap-v1

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New Political Districts

2020 Census

2022 to 2032 (for use in upcoming general 2022 election)

- US Legislative
- US Congressional
- Utah State House
- Utah State Senate
- Utah State School Board

Updated voting precincts

Census Data

PL 94-171 Summary Files

Public Law

More information
https://gis.utah.gov/census-2020-redistricting-data

https://gis.utah.gov/data/political/2022-2032-house-senate-congressional-districts

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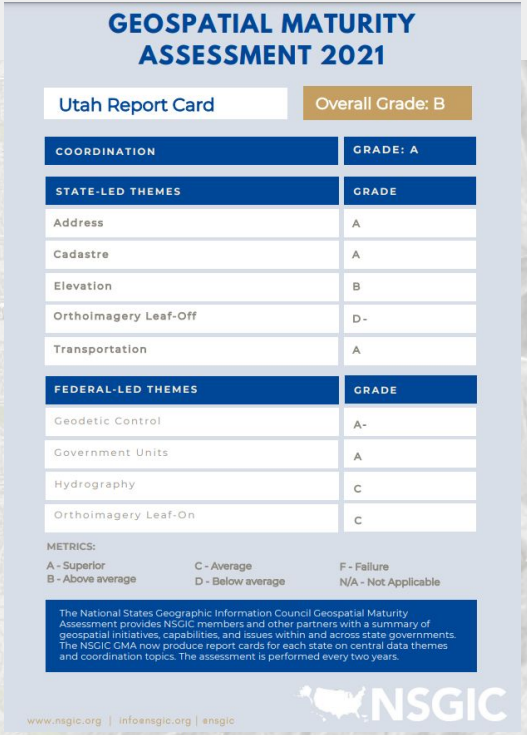
Geospatial Maturity Assessment

2021 GMA



GEOSPATIAL MATURITY ASSESSMENT 2021

Utah Report Card — Overall Grade: B

COORDINATION	GRADE: A

STATE-LED THEMES	GRADE
Address	A
Cadastre	A
Elevation	B
Orthoimagery Leaf-Off	D-
Transportation	A

FEDERAL-LED THEMES	GRADE
Geodetic Control	A-
Government Units	A
Hydrography	C
Orthoimagery Leaf-On	C

METRICS:

A - Superior
B - Above average
C - Average
D - Below average
F - Failure
N/A - Not Applicable

The National States Geographic Information Council Geospatial Maturity Assessment provides NSGIC members and other partners with a summary of geospatial initiatives, capabilities, and issues within and across state governments. The NSGIC GMA now produce report cards for each state on central data themes and coordination topics. The assessment is performed every two years.

NSGIC

www.nsgic.org | info@nsgic.org | @nsgic

- Coordination
- Address points
- Cadastre
- Transportation
- Governmental Units (...boundaries data, Census BAS, etc.)

More information
https://www.nsgic.org/geospatial-maturity-assessment

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and up to date

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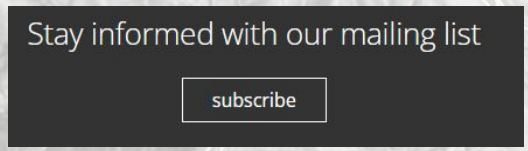
https://gis.utah.gov



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Podcast
Utah Geospatial Podcast

Previous episodes:
- **Health**
- **Public Lands**
- **Natural Resources**
- **Land Surveyors**

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