

Selecting HUC12s

This tutorial will cover the process to make the HUC12 layer selectable and then use the add or remove selection interactive tools.

Please see **Setting Up a New Map Document** for instructions about adding the PISCES toolbox, selection toolbar and HUC12 feature layer to a map document. This tutorial will use the preconfigured map document - **editing.mxd**.

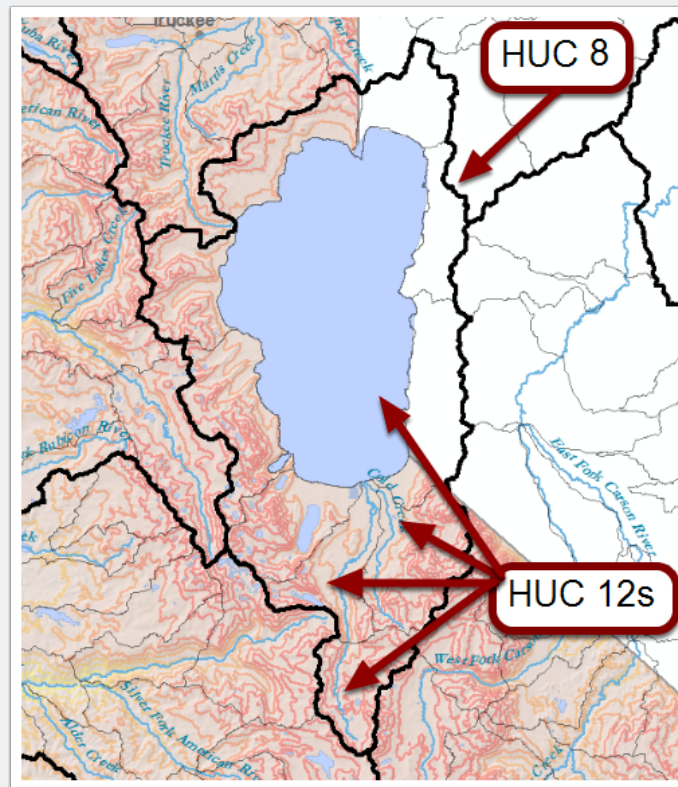
Make the HUC12 layer selectable

Many of the tools in PISCES operate on the HUC12 layer. The HUC12s are hydrologic unit codes that represent distinct watersheds. PISCES uses the USGS Hydrologic Unit Code 12 - subwater boundaries for California as the common unit in the database. We want to make the HUC12 layer the only selectable layer in the map document.

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HUCs

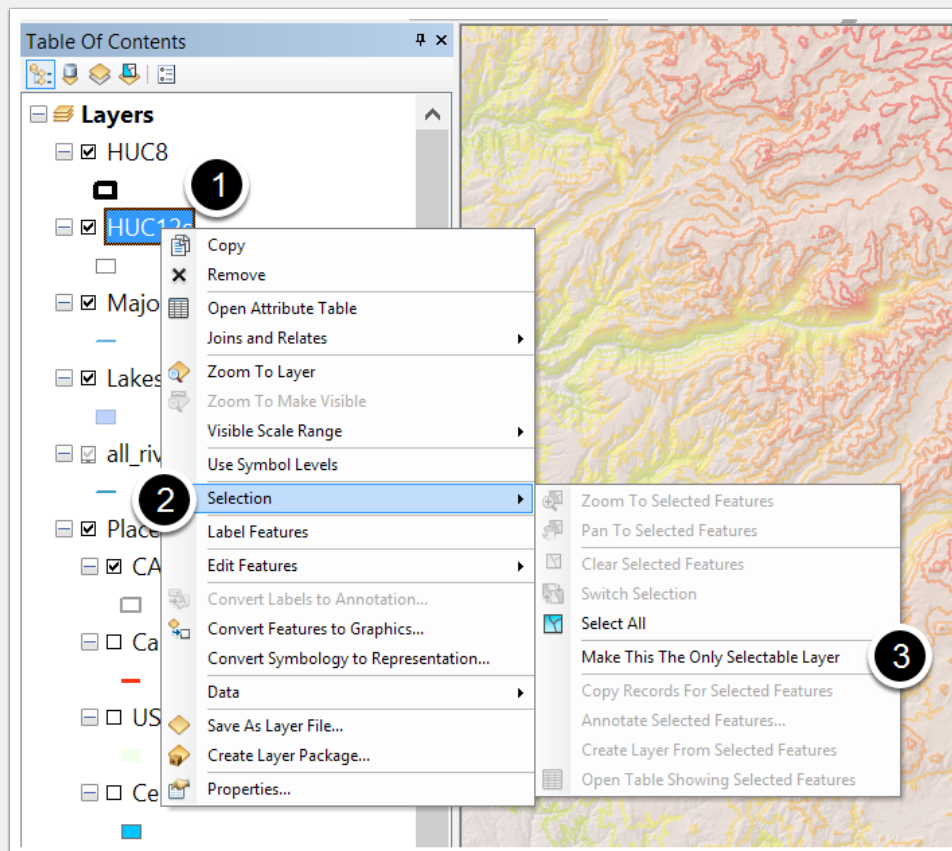
Editing.mxd contains two features that represent different HUC levels California - HUC8s and HUC12s. HUC8s are large regions with eight digit codes that contains many HUC12 watersheds (twelve digit codes). California has 140 HUC8 regions that intersect the state boundary. This includes all of Region 18 (California water region) as well as parts of Region 15 (Lower Colorado), Region 17 (Pacific Northwest) and region 16 (Great Basin).



Selecting HUC12s

Make This (HUC12s) The Only Selectable Layer

1. Right click on the HUC12s feature name in the Table of Contents
2. Selection
3. Make This The Only Selectable Layer

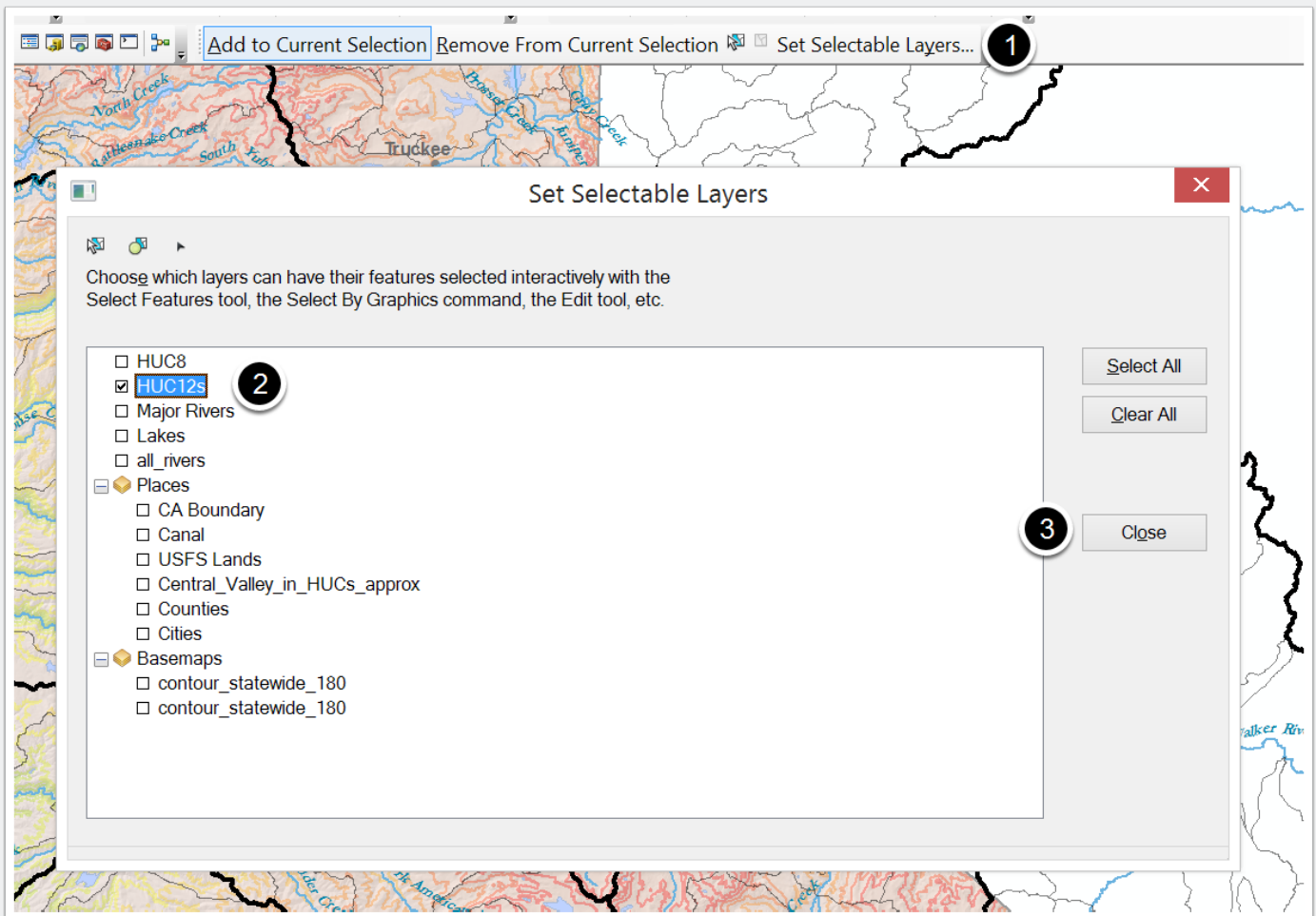


Alternative option: Selection Toolbar - Set Selectable Layers

If the selection shortcuts toolbar is added to the map document, you can use the Set Selectable Layers shortcut to make the HUC12s feature layer the only selectable layer in the map.

Selecting HUC12s

1. Set Selectable Layers.... shortcut in the selection toolbar
2. Check HUC12s and remove checks from other layers
3. Close box



Selecting HUC12s

Interactive Selection

Selecting features allows you to identify or work with a subset of features on your map. You'll most likely work with selected features when you are querying, exploring, analyzing, or editing species data.

There are several ways you can select features. You can select features with your mouse pointer by clicking them one at a time or by dragging a box around them on the map as well as selecting features by attributes. This step will cover ways to select features interactively on the map.

Select Features Tool

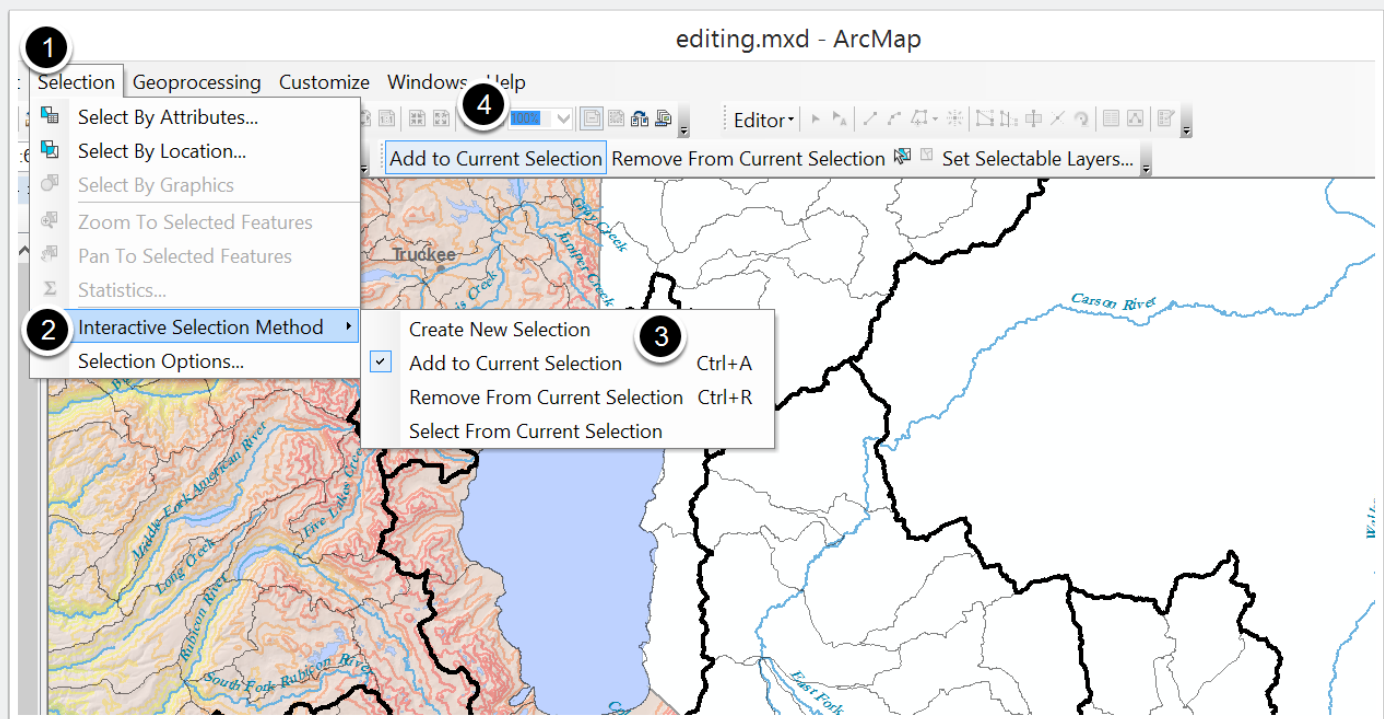
Use the Select Features tool on the *Tools* toolbar (there is also a shortcut on the *Selection* toolbar). Select features from selectable layers by clicking on them or dragging a box over them.

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Add to Current Selection

The Add to Current Selection keeps any existing selection and also selects the ones you click or drag a box around.

1. Choose Selection Menu
2. Interactive Selection Method
3. Add to Current Selection
4. Optional: shortcut on *Selection* toolbar



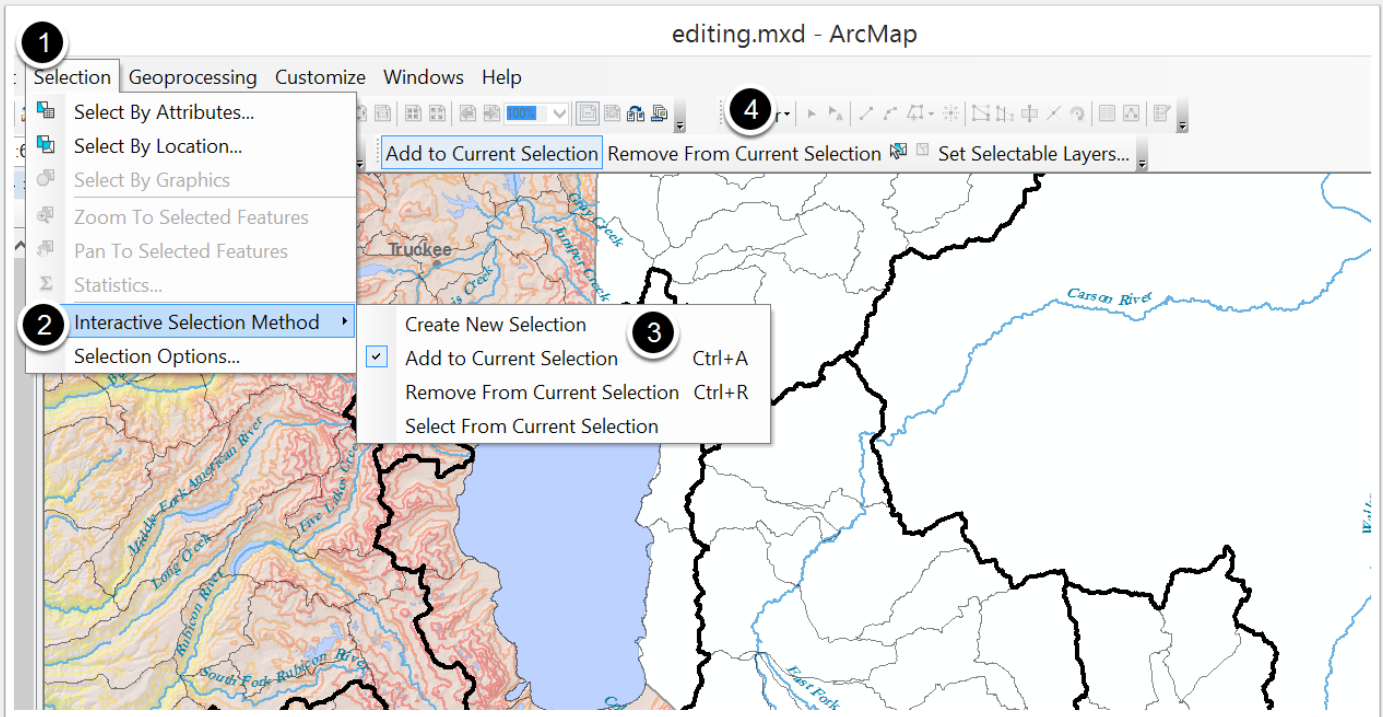
Remove From Current Selection

Remove From Current Selection deselects the features you click or drag a box around but keeps any other features selected.

1. Choose Selection Menu

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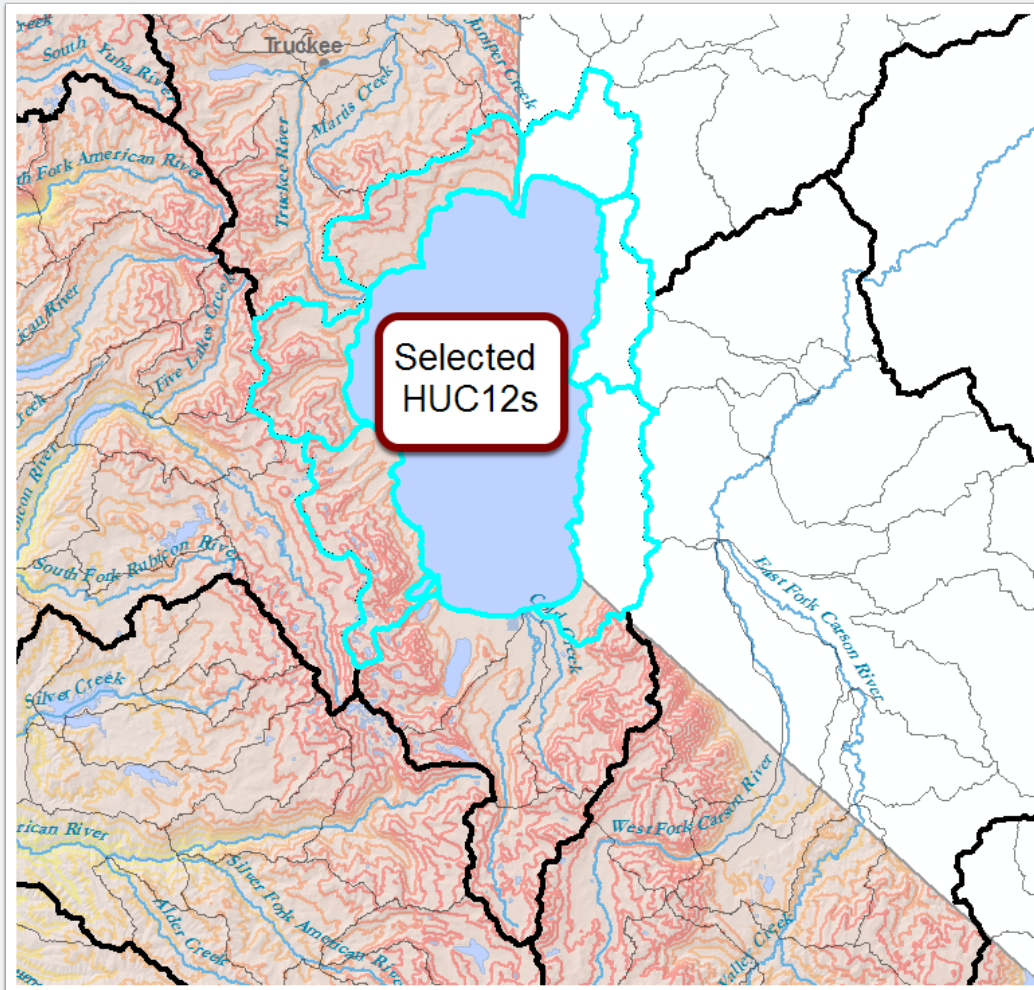
2. Interactive Selection Method
3. Add to Current Selection
4. Optional: shortcut on *Selection* toolbar



Selecting HUC12s

Toggle Add/Remove

Toggle between Add to Current Selection and Remove From Current Selection until you get your desired subset of HUC12s selected. Selected features will be highlighted.



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Clear Selected Features

To clear the entire selection by deselecting all selected features at once, click the Clear Selected Features Tool on the *Tools* toolbar (shortcut also in the *Selection* toolbar).