## GIS Data // Catalina Island // 2015 // Helen Hyon

GIS ArcMap allows you to visualize and read data about the site. It has the ability to read collected data from raster images to actual data information. You can find these files in the links cited below. **SHAPEFILES HAS THE MOST INFORMATION!** 







TREE MAP + 2FT CONTOUR



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## HOW TO LOAD DATA ON GIS ARCMAP

- 1. Install ArcGIS (check your email regarding ArcGIS from Professor Selwyn Ting).
- 2. Download the shapefiles (.shp) or raster image files or any other data sets for GIS. Some will read, some will not.
- 3. Save the downloaded files in a folder that you can access *consistently*.
- 4. Open ArcMAP and go to a blank map (press "CANCEL" at start-up window).
- 5. Click on "CATALOG" tab (upper right, see STEP 5).
- 6. Click on the "ADD FOLDER" icon (see STEP 6).
- 7. Open the folder with all your downloaded data files.



### STEP 6 File Edit View Bookmarks Insert Selection Geopre mize Windows Help 🗋 🗃 🖨 🐇 🗿 🛍 🗙 🔊 (~ ) 🔶 + (1:6.000 Benthic Terrai r • 🔝 # × Table Of Contents Current See Current See : 🔋 🔶 📮 🗄 Water Depth □ □ C:\Users\Helen H\Goo □ □ LAR\_Contours\_2FT E C:\Users\Helen H \_\_\_wod\_hu, ⊇ C:\Users\Helen . □ cat\_hillshade Value High : 254 Low:0

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Pg. 3 [ArcMap, http://geospatial.usc.edu, http://egis3.lacounty.gov/dataportal/category/theme/environmental]

## HOW TO LOAD DATA ON GIS ARCMAP (CONTINUED)

- 8. Find the data file (i.e. the .shp file, see STEP 8).
- 9. Drag drop into the blank map or white space.
- 10. The map will automatically zoom to show your visual information.

### **EXTRA GIS INFORMATION**

E1. SEE EXTRA 1, You can control what data you see on the map from the "Table of Contents" window.



#### EXTRA 1



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Pg. 4 [ArcMap, http://geospatial.usc.edu, http://egis3.lacounty.gov/dataportal/category/theme/environmental]

### **EXTRA GIS INFORMATION (CONTINUED)**

- E2. You can find exact information, such as water depth, by clicking on the "Identify" icon (see EXTRA 2).
- E3. Click on the data on the map (see EXTRA 3).
- E4. The "Identify" window will pop up and you can read all it's stored information (see EXTRA 4).





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Pg. 5 [ArcMap, http://geospatial.usc.edu, http://egis3.lacounty.gov/dataportal/category/theme/environmental]