The background features a topographic map with brown contour lines and a dashed orange grid. Two blue wavy lines are positioned at the top and bottom right of the slide.

# **NSGIC Geospatial Maturity Assessment**

Karen Rogers  
February 23, 2022

# Ground to Cover



**01**



**Origins  
of the  
2021 GMA**



**02**



**GMA  
Process**



**03**



**GMA  
Outcome**



**04**



**GMA  
Future  
Impacts**



# NSGIC

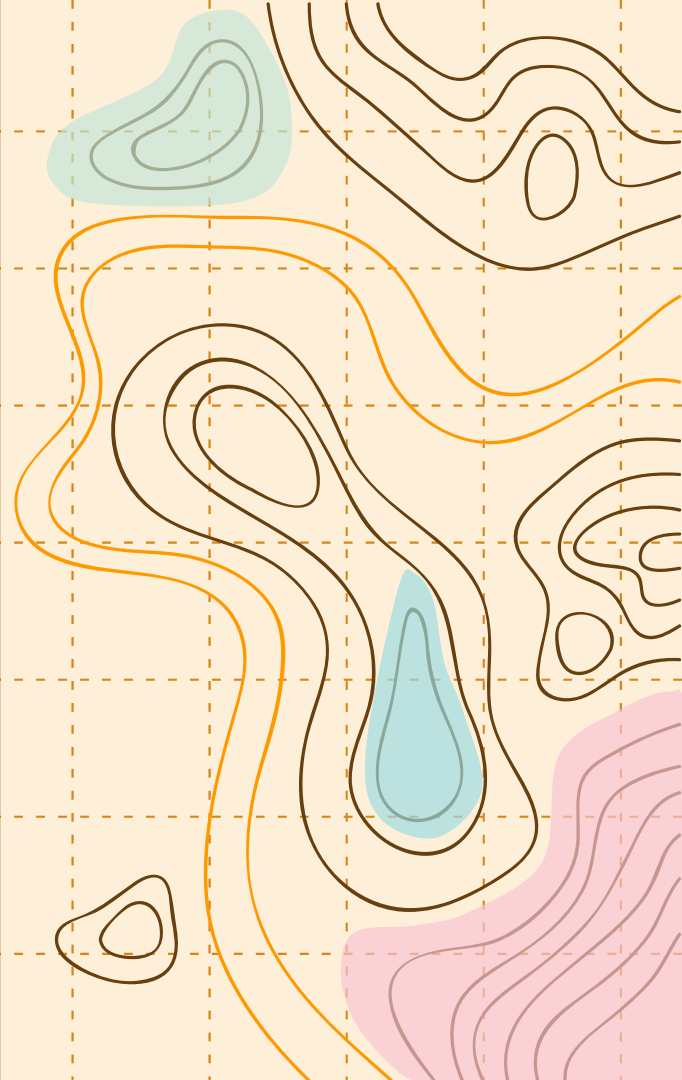
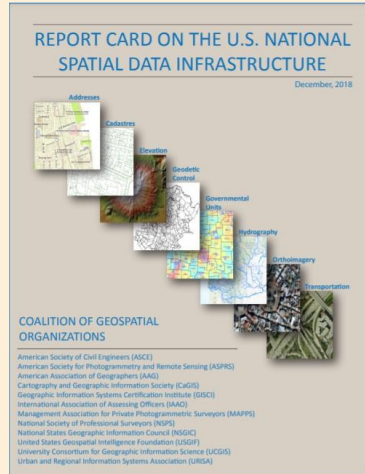
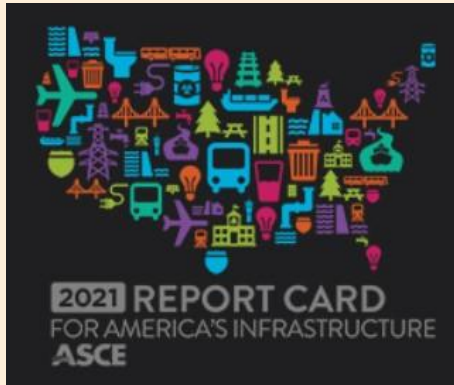
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National States Geographic  
Information Council

**NSGIC exists to advance state-led geospatial  
coordination for the nation.**

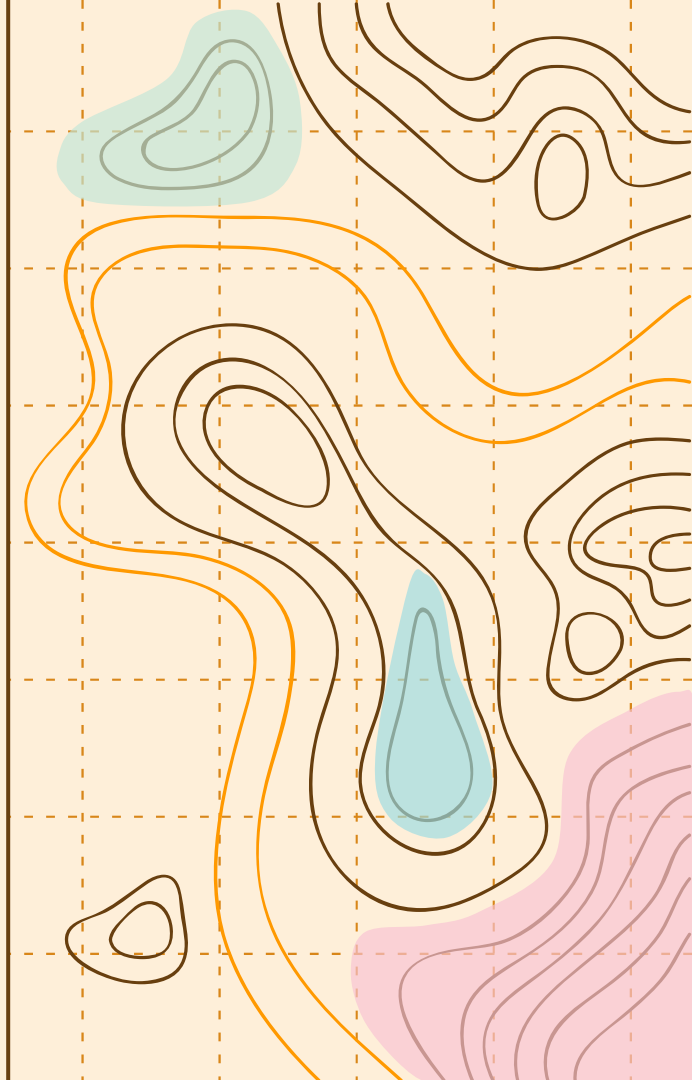
# Trail of Inspiration

- American Society of Civil Engineers (ASCE) Report Card for America's Infrastructure
- Coalition of Geospatial Organizations (COGO) Report Card

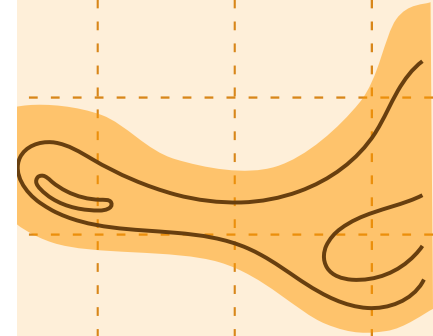
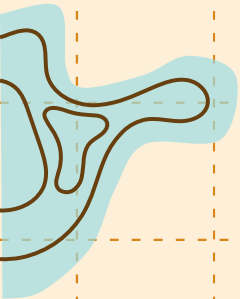
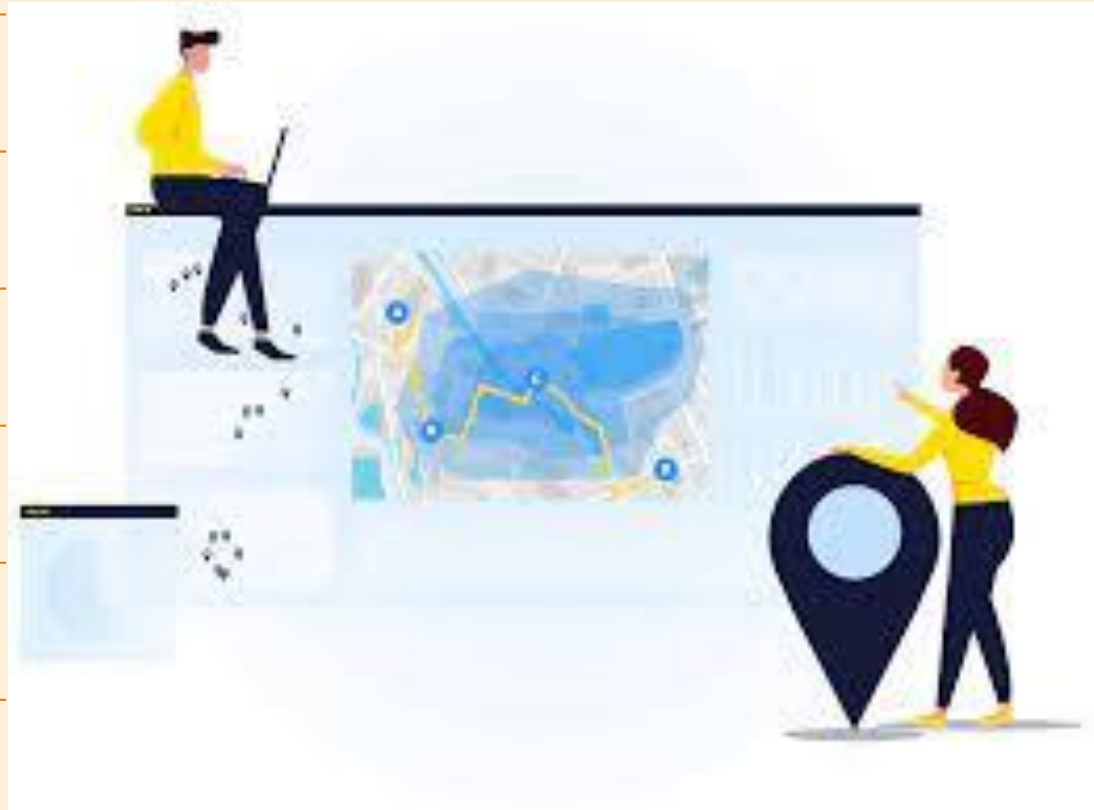


# Trail of NSGIC GMA

- Survey put out since early 2000's
- Focus on 7 framework layers (until Addresses were added in 2015)
- Info gathered kept in a spreadsheet buried on website
- Effort to generate report cards started in 2019 (v2.0)

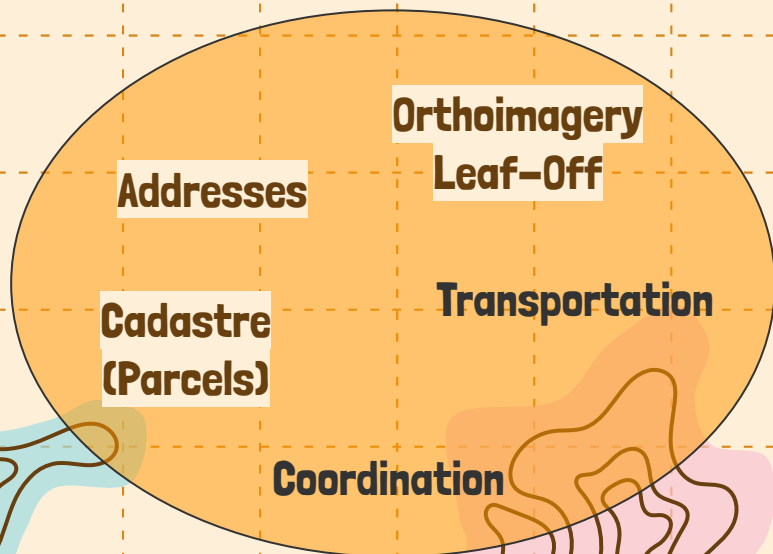


# GMA 2.0 Process

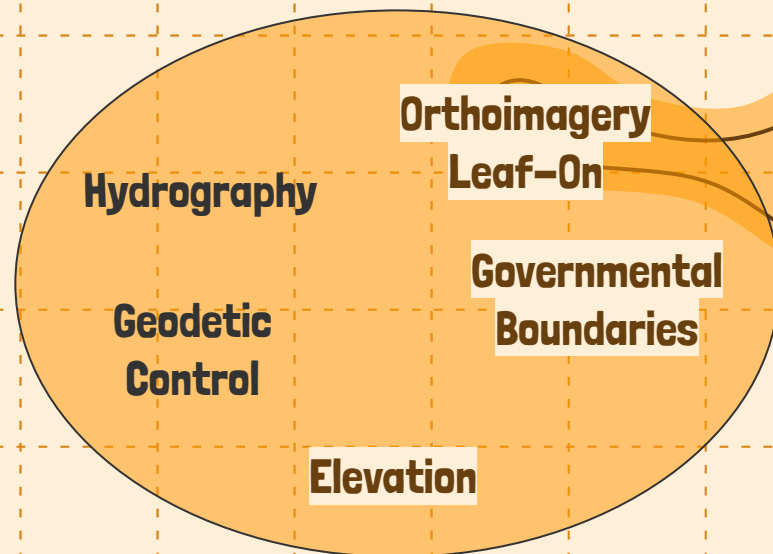


# Breaking out the Framework Layers

## State-led

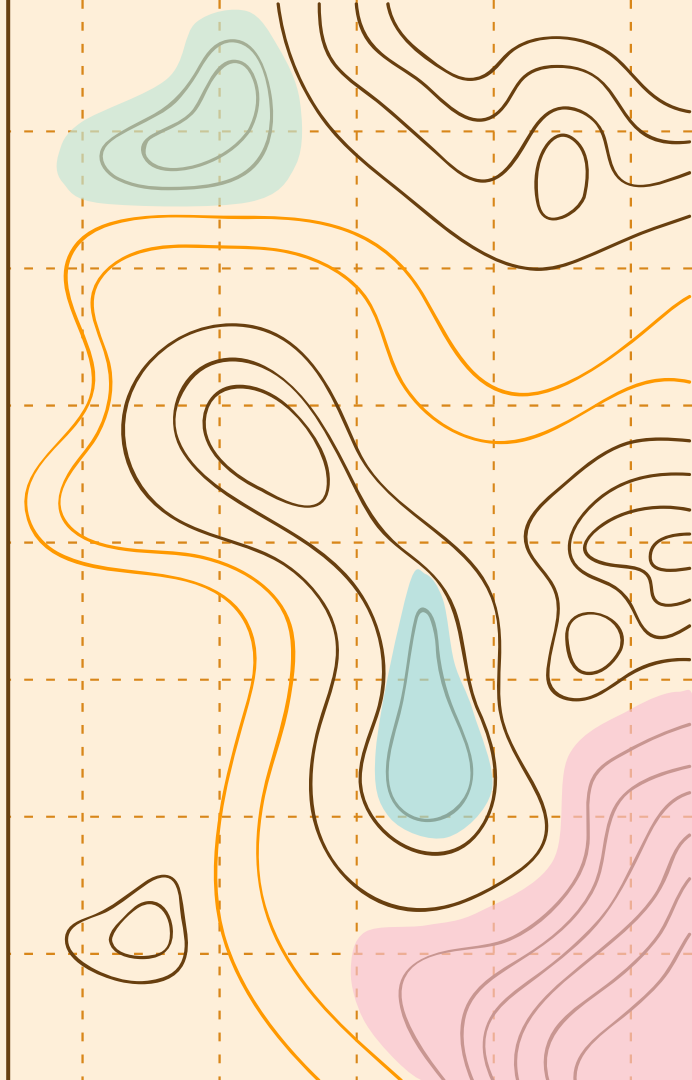


## Federal-led



# Value of the Process

- LOTS of time for review and feedback
- Extra sets of eyes always beneficial
- **Listen** to concerns and needs of stakeholders
- Extra effort to communicate expectations and timelines
- LOTS of outreach and encouragement
- Put responsibility where it should be
- Attention to data management on the back end





# GMA Outcome

48

Report

Overall Grade  
Summary for all  
States

Statistics  
Summary

Aggregate  
Report Cards

Dashboard

Individual  
Results

# Dashboard



- Overview
- NG911
- Elections
- Coordination
- Addresses
- Cadastre
- Elevation
- Leaf-Off Ortho
- Transportation
- Geodetic Control
- Gov Units

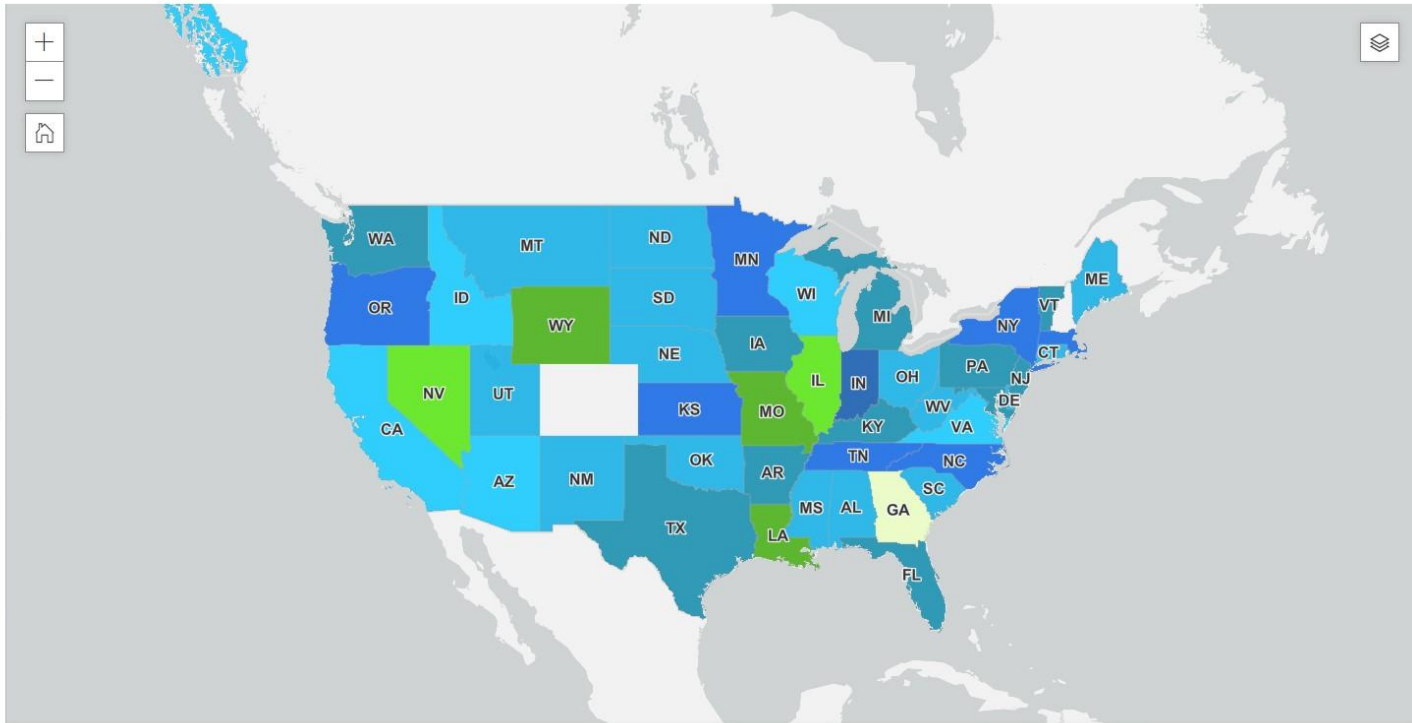
Preliminary grades were made available to the states in late August. The GMA team asked states to review their own grades to verify their responses were captured correctly and that they agreed with how their score was tabulated. Very few comments were received.

### Report Writing and Review (September-November)

The leads were requested to write a summary paragraph on their theme. It would provide an overview of how well the states were doing, but also identify any notable issues. It would provide recommendations for future work by the states to improve their performance on this theme. The GMA team wrote and compiled the rest of the report.

[Click here to download digital copies of the full GMA report and grades.](#)

For more information about the GMA, contact NSGIC Director of Programs Jamie Chesser at [jamie.chesser@nsgic.org](mailto:jamie.chesser@nsgic.org).



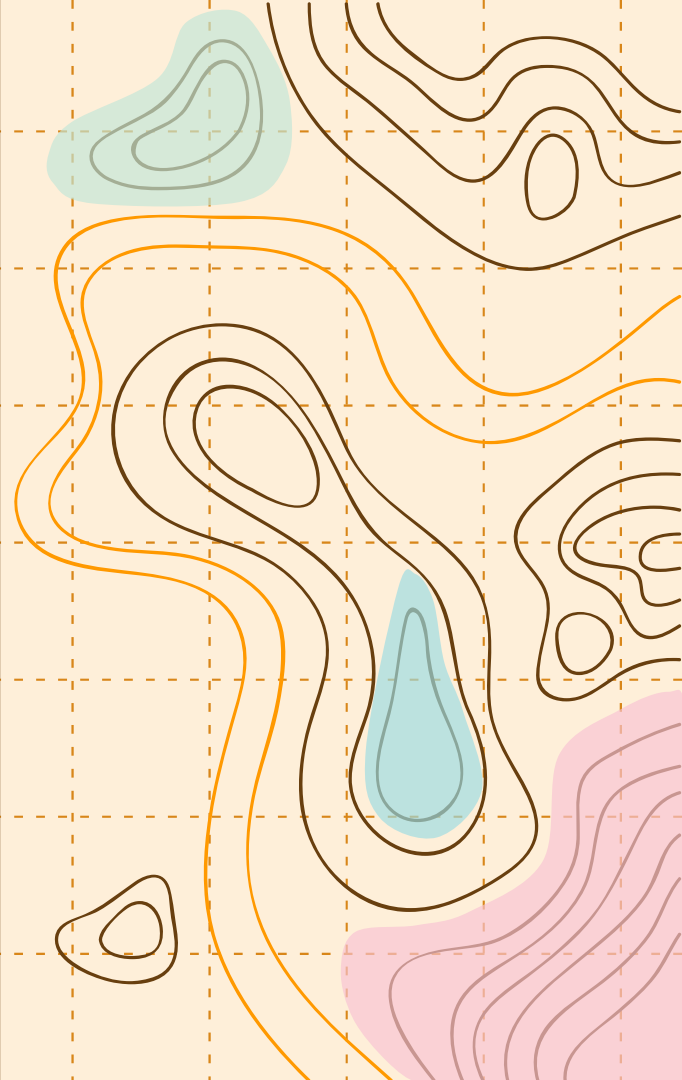
# North Carolina – Star Student!

## GEOSPATIAL MATURITY ASSESSMENT 2021

North Carolina Report Card

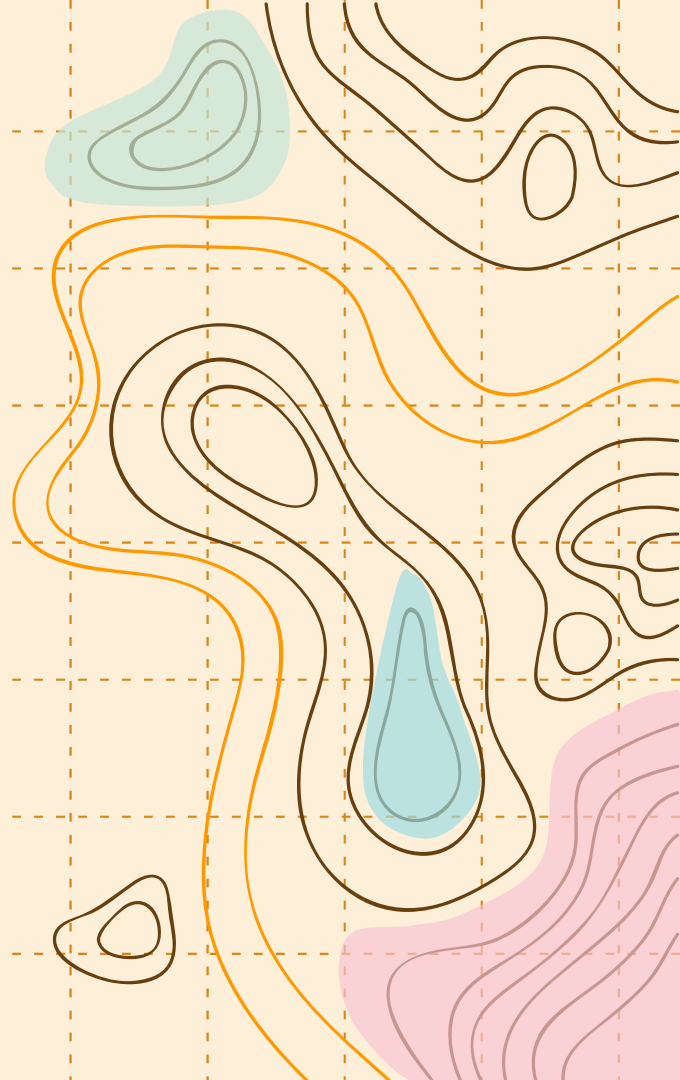
Overall Grade: A-

COORDINATION	GRADE: A
STATE-LED THEMES	GRADE
Address	A
Cadastre	A
Elevation	A-
Orthoimagery Leaf-Off	A
Transportation	A
FEDERAL-LED THEMES	GRADE
Geodetic Control	A-
Government Units	A
Hydrography	C
Orthoimagery Leaf-On	B



# Trail Blazing

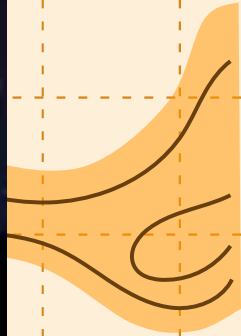
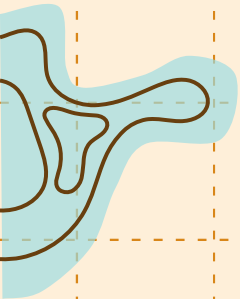
- GMA will serve as foundation for COGO NSDI Assessment of 2022
- Heavily referenced by FGDC for GDA Implementation
- Heavily praised by the private sector



# Coalition of the Willing



**Geospatial experts  
look at the bigger picture**



# Thank You!

Do you have any questions?

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