

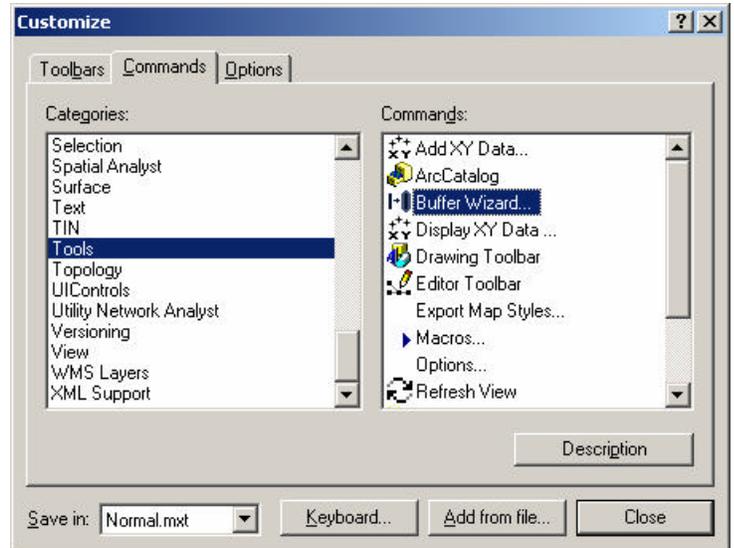
# Creating Buffers Using the Buffer Wizard

Updated: April 2, 2007

Software: ArcMap 9.1

## Add the Buffer Wizard to a Toolbar:

1. Click **Tools** → **Customize**
2. In the Customize dialog box, select the **Commands** tab
3. In the **Categories** window, scroll until you see the **Tools** option
4. Click **Tools** to display different commands & icons in the **Commands** window
5. Click the **Buffer Wizard** icon to highlight it
6. Drag and drop the Buffer Wizard icon to a toolbar

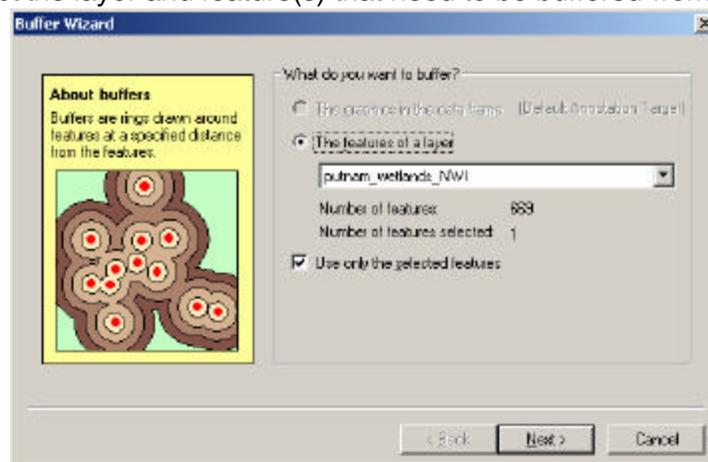


## Using the Buffer Wizard:

1. Select the feature(s) that need to be buffered:
  - a. Use the **Select Features** arrow and click on a feature to highlight it
    - i. Additional features can be added to or subtracted from the selected set by holding the shift key and clicking on other features
  - b. Use the **Select by Attributes** option to enter a query that will select features that match the selection criteria

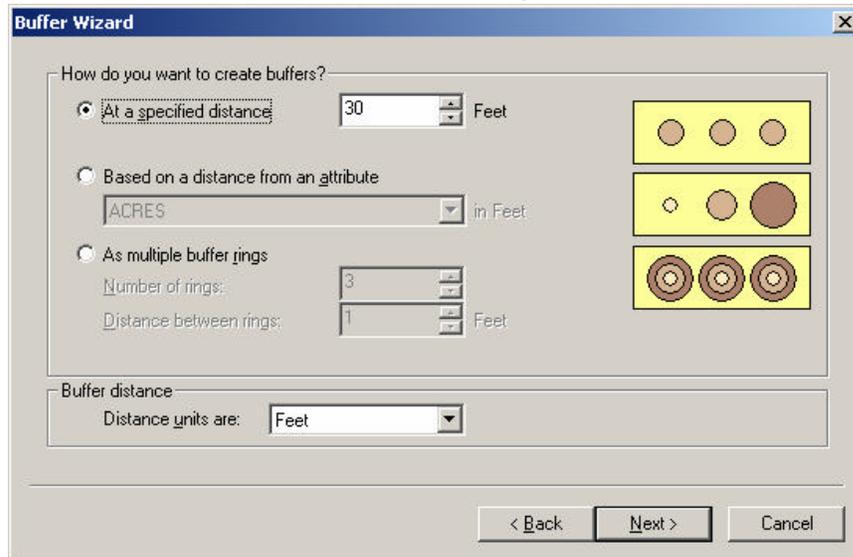
## Using the Buffer Wizard:

1. Click the **Buffer Wizard** icon
2. In Panel #1:
  - a. Select the layer and feature(s) that need to be buffered from the drop-down list

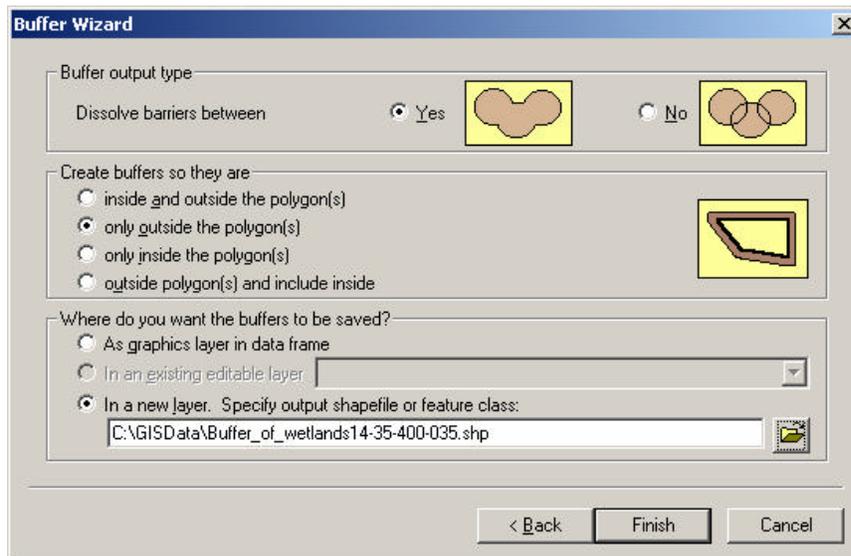


- b. Click **Next**

3. In Panel #2, select the type of buffer you want to generate
  - a. Enter a value for **At a Specified Distance** if you want to create a single buffer *OR*
  - b. Generate **multiple buffer rings** by selecting this option, indicating the number of rings, and specifying the distance between rings. For example, you can create 3 buffer rings with each ring 500 feet apart.
  - c. Select the **Buffer Distance** units from the drop-down menu



- d. Click **Next**
4. In Panel #3, finalize buffer criteria
  - a. Select **Yes** to dissolve barriers between buffers
  - b. Indicate where buffers should be created
  - c. Save the buffer to a folder and give the buffer a new name



*Note: Using the Buffer Wizard to buffer shapefile feature(s) creates a new shapefile. If features in a geodatabase are buffered, by default the buffer will be added to the database.*

*Buffer layers can be added to any ArcMap document. The buffer layer can be symbolized, added to a legend, etc just as other layers. Be sure to give each new buffer layer a unique name.*

- d. Click **Finish** to create the buffer