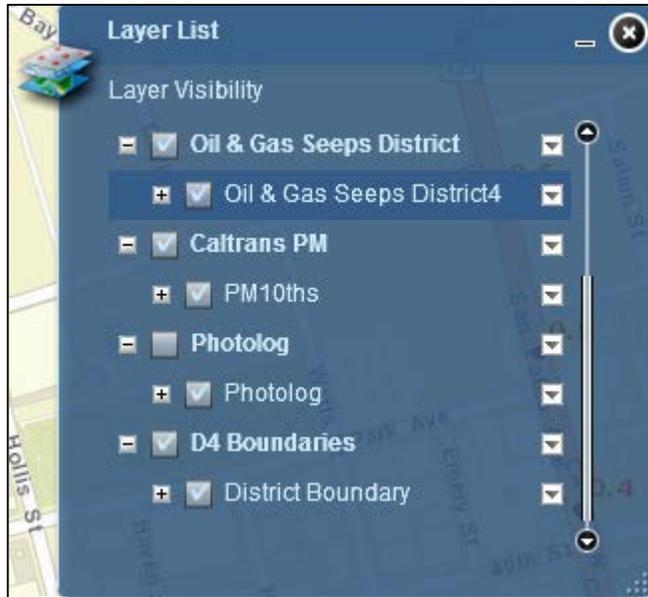


LAYER LIST

The purpose of the tutorial is to showcase the functionality of the Layer List tool. The Layer List tool is used to list the layers used in a map.

1. The **Layer List** gives you different layer options to view features on the map.



The available layers are listed in the order that are drawn and displayed. The last layer in the list, is the first one to be drawn and the first layer in the list is the last one to be drawn on the top of all of them.

2. On your screen, go to the upper right and click on the **Layer List** icon to open.

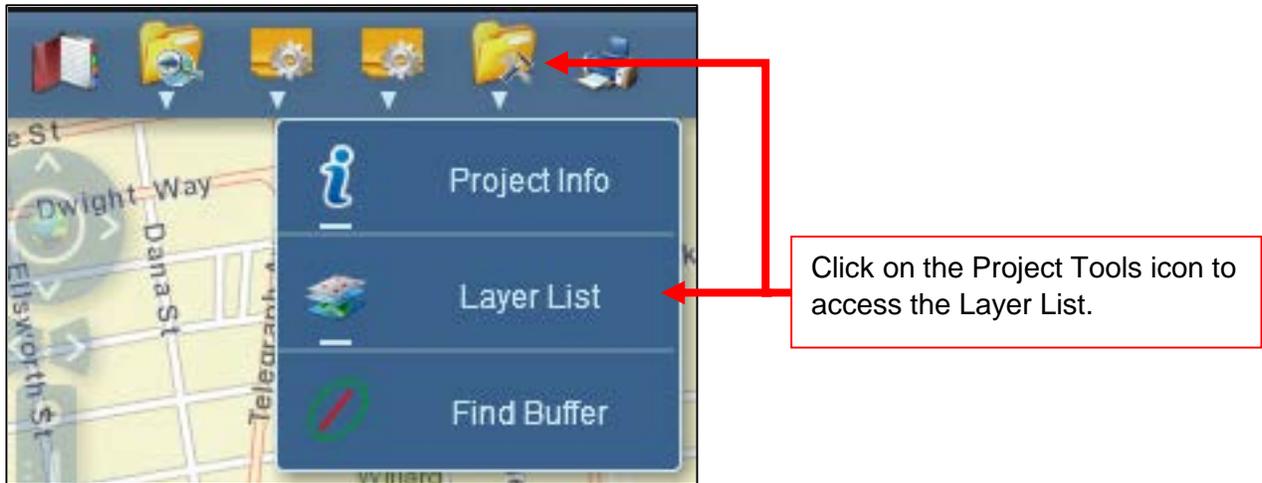


The **Layer List** is located in the upper right of your screen.

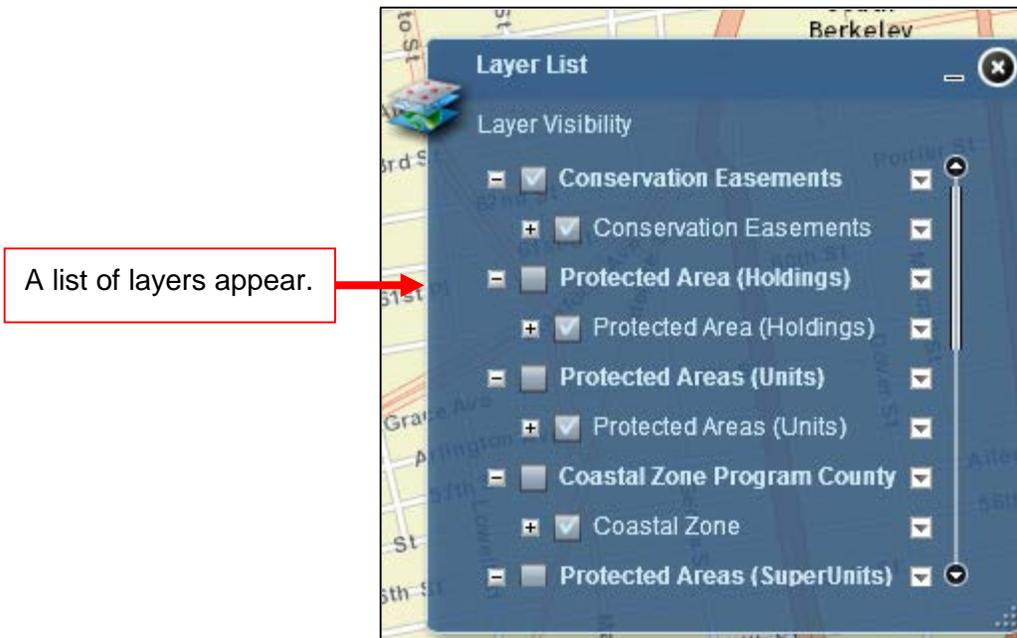
Click on the **Layer List** icon to open.



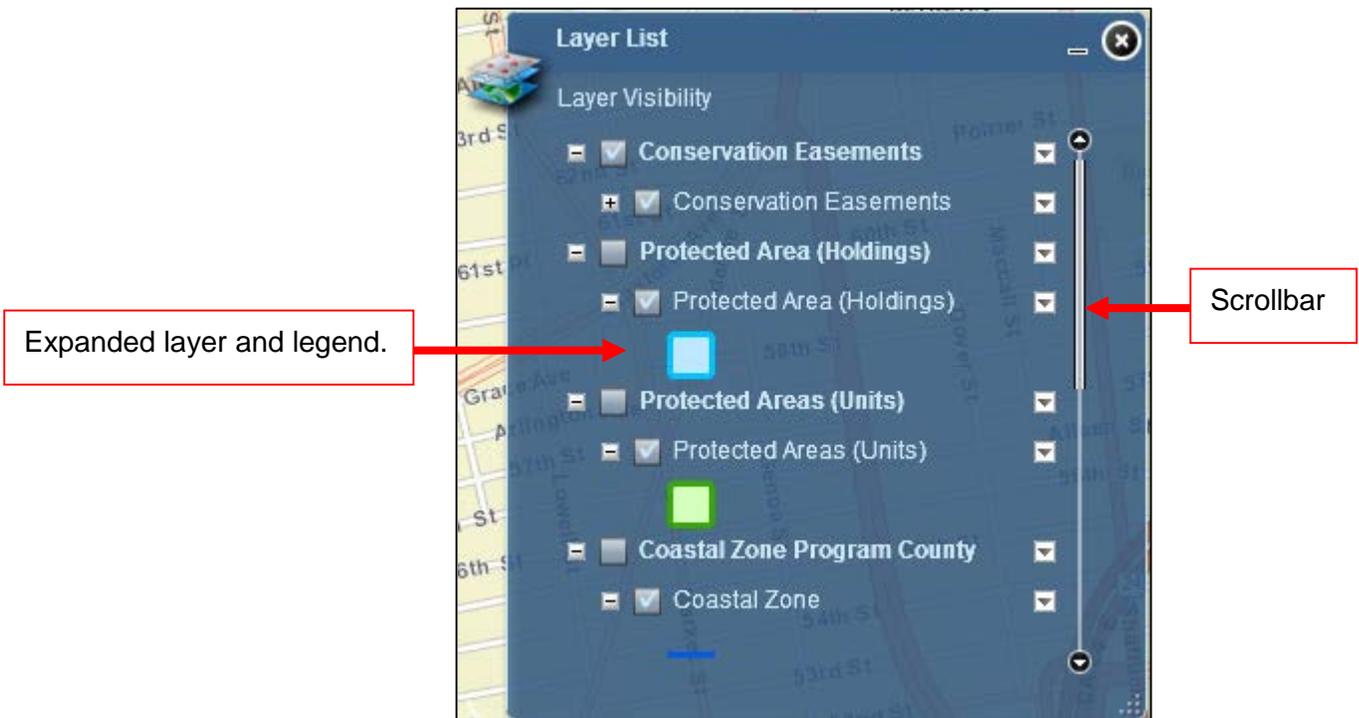
3. The **Layer List** can also be found under the **Project Tools** icon. Select **Layer List** from the list.



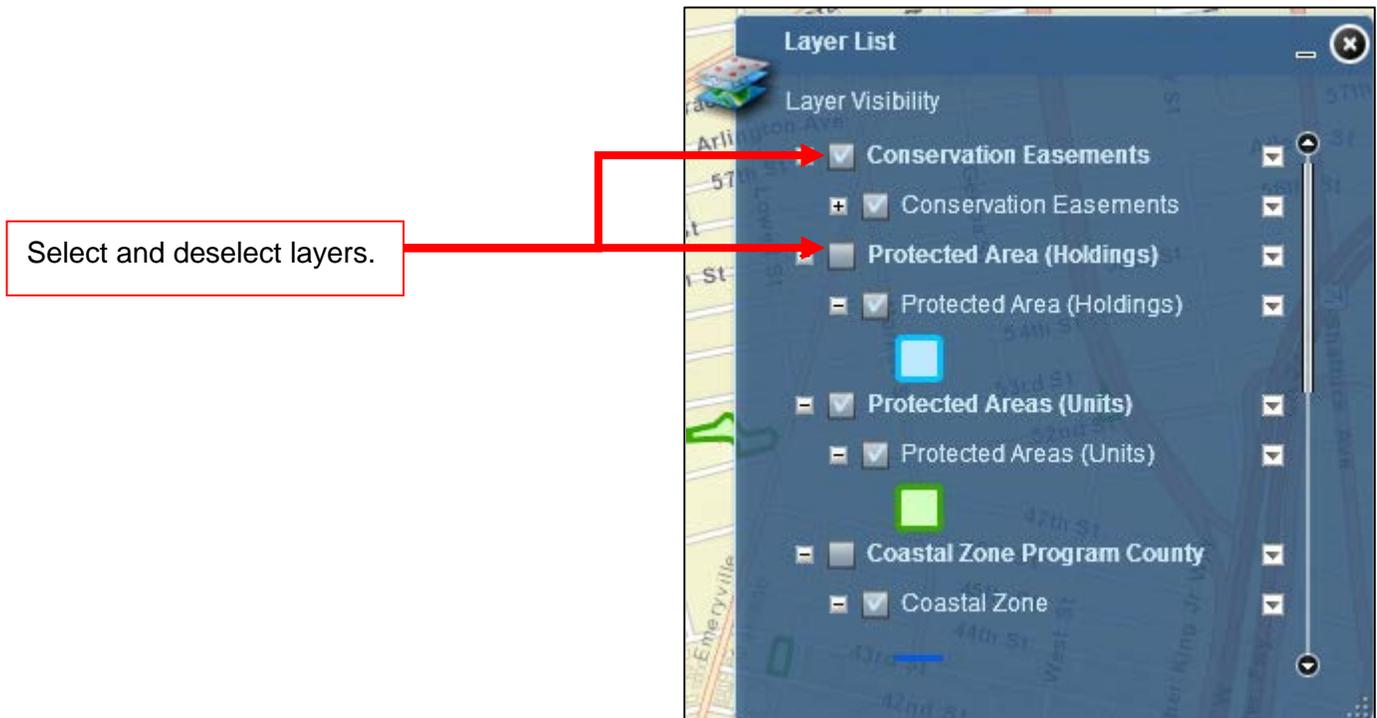
4. When you click on the Layers List, a list of layers will appear.



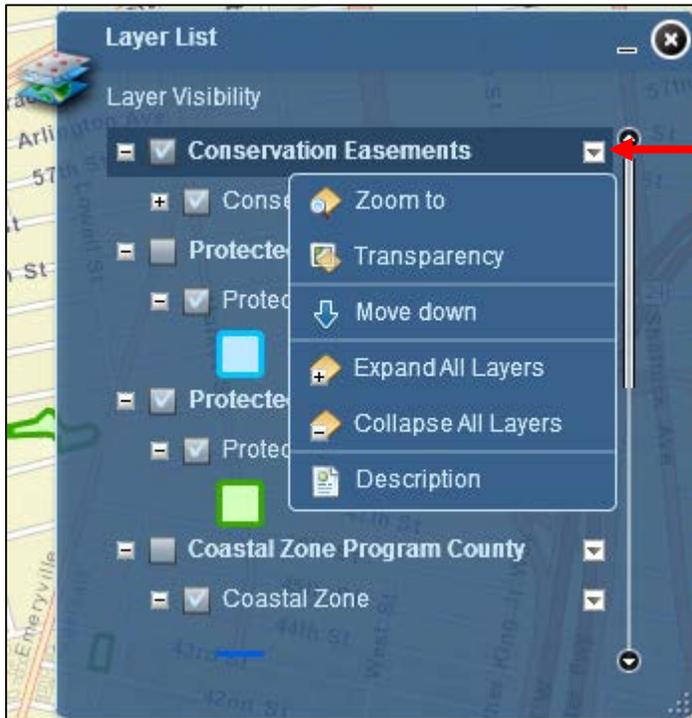
5. Click on the + icon to expand the different layers. You can use the scrollbar on the right to scroll down and see the expanded layers. By expanding a layer, you can see the legend used by that layer. Legend represents the graphic of the layer that is displayed on the map.



6. Select or deselect the different layers by checking or unchecking the boxes to see them on the map.

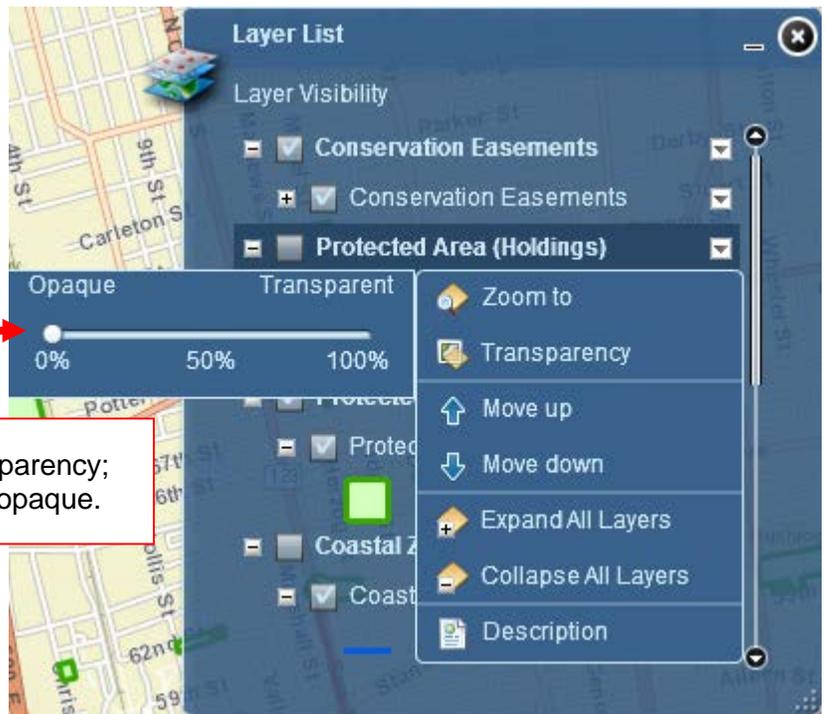


7. If you click on the down arrow beside the layers, you get several other features like **Zoom**, **Transparency**, **Move up**, **Move Down**, **Expand all Layers**, **Collapse All Layers**, and **Description**. Each of them is very handy.



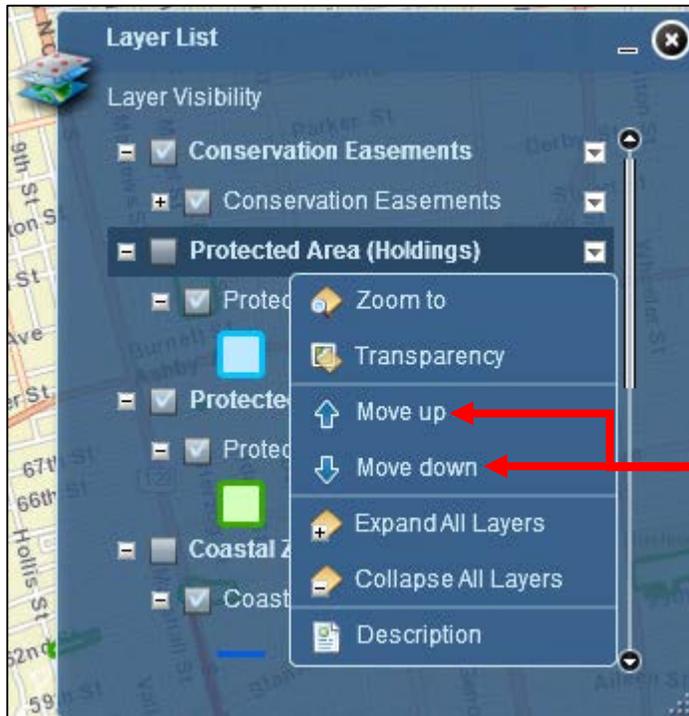
Click on the down arrow to view more features.

- a. **Zoom to** will zoom out of the map. You can zoom back in by double clicking on the map.
- b. **Transparency** will make the layer opaque (0% transparency) or transparent (100% transparency) or somewhere in between depending on the percent of transparency chosen.



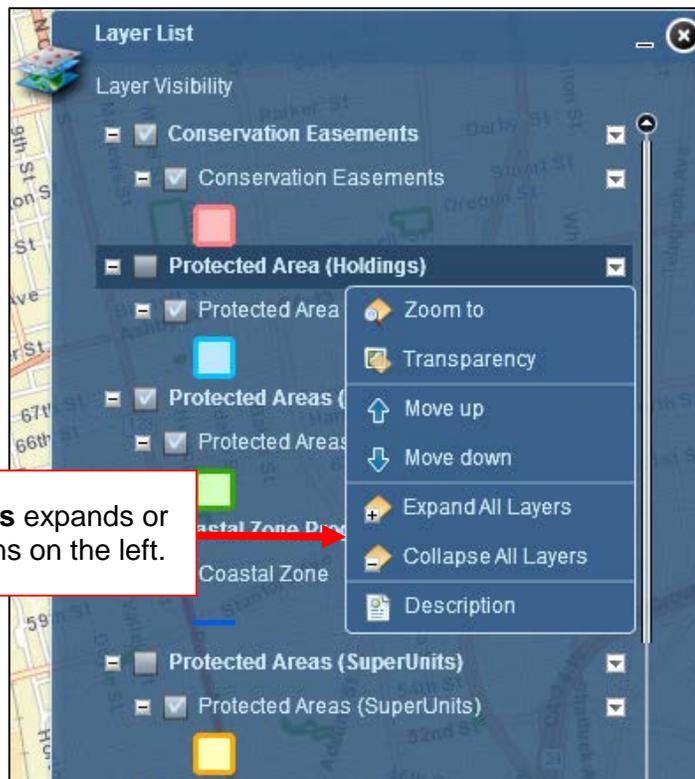
Layer is no longer visible at 100% transparency; layer is visible and 0% transparency or opaque.

- c. By clicking **Move Up** or **Move Down**, you can move a certain layer upward or downward to make one layer more visible than another.



Click on Move up or Move Down to change the order that that layer is drawn on the map.

- d. **Expand All Layers/Collapse All Layers** will expand or collapse the different layers. The same result for clicking the + or – icon at the side of each layer.



Expand All Layers/ Collapse All Layers expands or collapses layers just like the + and – signs on the left.

e. **Description** will open up a new browser with the metadata of the layer.

ArcGIS REST Services Directory

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[JSON](#)

Layer: Protected Area (Holdings) (ID: 3)

Name: Protected Area (Holdings)

Display Field: AGENCY_NAME

Type: Feature Layer

Geometry Type: esriGeometryPolygon

Description:

Definition Expression: N/A

Copyright Text:

Default Visibility: false

MaxRecordCount: 1000

Supported Query Formats: JSON, AMF

Min Scale: 0

Max Scale: 0

Supports Advanced Queries: true

Supports Statistics: true

Has Labels: false

Can Modify Layer: false

Can Scale Symbols: false

Use Standardized Queries: true

Description opens new browser with metadata for that layer.

For a video tutorial of this topic, visit http://env.dot.ca.gov/env_gis/tutorials/layers/layers.html