

# USING ARCGIS ONLINE TO MAKE A MAP WHICH SHOWS

*California landforms,*

*Potential landslide areas*

*Land use*

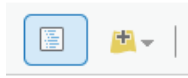
*And whatever you discover that is noteworthy*

## **Let's get started!**

1. Open your browser.
2. Type: [arcgis.com](http://arcgis.com)
3. Click on, "New Map" in the upper right-hand corner of the map window.
4. Double-click on the map to zoom in.
5. Make California the center of the window.
6. Explore the state of California.
  - a. What features do you see?
  - b. Name the mountains.
  - c. Name the major rivers.
  - d. Do you see a valley? What is it called?
  - e. Do you see any deserts? Name them.
  - f. Name some lakes.
  - g. Where is the delta?
7. Use the measurement tool to measure the coastline.
  - a. How long is the coastline?
  - b. What is the width of the widest part of the state?
  - c. How far is it from Los Angeles to San Francisco?

8. Add some other layers to the map. Find the icon with a “+” sign on

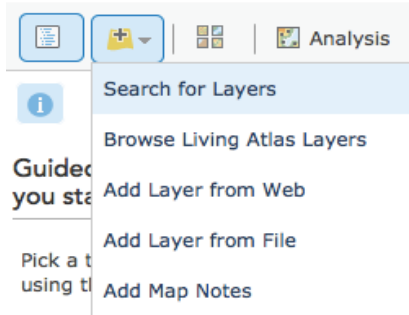
Home ▾ My I



top of a yellow polygon.

a. Click on “Search for layers”.

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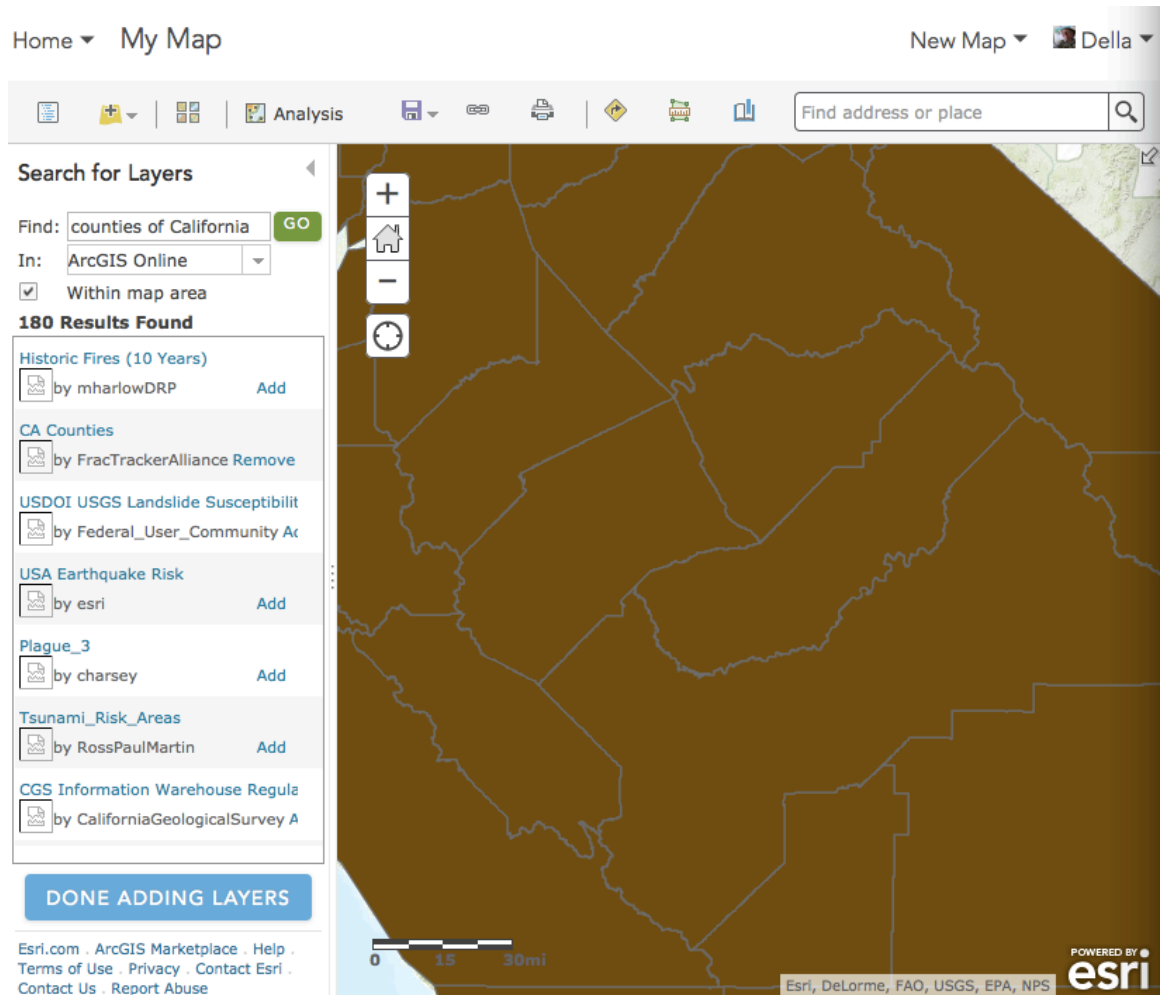


b. In the “Find” box, type – counties of California

c. In the “In” box, type – ArcGIS Online

d. “Add” “CA Counties”

Does your map look something like this?



Let's change the transparency so that you can see the map below.

- At the bottom of the window (left), click on "Done adding layers."
- In the "Contents" window, you should see a check in a box next to "CA Counties."
- Click on "CA Counties", and you will find some tools.
- Click on the three blue dots to the right of the tools (...).
- Another window opens up. Click on "Transparency" and set the transparency to about 50%.
- The names of the counties are very faint and small. Let's remedy that.
  - Click on the 3 dots.
  - Click on "Manage Labels".
  - You should see "Text: {NAME}."

4. Underneath that you may select the font size, etc.
5. When you finish, click “OK”.

Now, you try to add different layers, and see what you discover.

- Be careful to add layers for California, and not for the entire country or world. Try not to use “Premium” layers. They cannot be viewed by others.

Go exploring!

Write down what you learn.