

Tutorial

This tutorial is meant to be a general guide to functionality within the Arizona Environmental Review Tool - the intention is not to cover all functionality but expose the user to various tools for further exploration. Additional documentation can be found by navigating the Contents. Clicking a link will navigate you directly to the help topic, which provides detailed information on the use and functionality of the components of the application.

1. If you are new to the system, Create new account, otherwise, log in.
 - If you have forgotten your password, Request new password.
 - To update your account settings, including Password, edit My Account.
2. Click the **Map** menu to navigate to the map.
3. Familiarize yourself with the Map Navigation.
 - a. Use the Find address or place tool to find **Canyon del Muerto**.
 - b. Using the Zoom to Coordinates or Scale tool , zoom in to a **Scale** of **1:36,112**.
 - c. Add a Spatial Bookmark for **Canyon del Muerto**.
 - d. Zoom to the Default Extent of the map.
 - e. Perform a Feature Search using the *Resource*: **Milepost** to find *Road Name*: **U 191** with *Milepost Number*: **M448** and **Zoom** to it.
 - f. Add a Spatial Bookmark for **Milepost**.
 - g. Using the newly created Spatial Bookmark, zoom to **Canyon del Muerto**.
4. Alter the content of the map:
 - Switch Basemap to Imagery to see the great topography of the Canyon del Muerto area.
 - Work with the Layers to make them visible/invisible, view their symbology, alter the layer transparency,...
 - Use the Add Resource tool to add a map service to the map via URL: **http://-gis.landscape.org/arcgis/rest/services/LandScope/LS1_Protected_Areas/MapServer** and name it **Protected Lands**.
5. Identify the **Protected Lands** resource, added in Step 4, to determine **Owner** of the area surrounding the Canyon del Muerto.
6. Make a Map by adding **Points, Lines, Polygons** and/or **Text** to the map.
 - a. Add a Point by:
 - digitizing a point using the default Draw Shape tool .
 - entering Coordinates via the **Additional Mapping Options** tool .
 - b. Add a Polygon by:
 - digitizing a polygon using the default Draw Shape tool .
 - uploading a shape from a file (shapefile, KML, GML) using the Upload Shapes tool.
 - c. Add a Line by:
 - digitizing a line after selecting the **Use Freehand** option from Draw Settings .
 - d. Add Text to the map of various colors, sizes, and styles.
 - e. Edit Annotations to edit the **Line** to change the **Line Style, Line Color, and Line Thickness**.
7. Try out various Map Tools:
 - a. Make the **Tribal Lands** layer visible and Identify that surrounding the Canyon. What is it?
 - b. After Making a map by adding various annotations, Print the map.

8. Create Project to submit for environmental review. Consider doing so via one of the following multiple options:
 - Draw shape
 - Upload shape from a (zipped) shapefile
 - Additional Mapping Options, including:
 - Map Layers:
 - Selecting the **Milepost** marker identified by the Feature Search performed in Step 3
 - Selecting the *Resource*: **Protected Lands** (previously loaded in Step 4) and *Layer*: **44: Protected Areas Database** surrounding the Milepost marker.
 - Make a Map drawn in Step 6
 - Coordinates - **Latitude/Longitude (Decimal)** with Latitude (Northing) of **36.1686** and Longitude (Easting) of **-109.4896**
 - Drawing a point or line feature(s)
9. Edit Project:
 - j. Edit the project details.
 - k. Edit the spatial boundary of the project. Note that this enables the user to edit the project details as well.
10. Clear All Annotations from the map.
11. View Project for the project created to download and review the **Report File** and Boundary **Shapefile**, in the case where the *Review Status* reflects **Report Generated**.
11. Log out to close your session.

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