Appendix D
AdobeReader GeoPDF Overview

The Appendix documents step by step instructions on how to read/view all attributes associated to a Geospatial PDF. Section 3 describes the methodology used to gather nonconsumptive projects and methods across the state and summarizes the methodology used to analyze the project and methods information. As a result of Section 3, three nonconsumptive project and method geospatial PDFs were developed for the basin roundtables to view all the information gathered and analyzed in Section 3. The Geospatial PDFs include the Projects and Methods Map, Projects and Methods Status Map, and Study Status Map. The attributes provided in the Geospatial maps are:

- Project or Method Name
- Project or Method Type (i.e., study, flow protection, or restoration project)
- Project or Method Location
- Comments
- Project or Method Status (i.e., ongoing, planned, or completed)
- Project or Method Identification Number
- Project or Method Contact Name
- Project or Method Contact Identification Number

The nonconsumptive projects and methods maps were gathered from CWCB Interviewed and Surveyed projects, CWCB Instream Flow projects, WSRA projects, Stewardship projects and CWCB's Watershed Protection, described in detail in Section 3. Also, each make include the statewide Focus Areas developed by the Basin Roundtables.

To view CWCB Interviewed/Surveyed Projects, CWCB Watershed projects and WSRA projects, use the identify tool to click on the appropriate colored circle along the stream segment, more detailed instructions to viewing specific attribute information is below. To view Focus Areas, Stewardship projects and Instream flow projects click on the indicated colored stream segment.

Due to the limited ability to view multiple layers at one location in a geospatial PDFs, CDM reccommends viewing one layer at a time to eliminate any confusion between multiple layers of information. Further instructions on how to turn on/off layers and view specific attributes in the Geospatial PDF are provided below.

Download Adobe Reader

Adobe Professional 9 and the newest version of Adobe Read allow users the ability to analyze or read all attribute properties in a GeoPDFs. Please use the link below to download the newest version of Adobe Reader and follow prompt for downloading.

http://get.adobe.com/reader/

Turning On and Off Layers

In reading a geospatial PDF, having the ability to turn on and off layers to issolate specific attributes to view can become helpful. CDM recommends viewing one layer at a time to obtain all the project information available.

After opening the GeoPDF in Adobe, on the left hand toolbar click on the Layer butten shown in Figure 1.

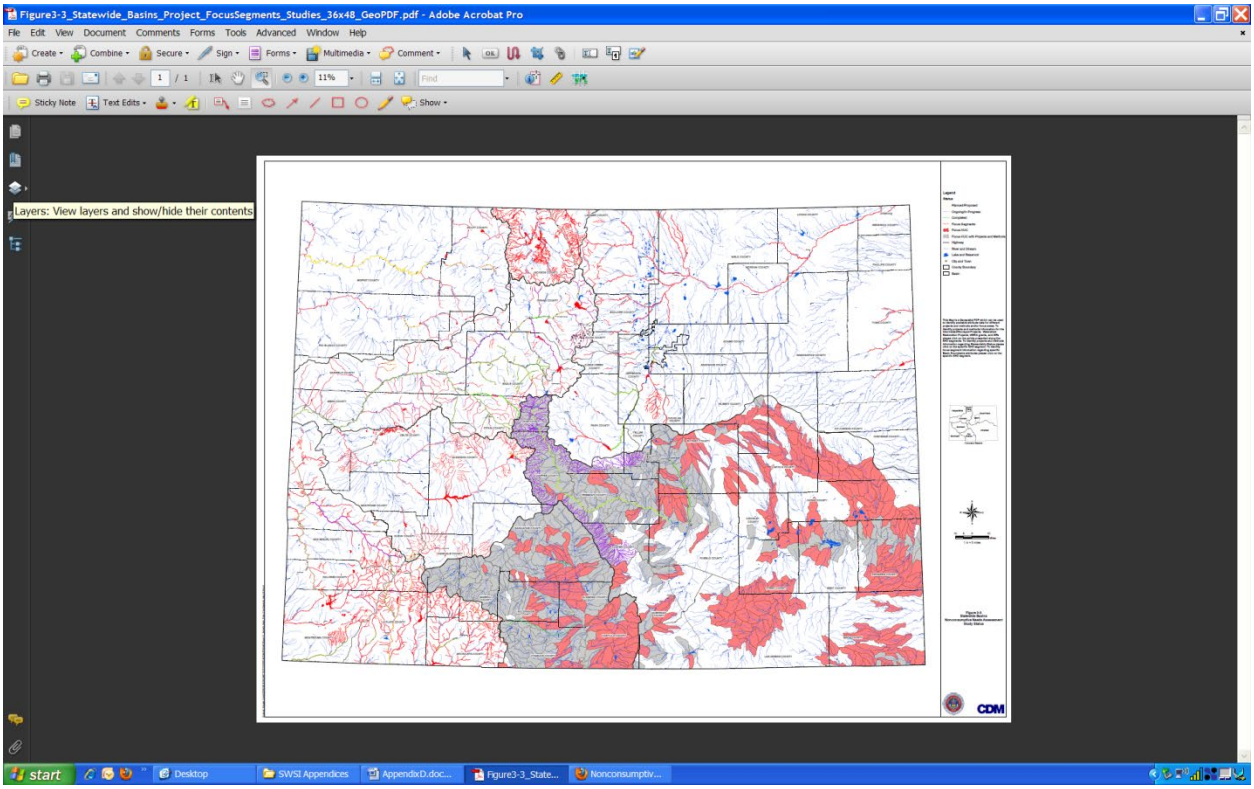

Figure 1. Open the Layers Window for Viewing.

Open the Colorado Folder shown in the layer window, which contains the multiple colorado basin inforomation, by clicking the plus box left of the Colorado folder, see Figure 2.

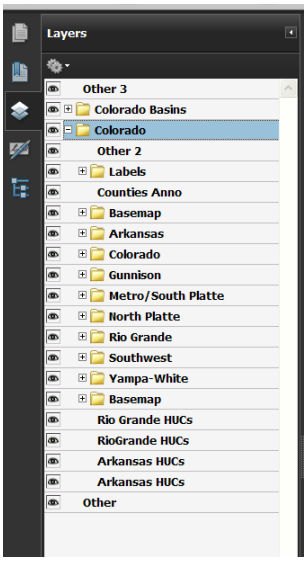

Figure 2. Opening the Basin Layer Information Within the Layers Window.

The attributes are seperated into specific Basins therefore if you would like to only view project information for only one basin you can turn off other basin information by clicking the eye on the lefft of the basin folders of those basins that you do ***NOT*** want to view. Clicking on the eye to the left of the folder allows the layer to be turned on or off within the geoPDF. In order to turn off specfic basin projects, open the basin folder (by clicking on the plus box next to the folder), then use the eye butten to turn on and off the different basin layers, see Figure 3.

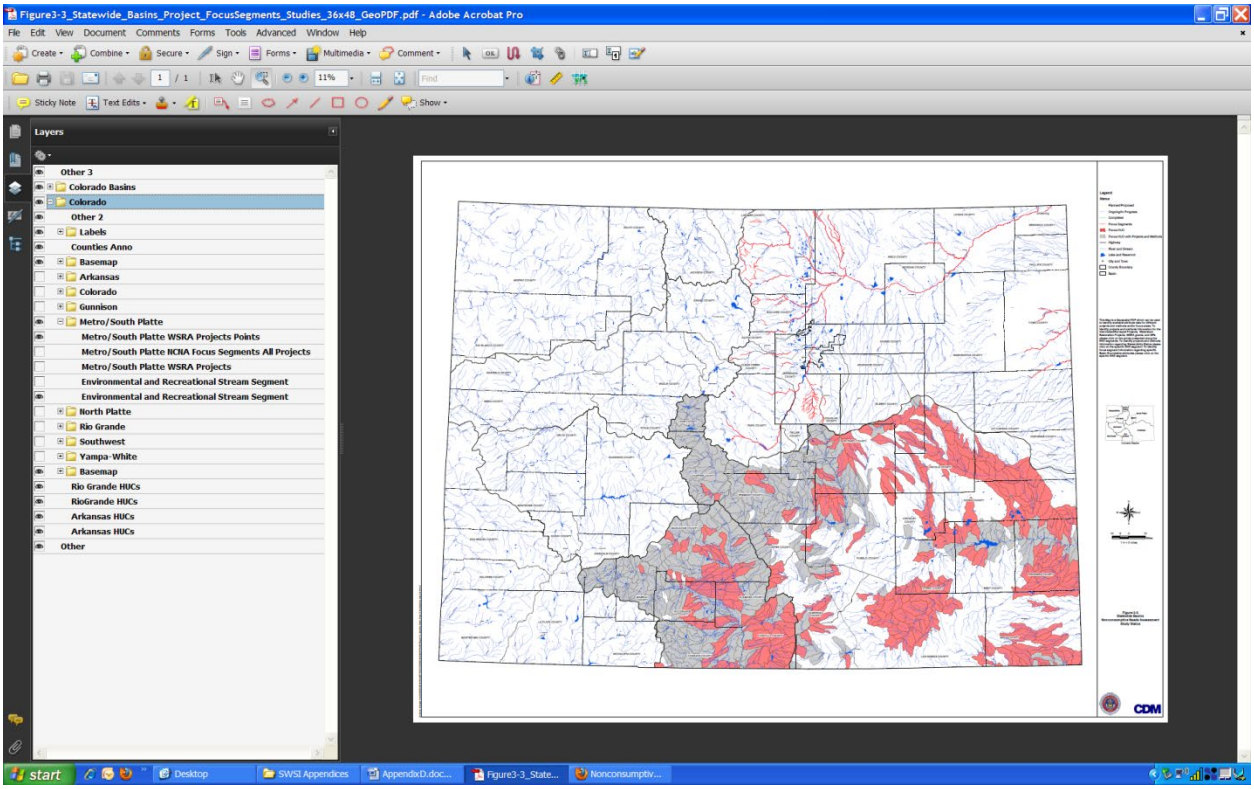

Figure 3. Turning On/Off Specific Basin Attribute Layers.

Viewing Attribute Information

To view/read attribute information for specific basin layers click on the Tools tab located in the upper left corner, see Figure 4, click on Tools – Customize toolbars.

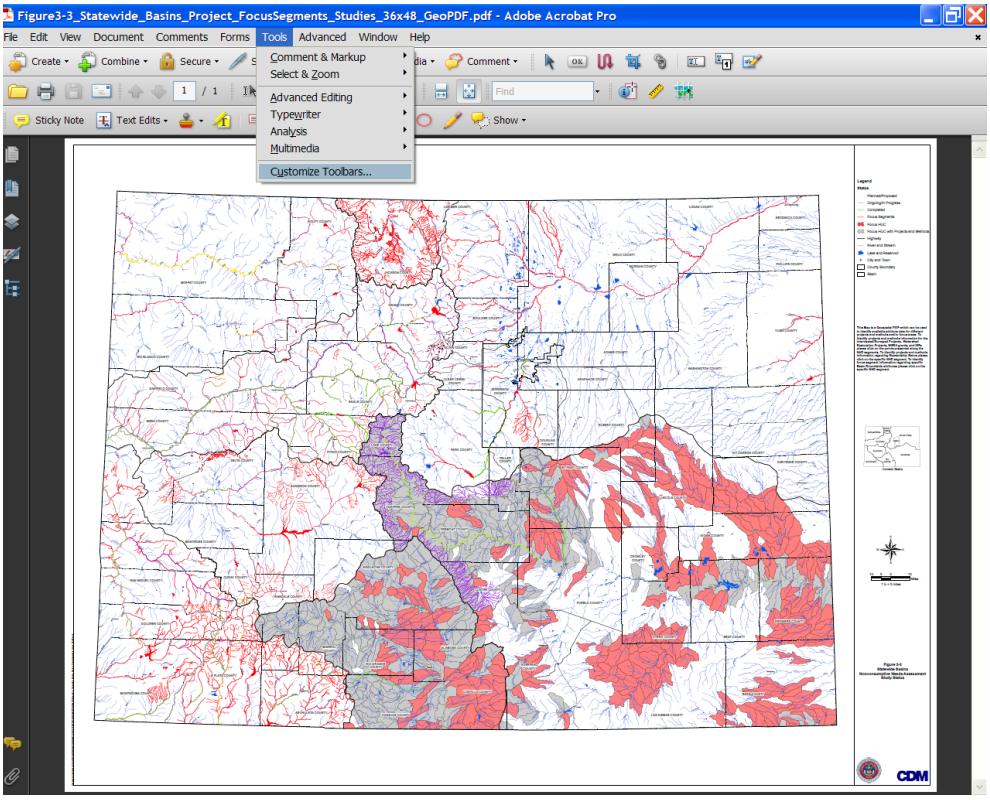

Figure 4. Adding the Analysis Toolbar Used to Read Attributes.

In the More Tools window, see Figure 5, click on the Analysis toolbar.

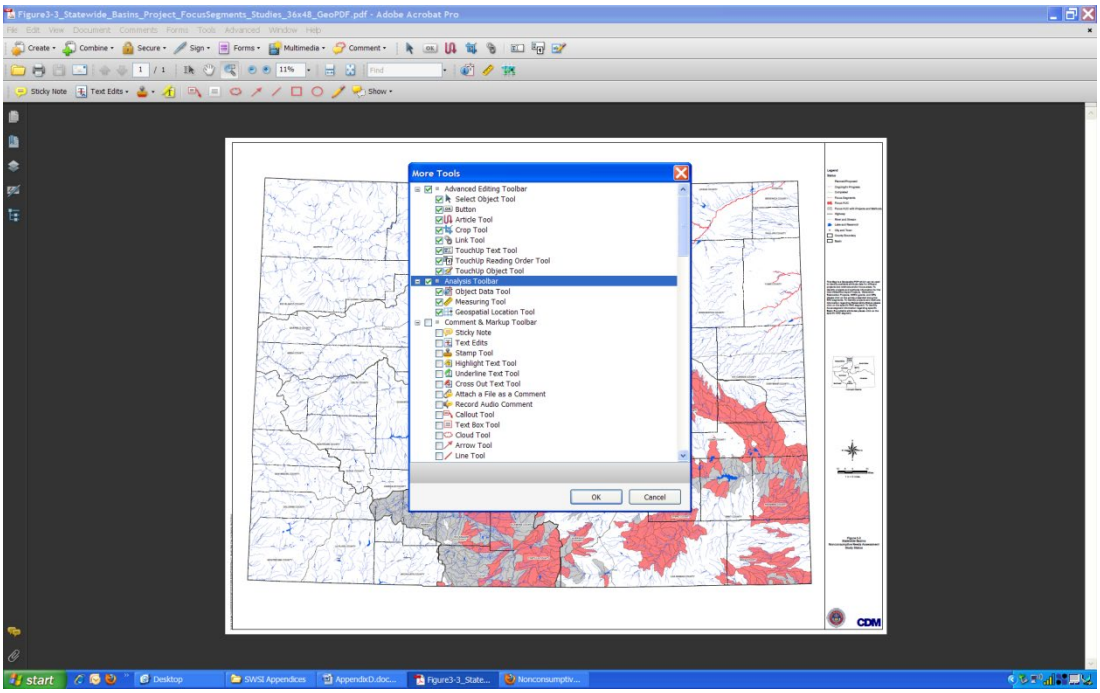

Figure 5. Opening the Analysis Toolbar Used to Identify Specific Attributes.

The analysis toolbar should pop up onto your screen and within the toolbar click on the Object Data tool button, see Figure 6.

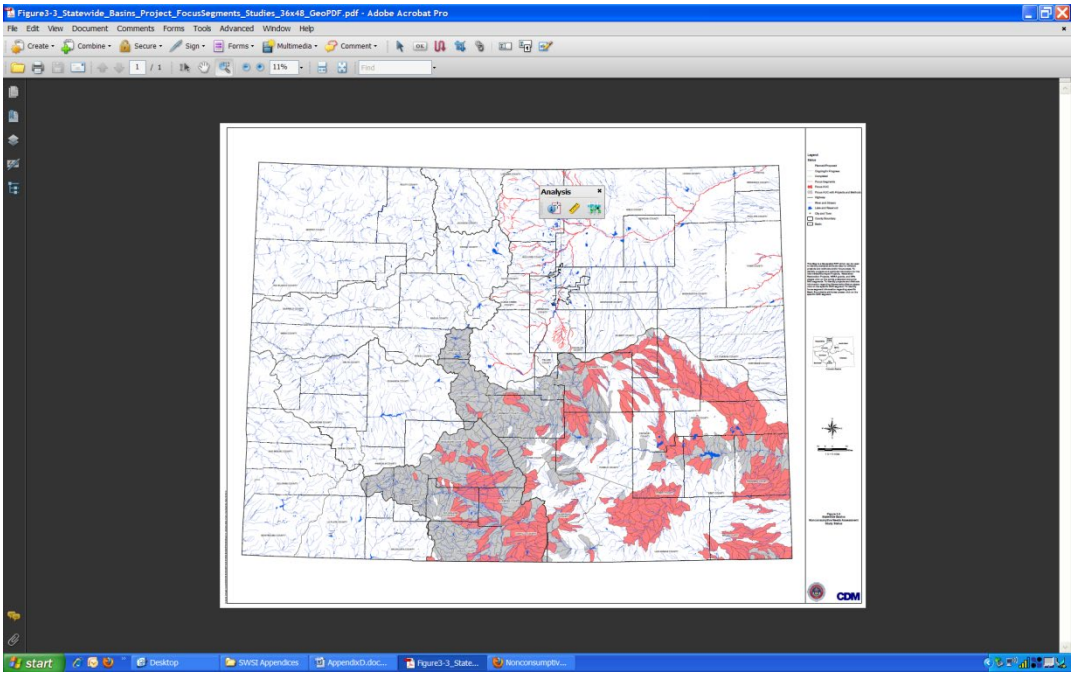

Figure 6. Located the Objective Tool Used to Identify Specific Attributes.

Click on one of the identified environmental and recreational stream segments or 12 digit HUCs, as an example. A Model Tree window should pop up on the left side of your screen and the selected text Layer should be bold, see Figure 7. If the screen does not automatically appear after clicking an environmental and recreational segment, click on View in the upper left corner and select Navigation Panels then Model Tree.

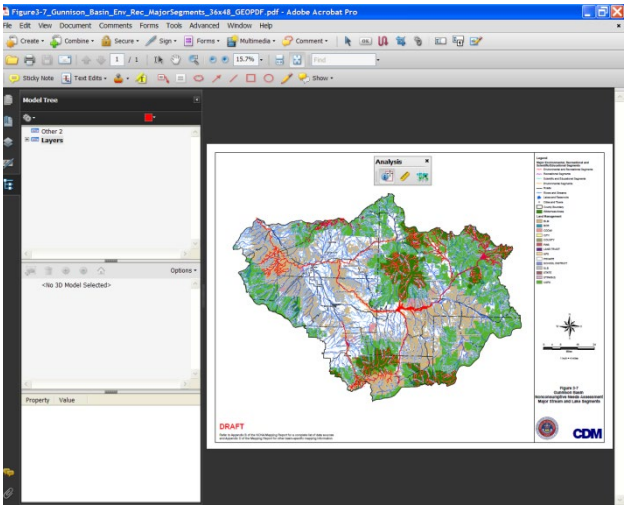

Figure 7. Viewing the Model Tree.

In order to see the specific attributes associated to that segment or HUC you must click on the segment two more times. After the first click you will see in the window on the left the segment data Layer turns Bold, see Figure 8.

**screen shoot of the Layer tab turn bold

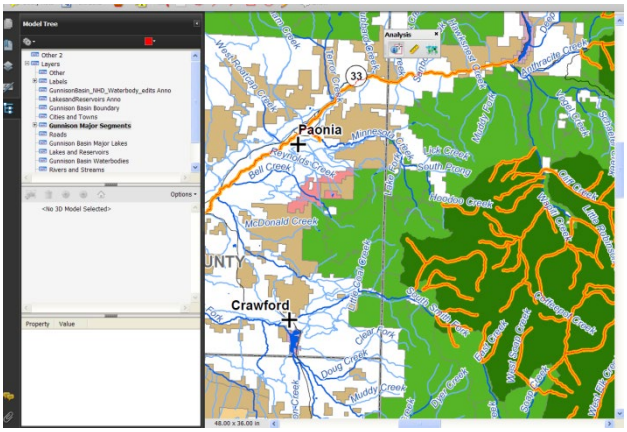

Figure 8. Figure Showing the Data Layer Turning Bold.

Finally, click one more time on the same segment and on the bottom of the left window you will see the specific attributes for that stream segment, see Figure 9. Please repeat the triple clicking process to see specific attributes for each segment that you want to identify. For better viewing the attribute information, you can inlarge the viewing window by double clicking in the middle of the window bar located in Figure 9 with the blue circle.

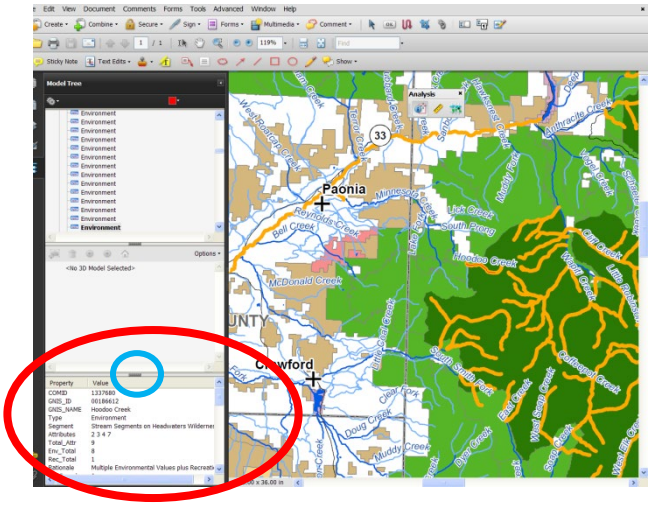

Figure 9. Viewing Specific Attribute Data.