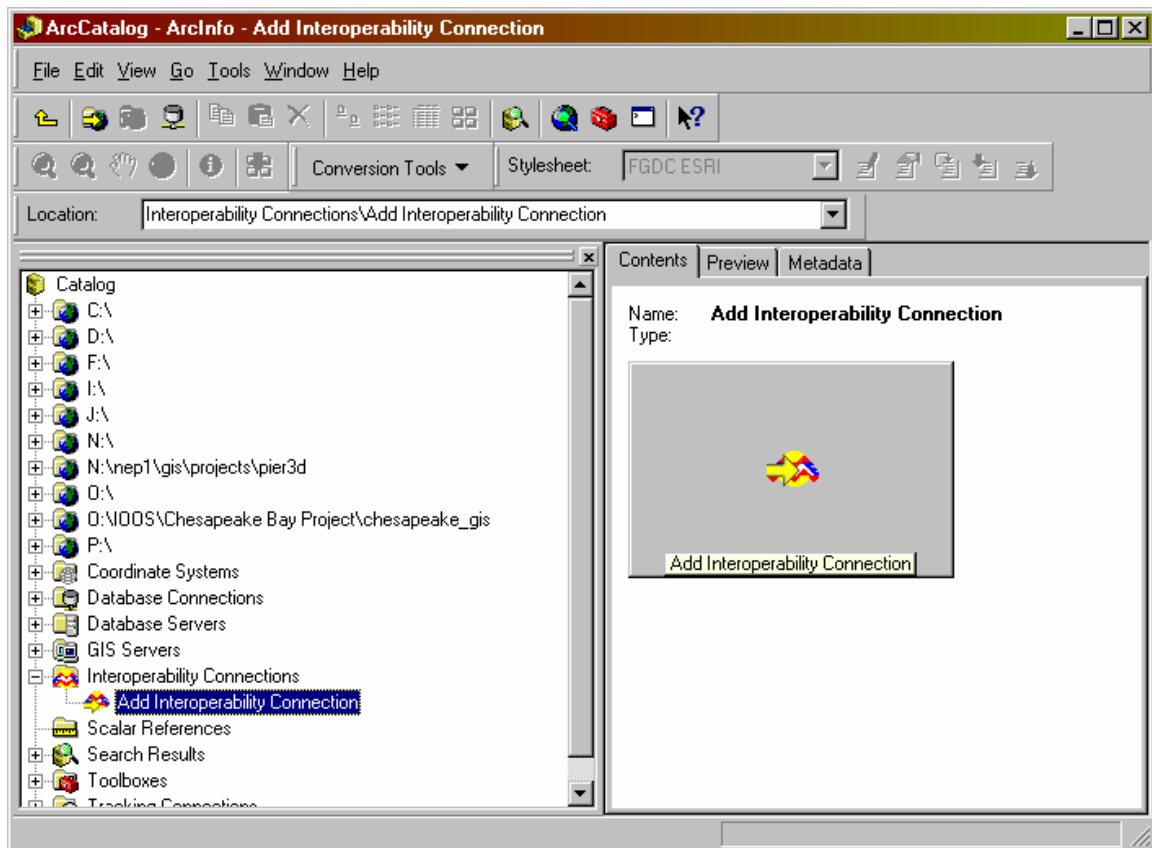**Adding Digital Coast: Legislative Atlas Data Layers
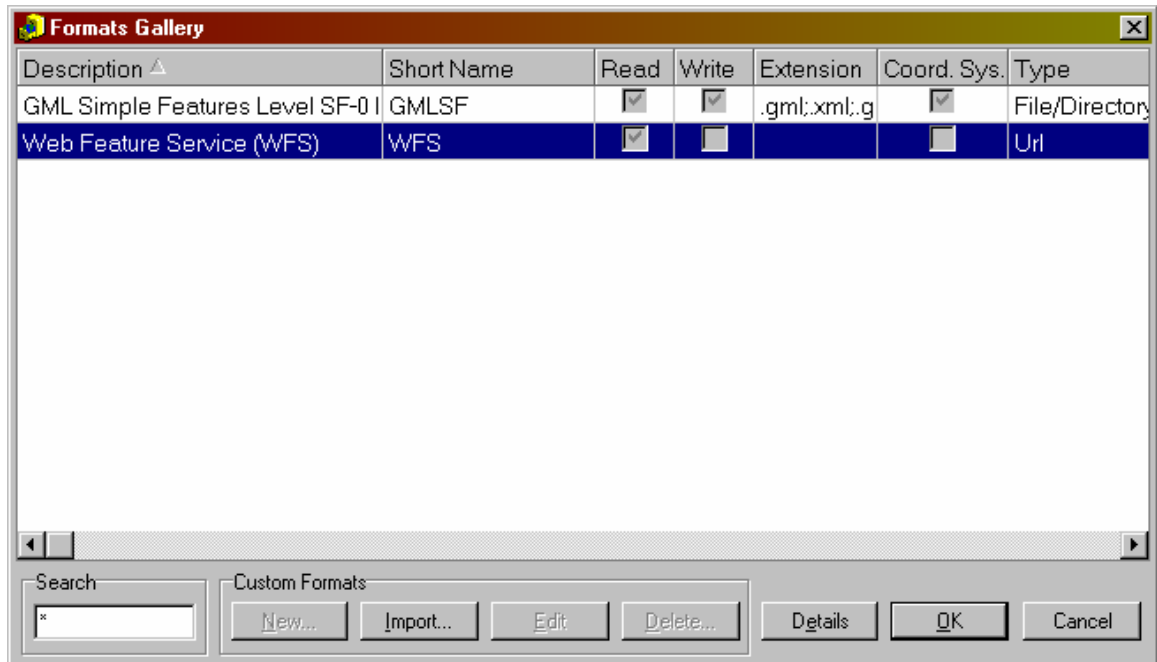in Web Feature Service (WFS) Format to ArcGIS 9.2**

NOTE: These instructions will only work with ArcGIS 9.2. Previous versions of ArcGIS 9.x will require the Data Interoperability Extension to access WFS data layers.

1. Open ArcCatalog

2. Expand the "Interoperability Connections" option in the Table of Contents on the left-hand side of the Graphical User Interface (GUI) and double click on **Add Interoperability Connection** (Figure 1).

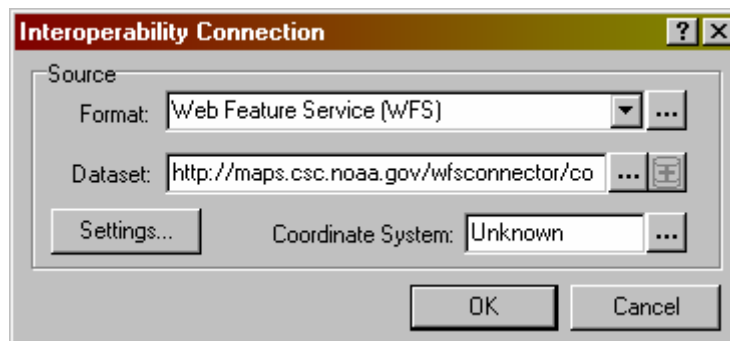(**Figure1** – The Add Interoperability Connection link in ArcCatalog)

3. Click on the **...** button next to the Format input field. In the subsequent window, make sure the **Read** option is checked for Web Feature Service (WFS) (Figure 2).

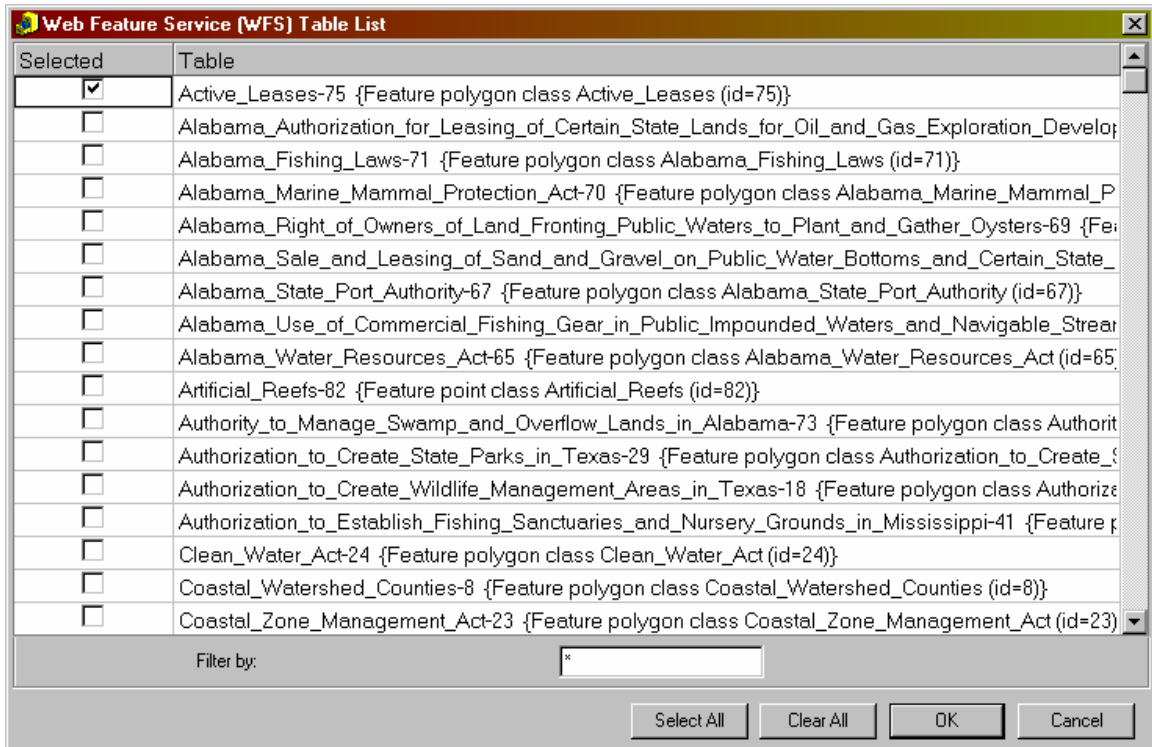(**Figure 2** – Enabling WFS Read capability in ArcMap)

4. Click **OK**.

5. Copy the following URL and paste it into the Dataset field:

    http://maps.csc.noaa.gov/wfsconnector/com.esri.wfs.Esrimap/LegAtlas_WFS?
    (Figure 3)

(**Figure 3** – Adding the WFS link to the Interoperability Connection window)

6. Click on the **Settings** button. In the next window, click on the **...** button
    next to the "Table List" field.

7. Check the box next to the data layer(s) you wish to add to ArcCatalog
    (Figure 4). When you have finished, click **OK**.

(**Figure 4** – Digital Coast: Legislative Atlas WFS table list)

8. Click **OK** to close the next window.

9. Click on the **...** button next to the "Coordinate System" field.

10. Click **Select**, then double click on **Geographic Coordinate Systems > North America > North American Datum 1983.prj**. Click **Add**.

11. Click **OK** to dismiss the Spatial Reference Properties window.

12. Click **OK** once again to add the WFS connection. You can access these data layers in ArcMap by clicking on the **Add Data** button and selecting **Interoperability Connections** from the "Look in:" menu list.

The URL referenced in Step 5 can be used to add the Digital Coast: Legislative Atlas data layers to many additional GIS software packages. Consult the software's accompanying documentation for more information.

For more information on WFS, visit http://www.opengeospatial.org/standards/wfs