

GIS Awareness

Rachael Brady



Participation Required



Option 1:

pollEV.com/CFSC



Option 2:

Text CFSC to 22333



What does GIS stand for?

The screenshot shows a mobile application interface for a poll. At the top, there is a navigation bar with a bar chart icon, a back arrow, the text "Activities", and buttons for "Visual settings", "Edit", and navigation arrows. Below the navigation bar is a dark banner with the text "Respond at Pollev.com/cfsc" and "Text **CFSC** to **22333** once to join, then **A, B, or C**". The main content area is titled "Organizational GIS Experience" and contains three poll options: "We have a map wizard.", "We want to have a GIS but don't have the resouces.", and "GI what?!?". Each option is followed by a letter (A, B, or C) and a vertical blue line indicating the selection area.

Activities

Visual settings Edit

Respond at Pollev.com/cfsc
Text **CFSC** to **22333** once to join, then **A, B, or C**

Organizational GIS Experience

We have a map wizard. **A**

We want to have a GIS but don't have the resouces. **B**

GI what?!? **C**


What is GIS?

A framework for gathering, managing, and analyzing data with a geographic context.

GIS Experience of Your Organization

The screenshot shows a mobile application interface for a poll. At the top, there is a navigation bar with a bar chart icon, a back arrow, the text 'Activities', and buttons for 'Visual settings', 'Edit', and navigation arrows. Below this is a dark blue banner with the text 'Respond at Pollev.com/cfsc' and 'Text **CFSC** to **22333** once to join, then **A, B, or C**'. The main content area is titled 'Organizational GIS Experience' and contains three poll options, each with a letter to its right, separated by a vertical blue line:

- We have a map wizard. **A**
- We want to have a GIS but don't have the resouces. **B**
- GI what?!? **C**

The background features a 3D visualization of GIS data. It includes a map with various colored regions, a pie chart with several segments, and a line graph with multiple peaks. The entire scene is rendered in a dark, stylized 3D perspective.

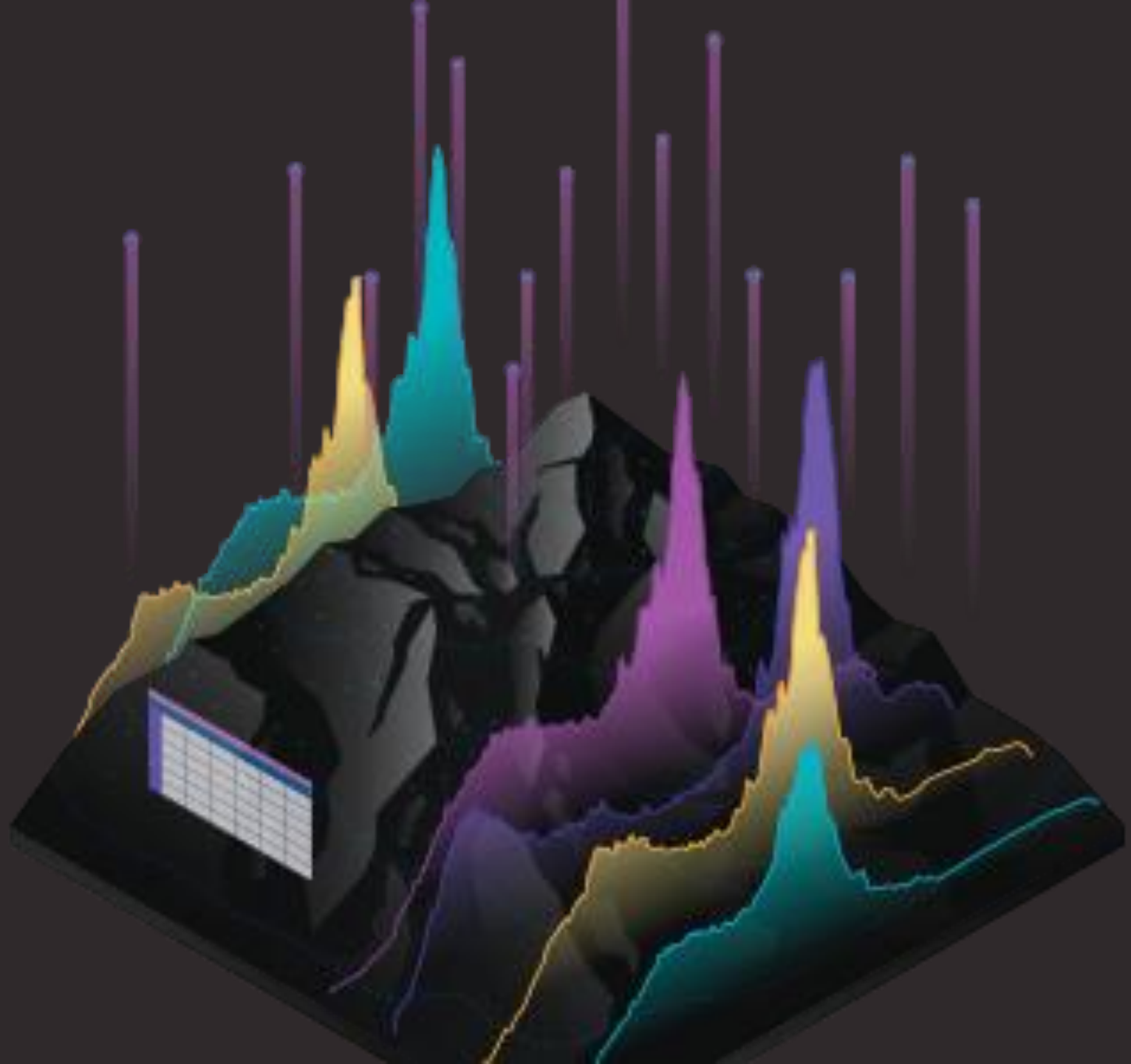
How does GIS work?

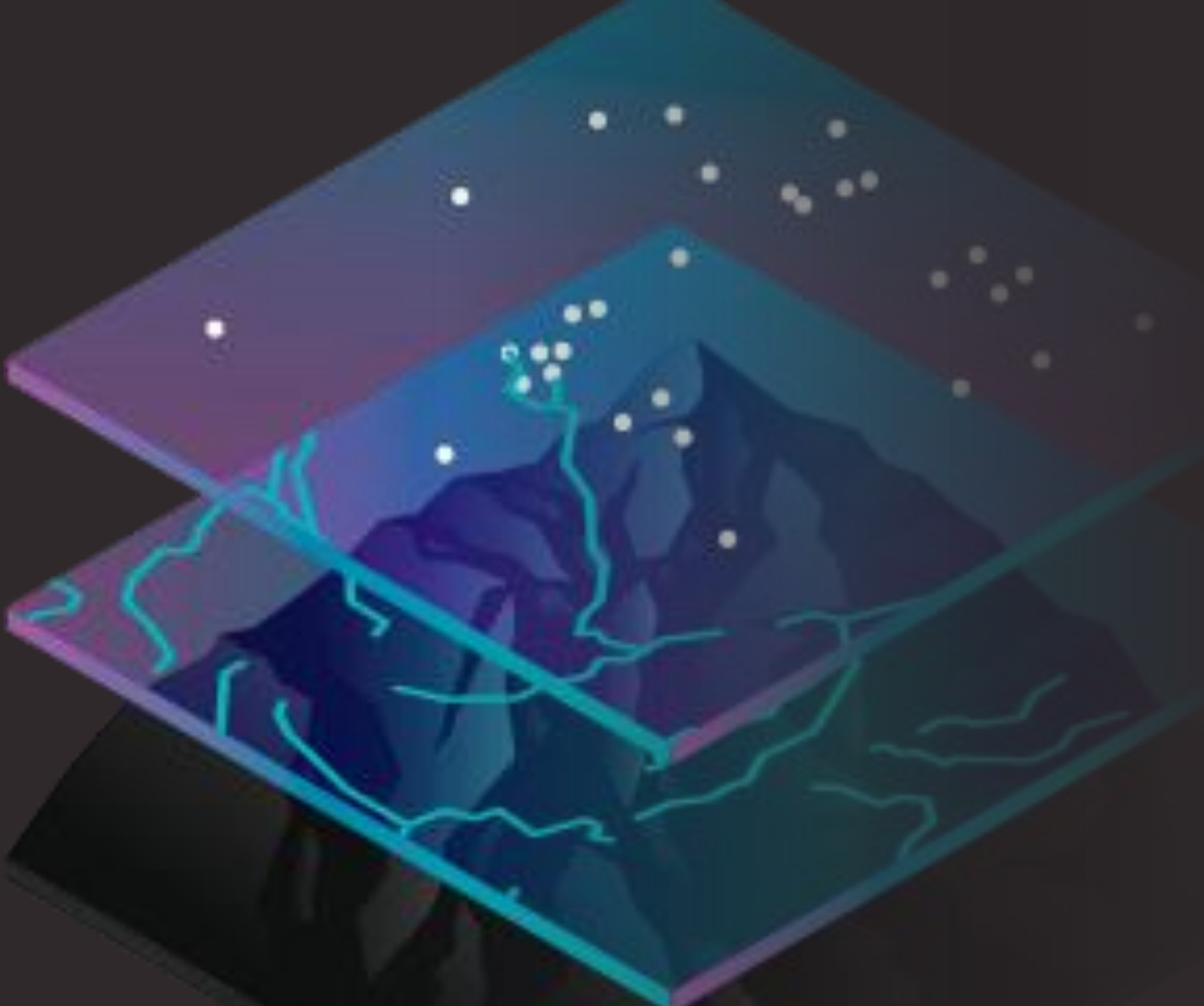
Reach a common goal to gain actionable intelligence



Data

Most data has a geographic component





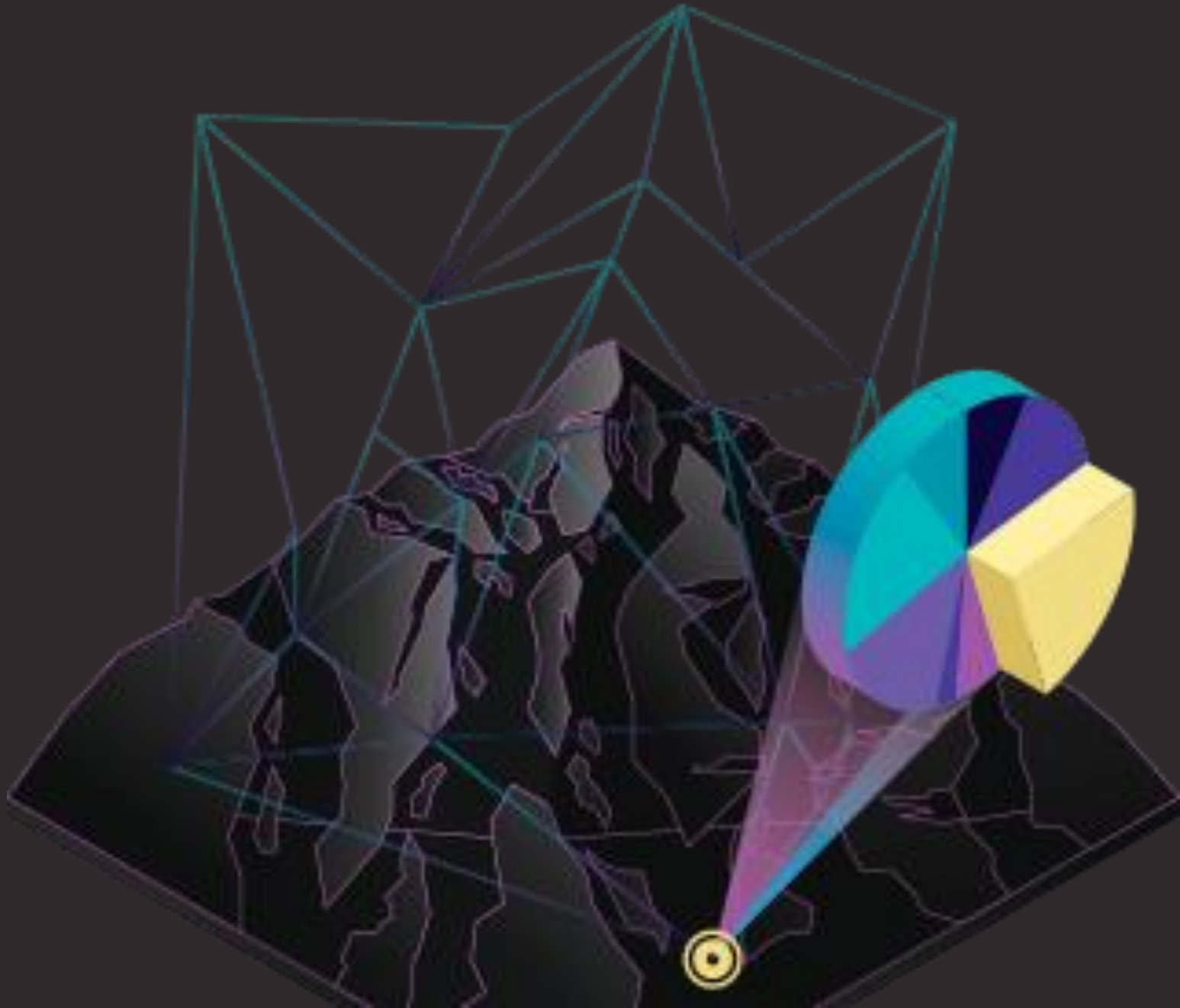
Maps

Geographic container for data layers
and analytics



Analysis

Lending new perspectives to your
insight and decision-making





Apps

Focused user experience

What can I do with GIS?



LOCATION



DENSITIES



NEARBY

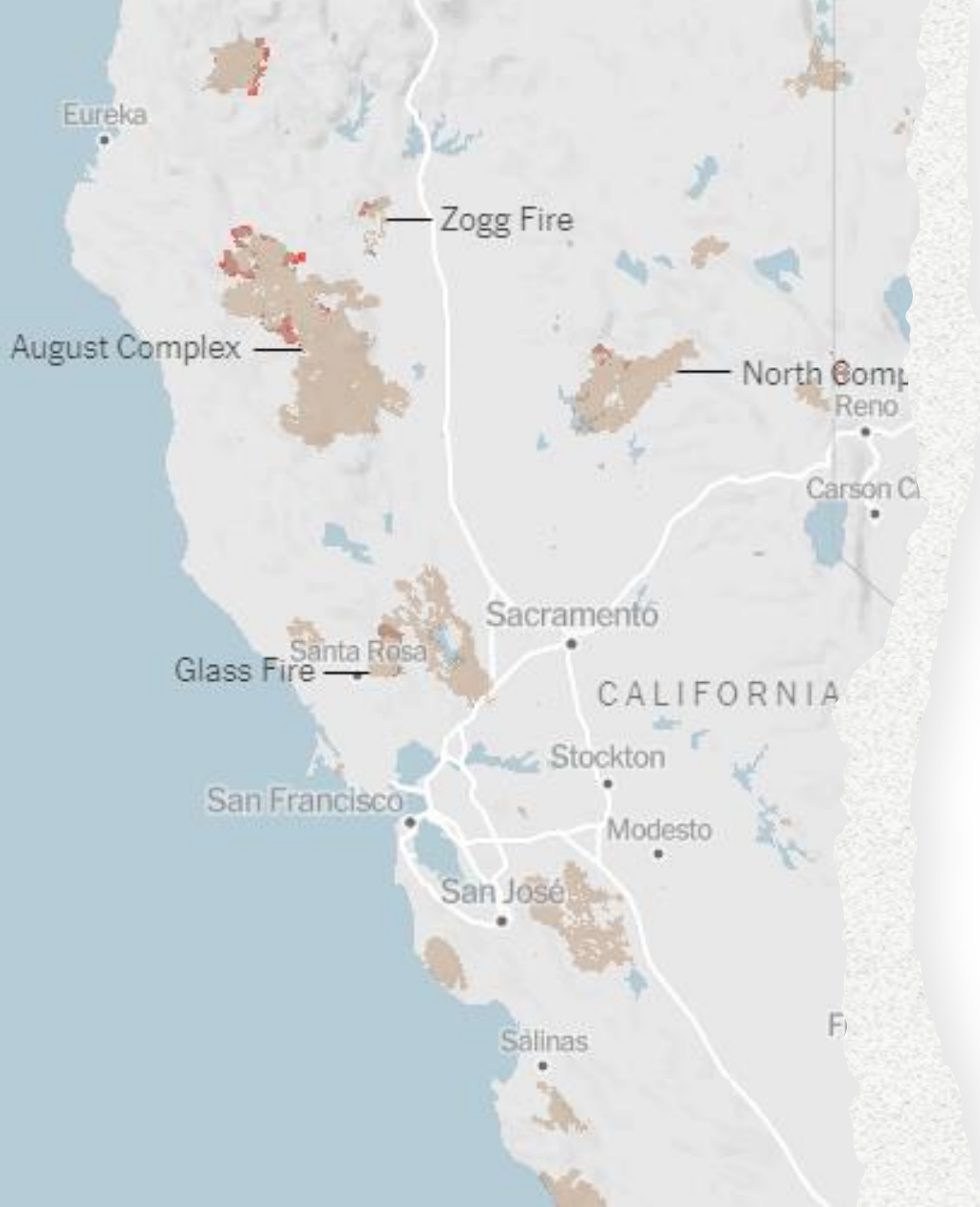


WHAT'S
CHANGING



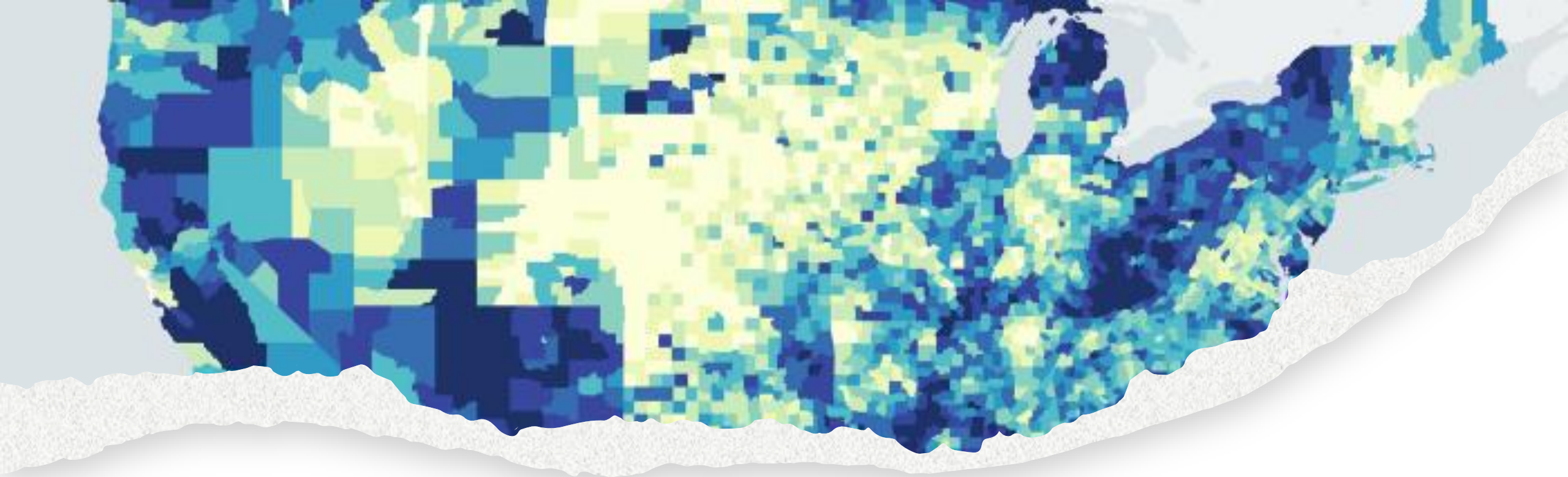
QUANTITATIVE
DATA





Location

Where?



Quantities

How much or How Little?

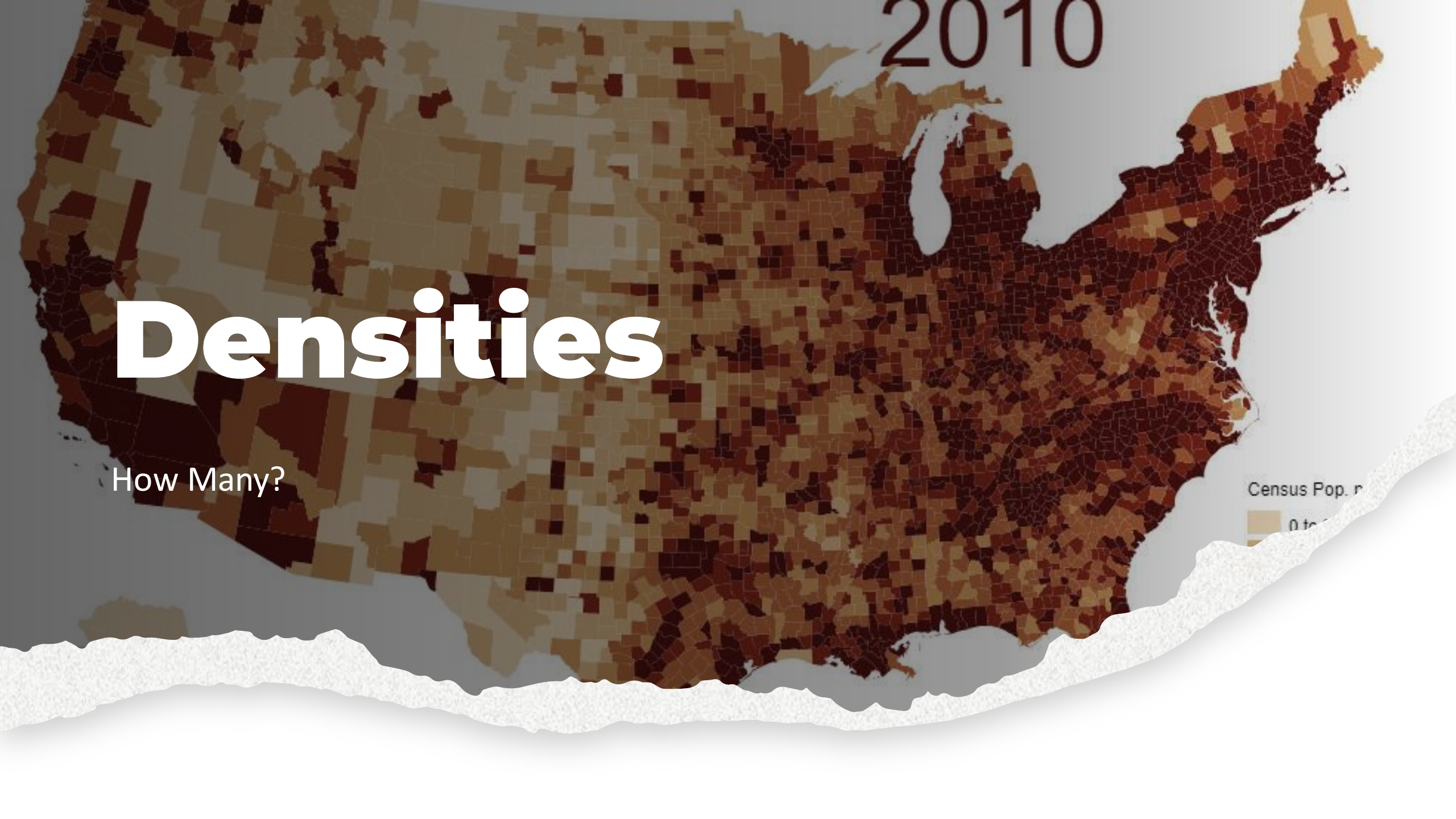
2010

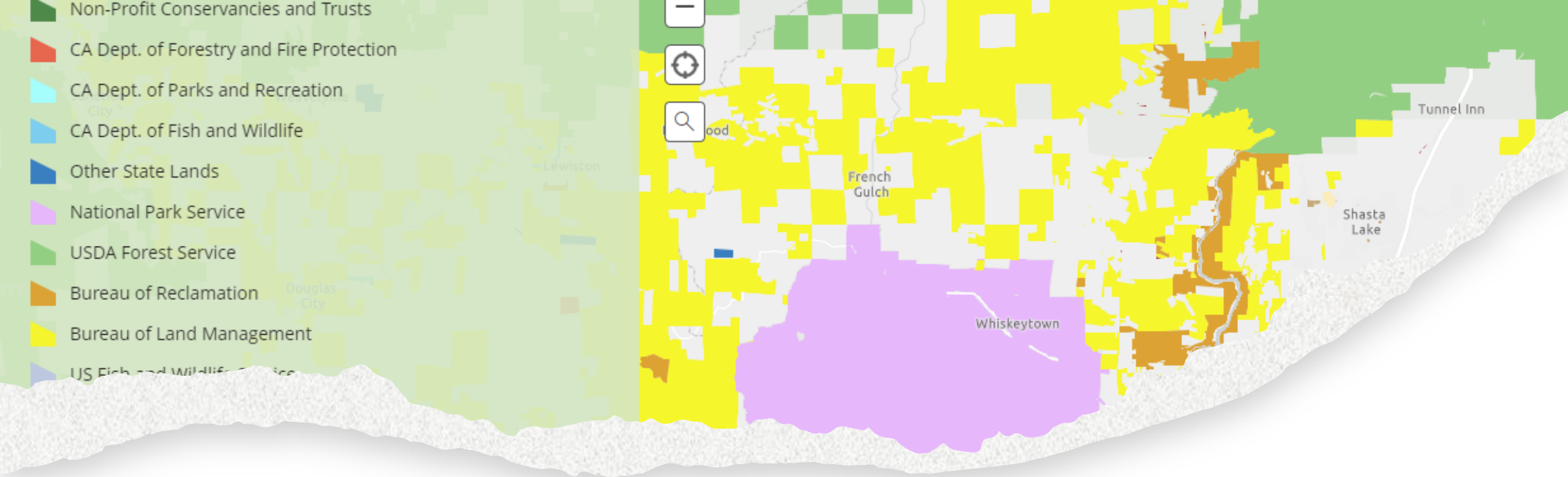
Densities

How Many?

Census Pop. n

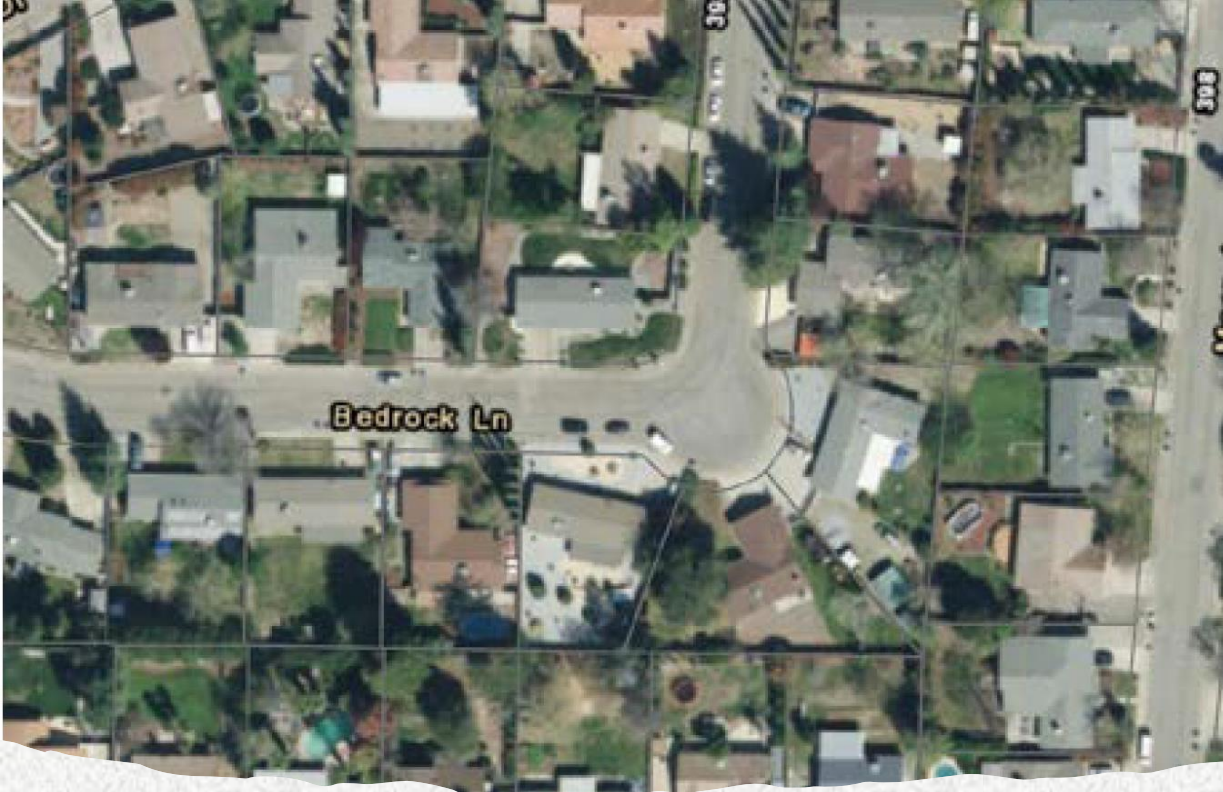
0 to





Nearby

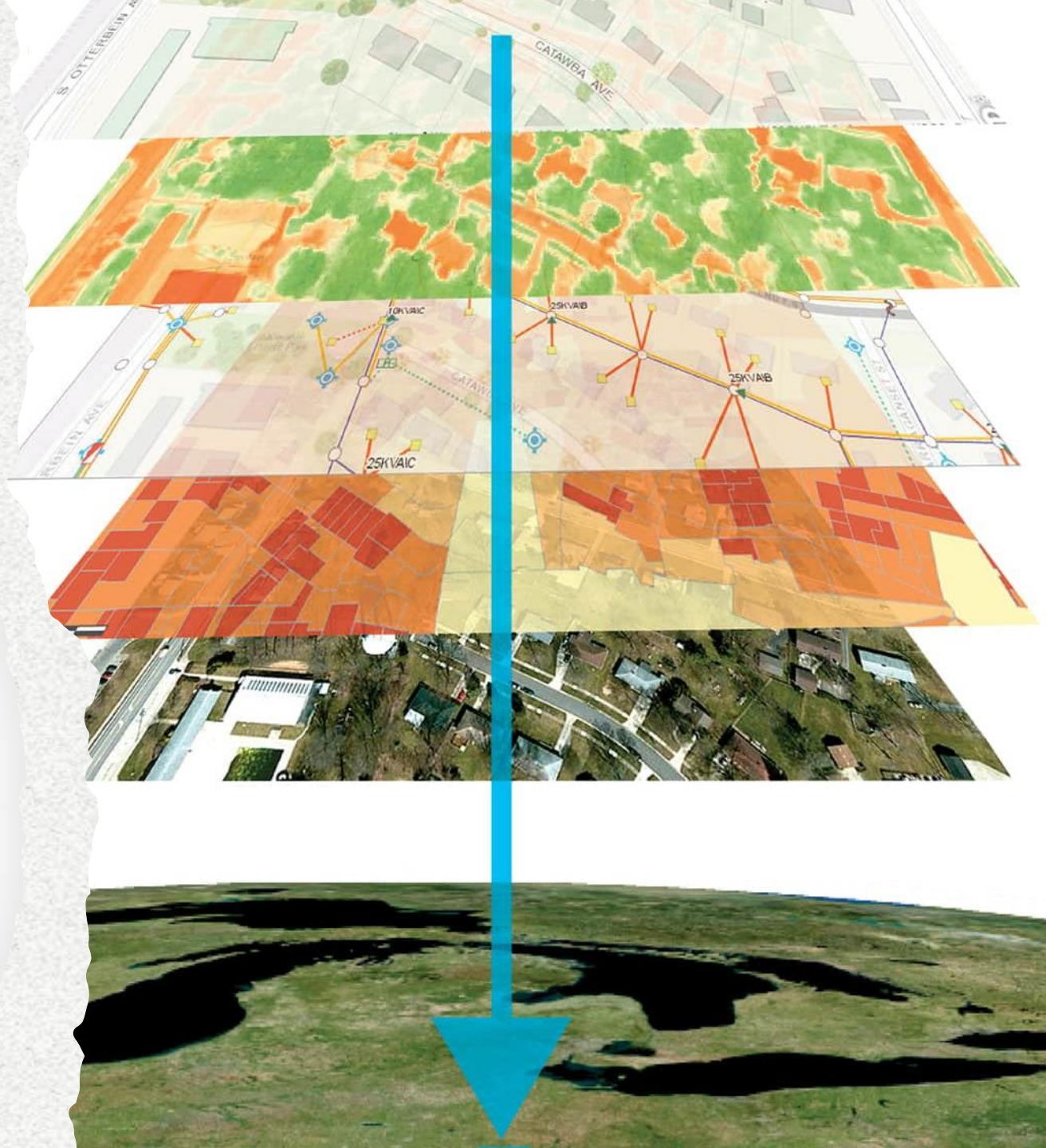
What is nearby?



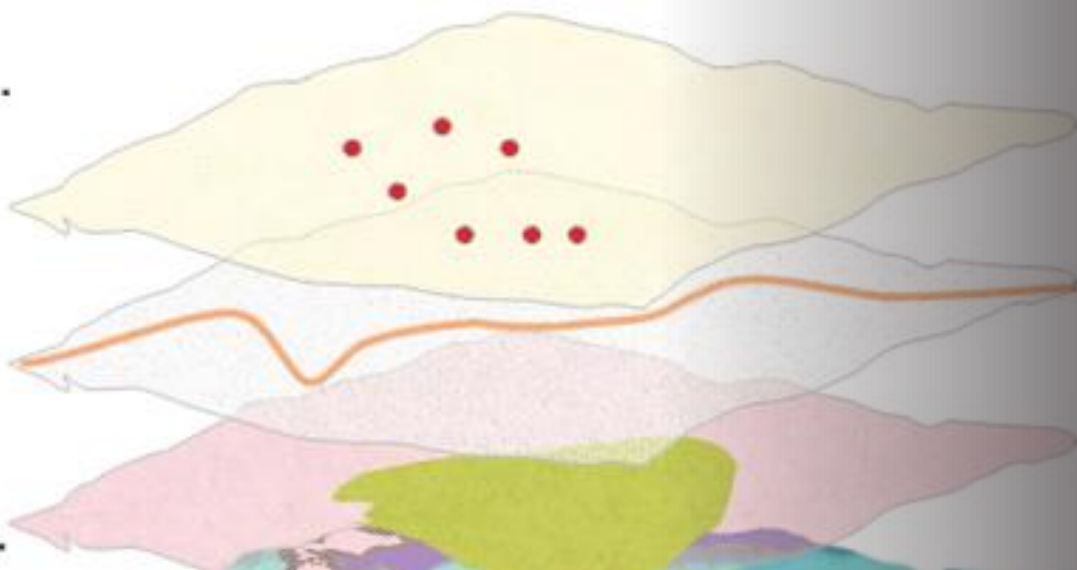
Change

What's changing?

GIS Lingo



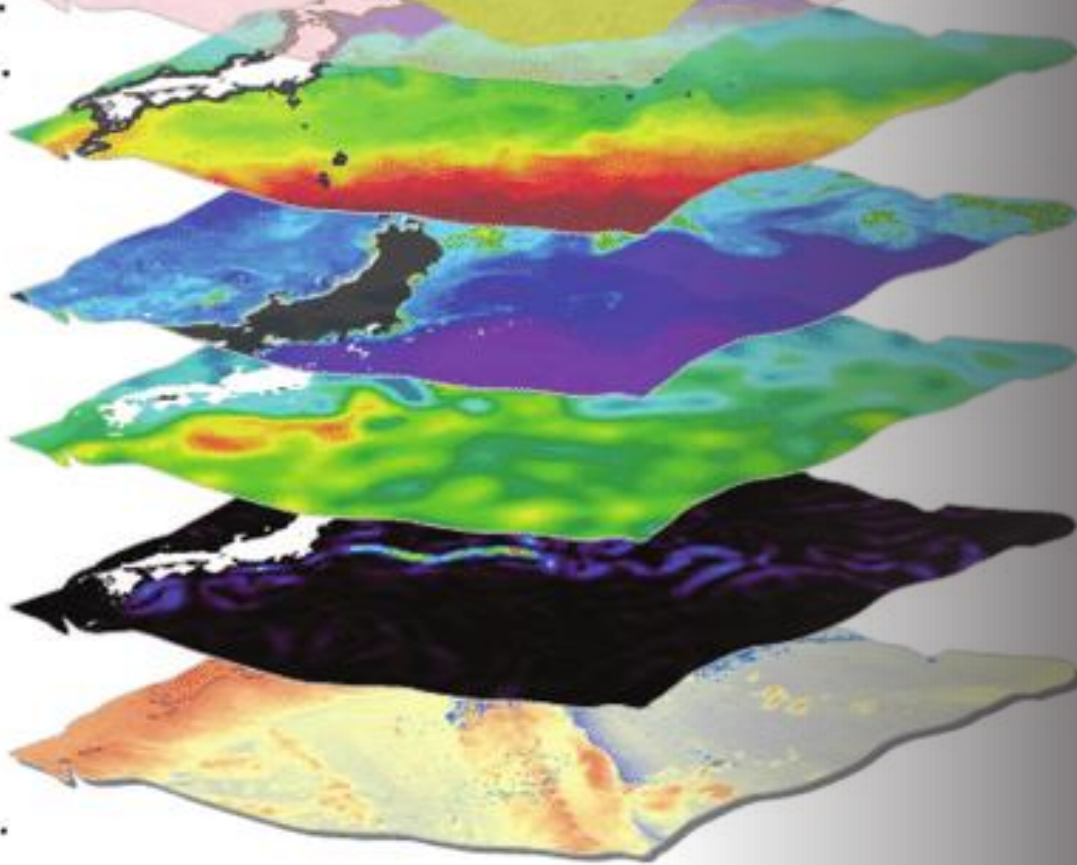
Vector



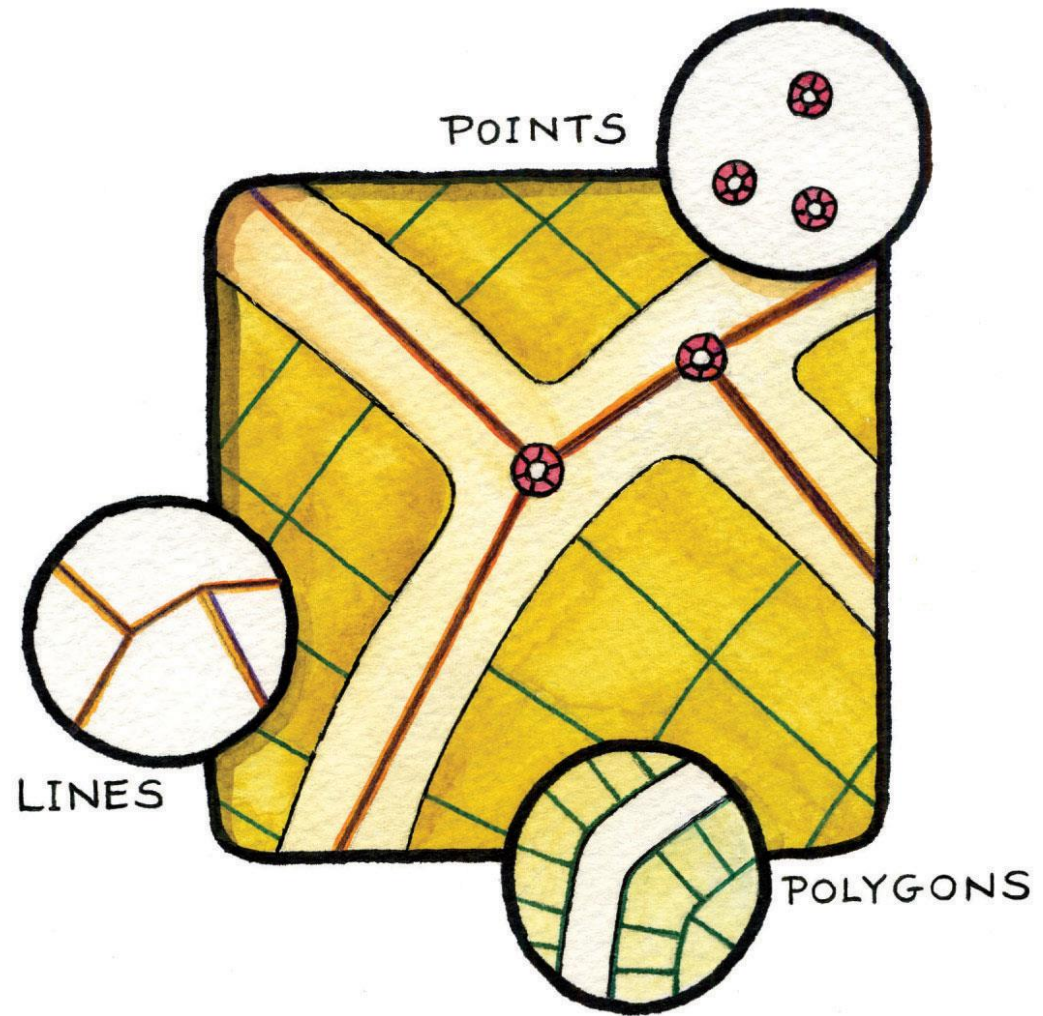
Spatial Data Types

- Vector Data
- Raster Data

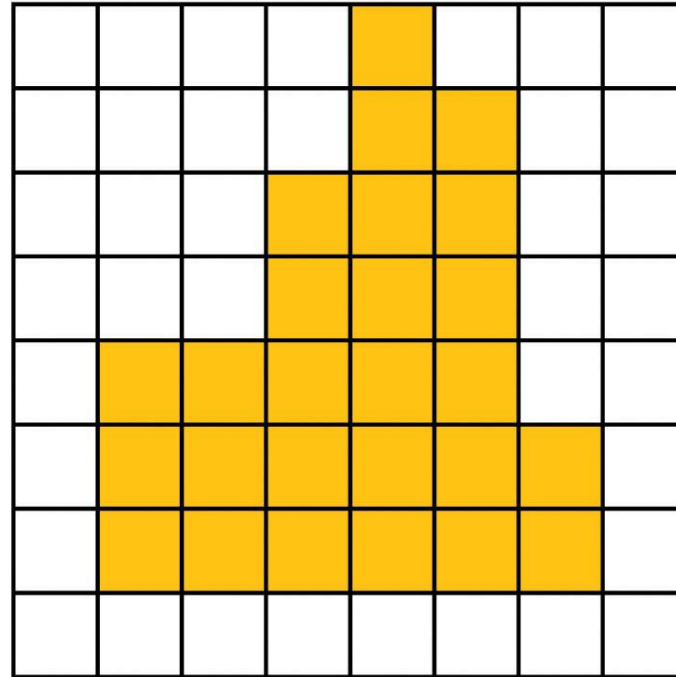
Raster



Vector Data



Raster Data



Row 1: 0 0 0 0 1 0 0 0

Row 2: 0 0 0 0 1 1 0 0

Row 3: 0 0 0 1 1 1 0 0

Row 4: 0 0 0 1 1 1 0 0

Row 5: 0 1 1 1 1 1 0 0

Row 6: 0 1 1 1 1 1 1 0

Row 7: 0 1 1 1 1 1 1 0

Row 8: 0 0 0 0 0 0 0 0



Common File Types

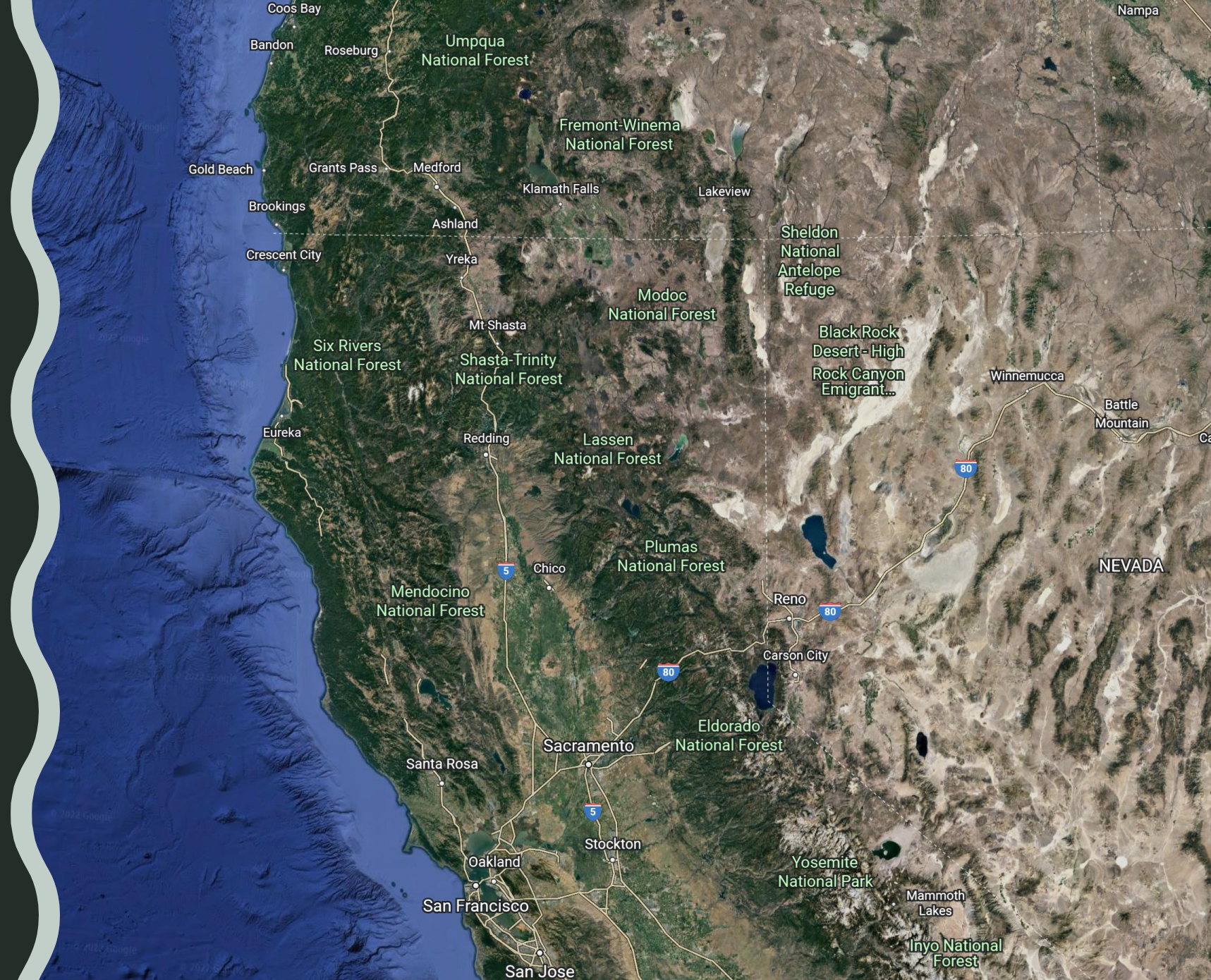
- KMLs
- Shapefiles
- Raster
- Geodatabases



What does KML stand for?

The screenshot shows a mobile application interface for a poll. At the top, there is a navigation bar with a back arrow, the text 'Activities', and buttons for 'Visual settings', 'Edit', and navigation arrows. Below the navigation bar is a dark blue banner with the text: 'When poll is active, respond at Pollev.com/cfsc' and 'Text **CFSC** to **22333** once to join'. The main content area displays the question 'What does KML stand for?' in bold. Below the question, there is a vertical blue line that serves as a separator for three options: 'Keyed Modeling Language', 'Killing My Lobster', and 'Keyhole Markup Language'. On the left side of the interface, there is a sidebar with three icons: a bar chart, a list, and a document with an arrow.

Google Earth



QGIS



ArcGIS



Desktop

- ArcGIS Pro



Web and Mobile

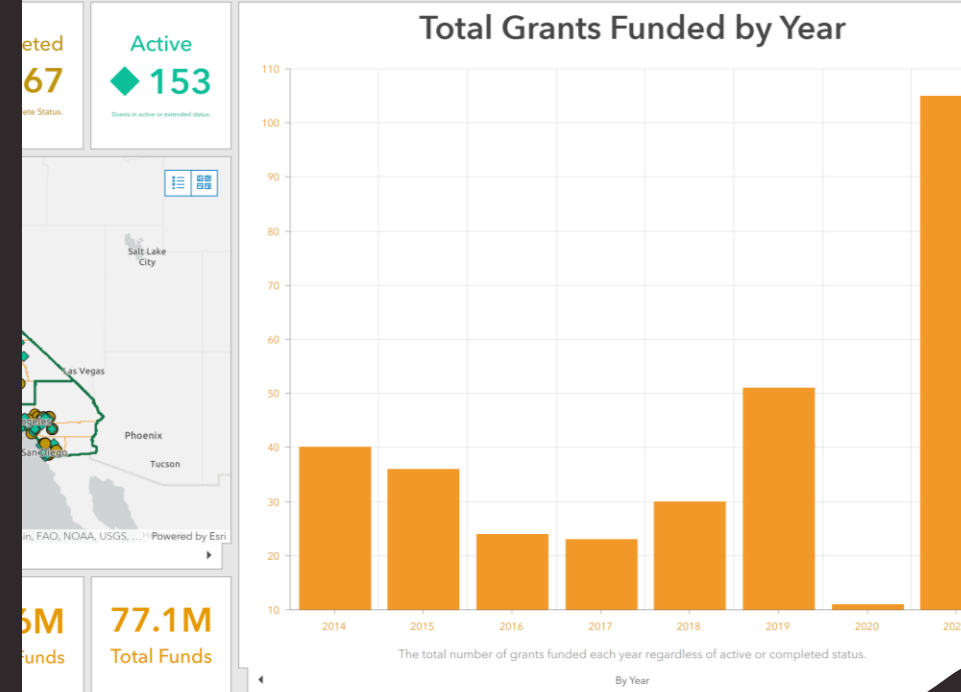
- ArcGIS Online
- Survey123
- Dashboard
- Story Maps



The Impact of Mountain Communities Fire Safe Council

California Fire Safe Council - Organizational Success Stories

MCFCSC's success is built upon a strong CWPP, an amazing group of volunteers and a strong community.



A range of objectives including but not limited to defensible space, grazing, prescribed fire, forest health and resiliency, fuel breaks, wildfire prevention and resiliency, and community education. Projects easily fall within these five metric categories. Plans include Wildfire Protection Plan (CWPP), Community Risk Assessment (CRA), Fire Management Plan (FMP),...

Eastern Fresno County Fires Stewardship Fuels Reduction

California Fire Safe Council - Project Success Stories

Sierra Resource Conservation District project success in the face of the Creek Fire (2020)

Examples



Eastern Fresno County FireSafe & Stewardship Fuels Reduction



Eastern Fresno County FireSafe & Stewardship Fuels Reduction

California Fire Safe Council - Project Success Stories

Sierra Resource Conservation District project success in the face of the Creek Fire (2020)





The Impact of Mountain Communities Fire Safe Council

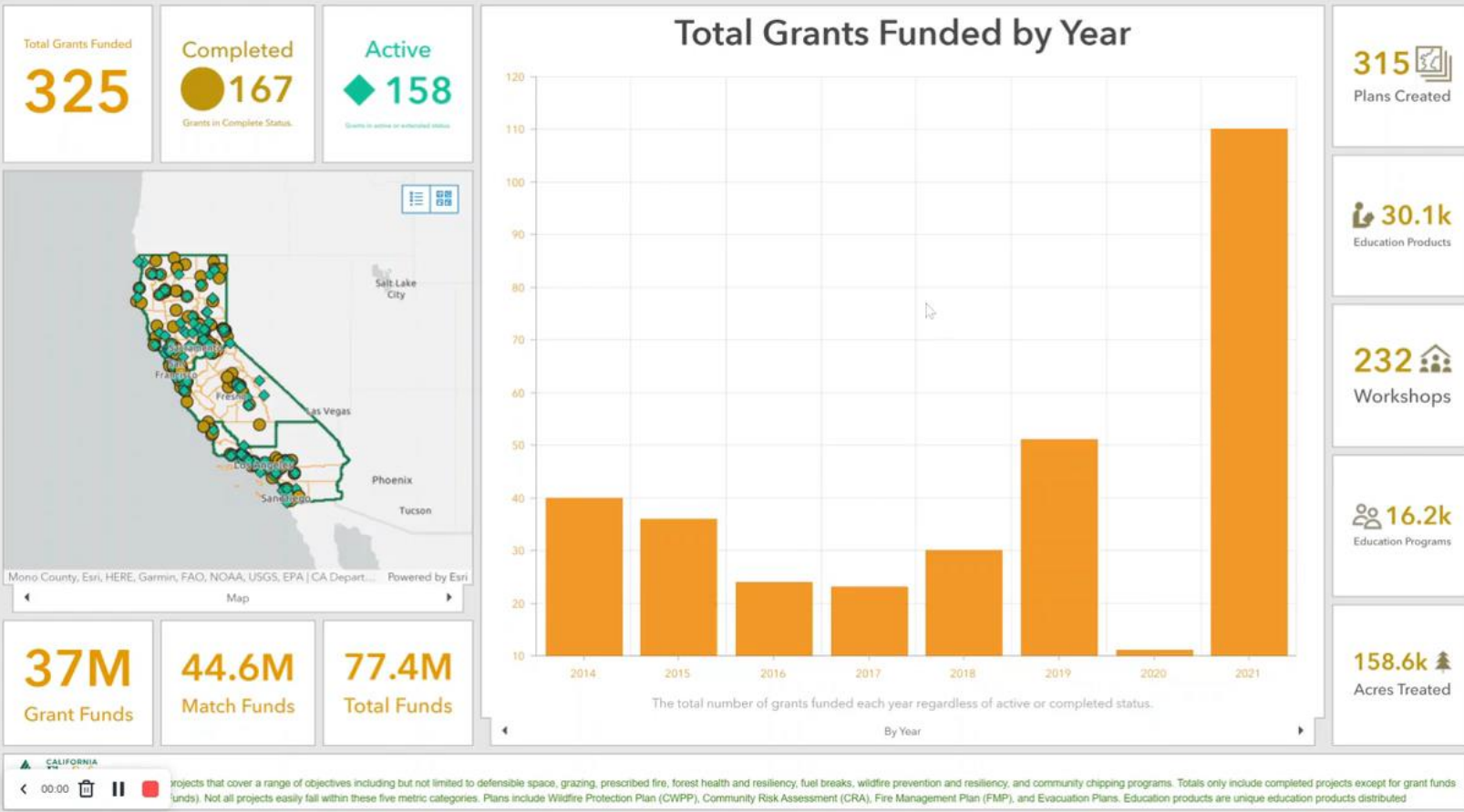
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MCFC's success is built upon a strong CWPP, an amazing group of volunteers and a strong community.



California Fire Safe Council Impact

Grants funded between 2014-2022 by CFSC and updated in January and July every year.



2022 California Fire Safe Council Needs Assessment

The California Fire Safe Council is conducting research on the different needs of fire safe councils and fire mitigation organizations throughout the state. We'd love to hear from you about your organizational goals including resources needed to start a new fire safe council, build capacity, and/or future project funding needs. This will help us make improvements to our existing programs and prioritize future funding needs to improve our mutually collaborative efforts around creating wildfire resilient communities. The survey should only take 5 minutes, depending on how detailed your responses are.

If you have multiple projects that need funding, please fill out the third question of the survey multiple times. Please have your responses submitted by April 15, 2022, at 5 p.m.

If you have questions about the survey, please email Rachael Brady:
rbrady@cafiresafecouncil.org

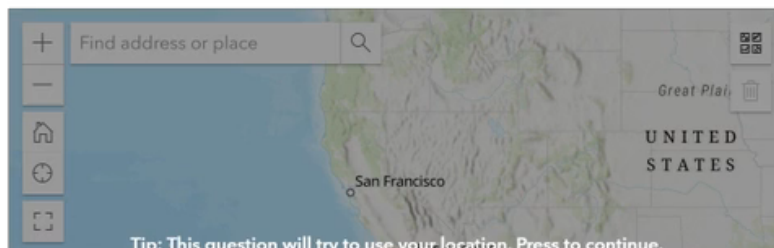
We really appreciate your input.

Organization*

The full name of your organization (no abbreviations): California Fire Safe Council.
If your organization is not listed, please select Not Listed and enter it in the box provided.

Address*

Where is your organization based?



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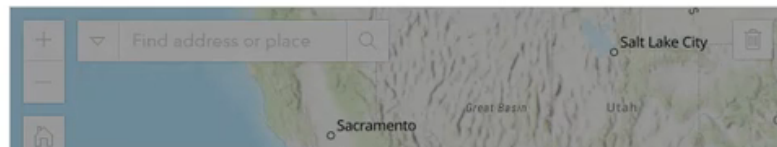
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1 Organization*

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2 Address*

Where is your organization based?



Navigation bar with icons for Add, Edit, Appearance, and Options.

Grid of widget options including Singleline Text, Multiline Text, Single Choice, Single Choice Grid, Dropdown, Multiple Choice, Rating, Likert Scale, Ranking, Number, Date, Time, Date and Time, Signature, Image, File Upload, Address, Map, Email, Website, Note, Group, and Page.

Bottom navigation bar with buttons for Saved, Preview, and Publish.

Mobile interface controls including back arrow, 00:00 timer, trash icon, pause icon, and red stop icon.

Benefit to Your Organization

The image shows a mobile application interface for a poll. At the top, there is a navigation bar with a back arrow and the text 'Activities'. To the right of the navigation bar are three buttons: 'Visual settings' (with a speech bubble icon), 'Edit' (with a gear icon), and two arrows for navigation. Below the navigation bar is a dark blue banner with white text: 'When poll is active, respond at Pollev.com/cfsc' and 'Text **CFSC** to **22333** once to join'. Below the banner is the poll question: 'Can your organization benefit from GIS?'. At the bottom, there is a horizontal line with two options: 'Yes' and 'No'. The interface is set against a light blue background with a sidebar on the left containing icons for a bar chart, a list, and a share button. There are also decorative geometric shapes in green and orange on the left and right sides of the screen.

Activities

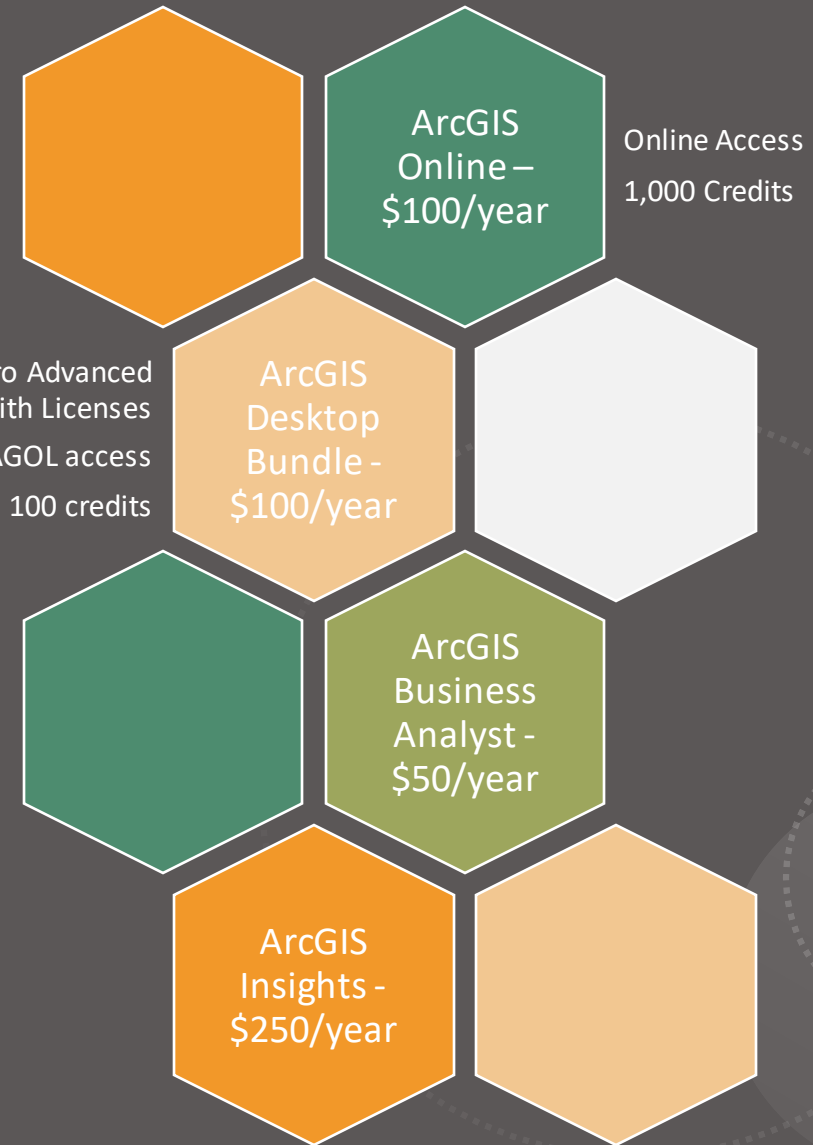
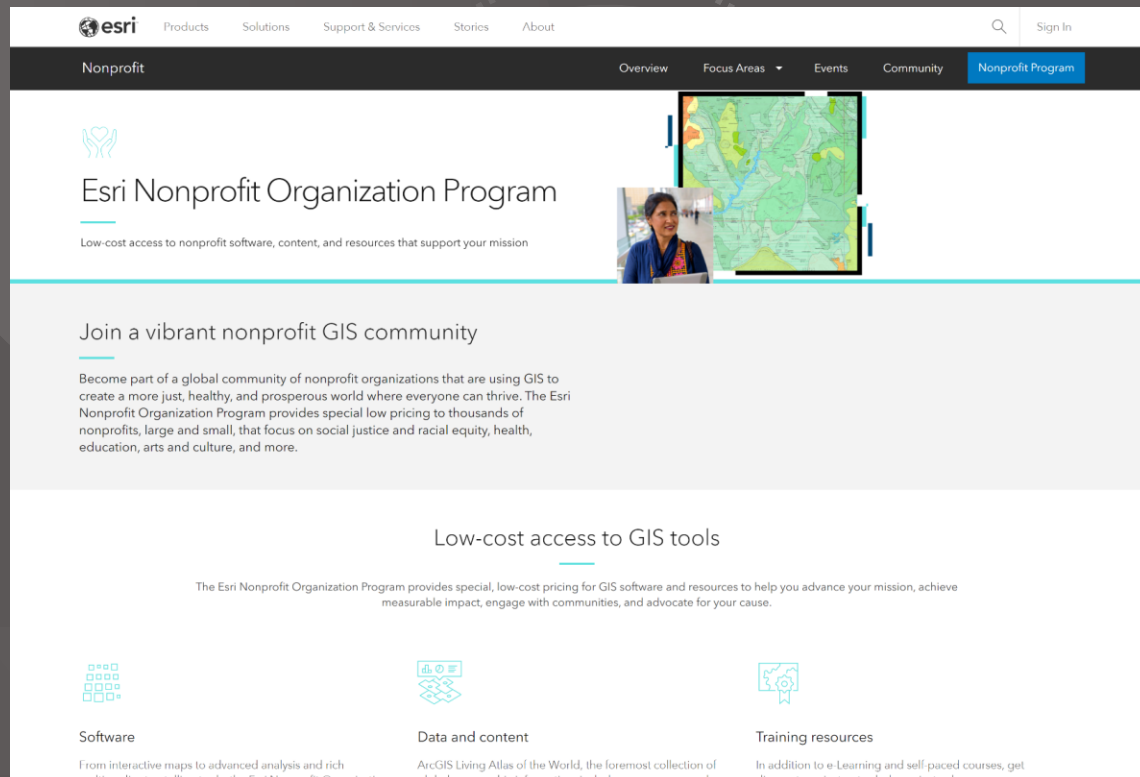
Visual settings Edit

When poll is active, respond at Pollev.com/cfsc
Text **CFSC** to **22333** once to join

Can your organization benefit from GIS?

Yes No

ESRI Non-Profit Program



Future Interest in GIS Training and Webinars

The image shows a screenshot of a PollEv poll interface. At the top, there is a navigation bar with a back arrow and the text 'Activities'. To the right of this bar are three buttons: 'Visual settings' (with a speech bubble icon), 'Edit' (with a gear icon), and two navigation arrows (left and right). Below the navigation bar is a dark blue banner with the text 'When poll is active, respond at Pollev.com/cfsc' and a small icon of a person with a speech bubble. The main content area has a title 'Interest in GIS Training Webinars or Workshops' centered above a horizontal line. Below the line are two options: 'Yes' and 'No'. The interface is set against a light blue background with a sidebar on the left containing icons for a bar chart, a list, and a share button. There are also decorative geometric shapes in green and orange on the left and right sides of the slide.

Activities

Visual settings Edit

When poll is active, respond at Pollev.com/cfsc

Interest in GIS Training Webinars or Workshops

Yes No



Questions