

State of Tennessee

How to access TNMap GIS

Services

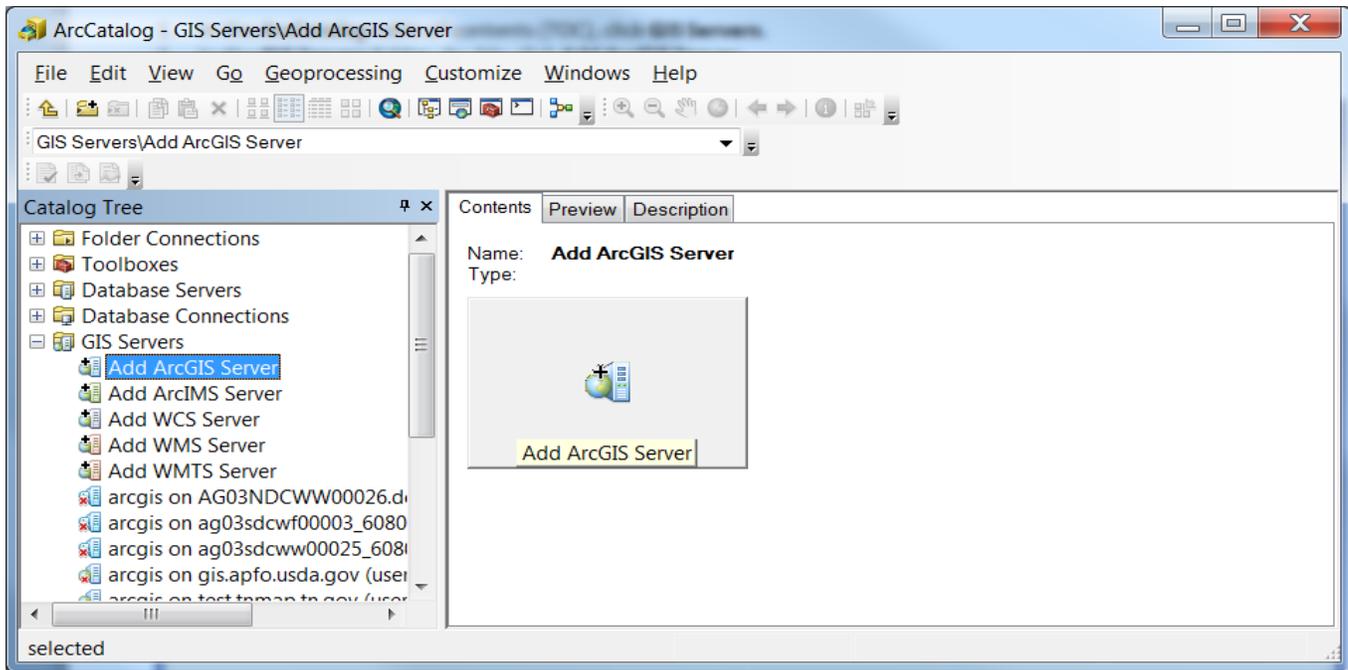
August, 2016

Provided by:
STS GIS Services

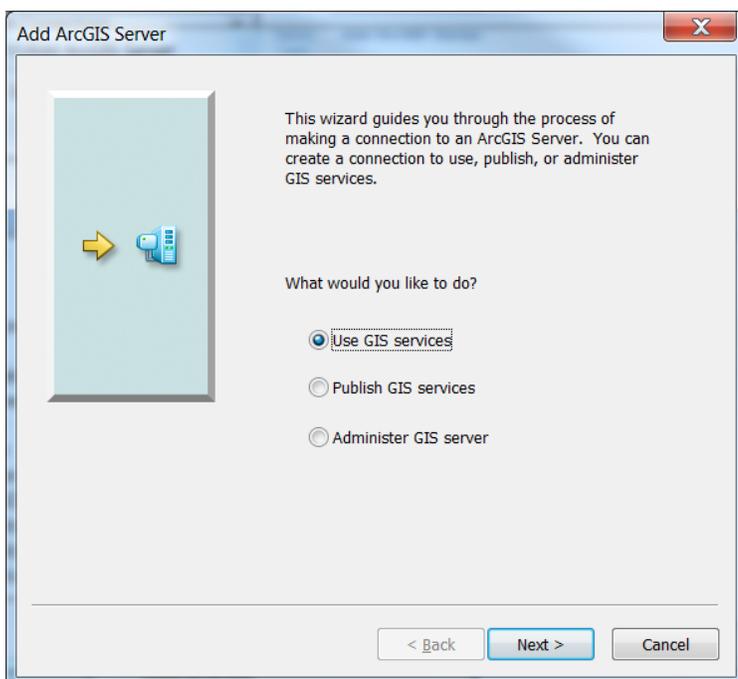
How to access TNMap Services via ArcCatalog

Accessing an ArcGIS Server

1. In the *ArcCatalog* table of contents (TOC), click **GIS Servers**.
2. In the *GIS Servers* folder, double-click **Add ArcGIS Server**.



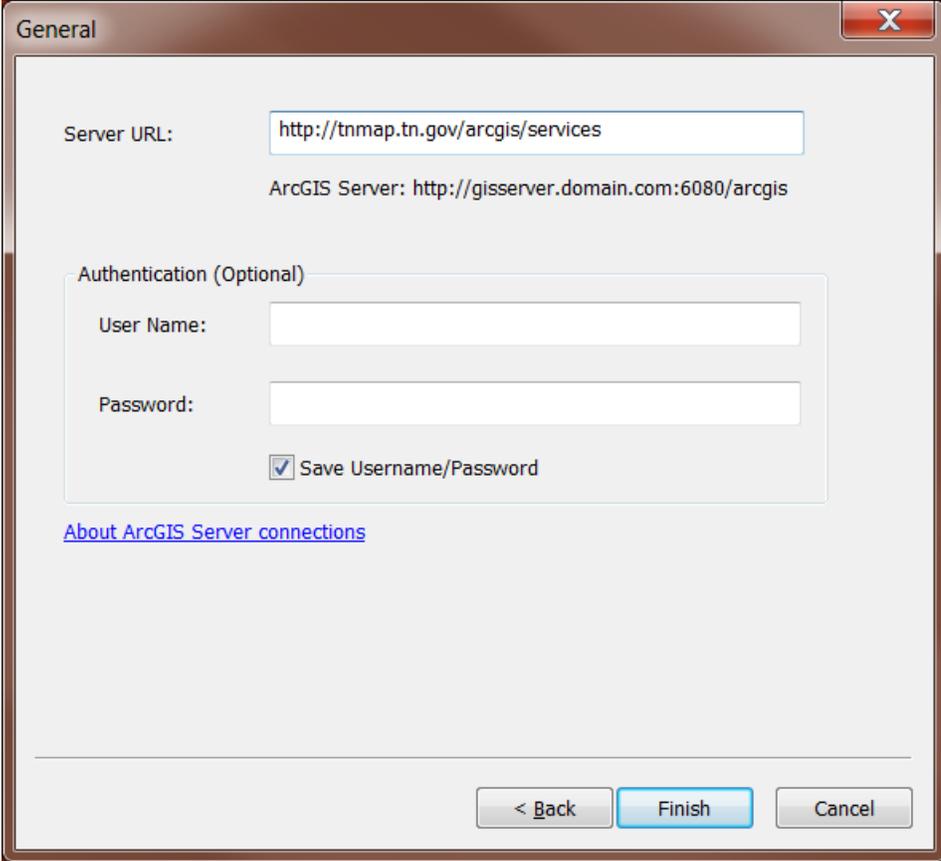
3. Choose **Use GIS Services** and click **Next** at the *Add ArcGIS Server* Menu.



4. In the **General** menu, select Internet and enter the following URL:

<http://tnmap.tn.gov/arcgis/services>

Click **Finish**.



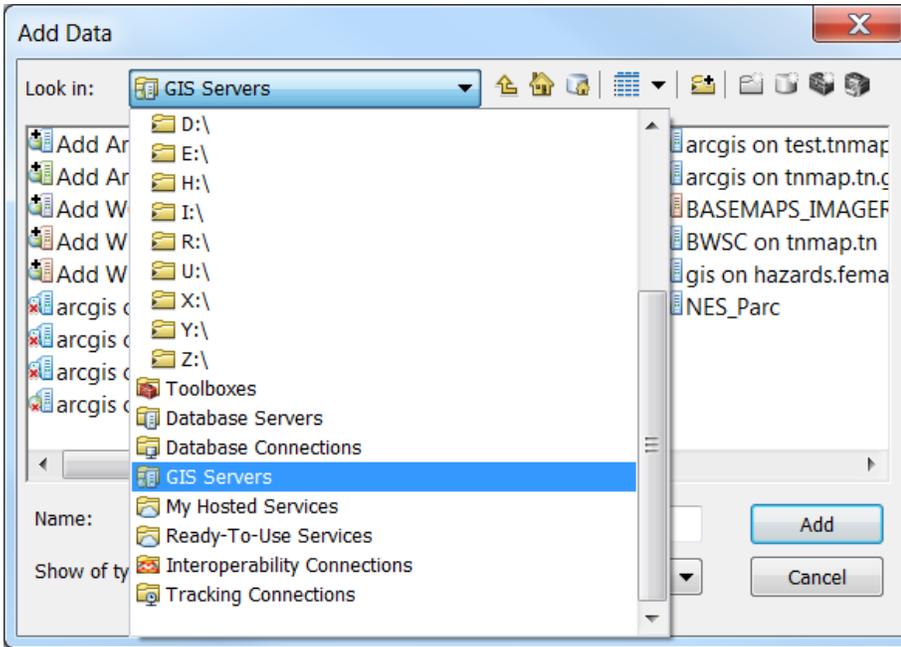
The image shows a screenshot of a software dialog box titled "General". The dialog box has a standard Windows-style title bar with a close button (X) in the top right corner. The main content area contains the following elements:

- A label "Server URL:" followed by a text input field containing the URL "http://tnmap.tn.gov/arcgis/services".
- Below the input field, the text "ArcGIS Server: http://gisserver.domain.com:6080/arcgis" is displayed.
- A section titled "Authentication (Optional)" which contains:
 - A "User Name:" label followed by a text input field.
 - A "Password:" label followed by a text input field.
 - A checked checkbox labeled "Save Username/Password".
- A blue hyperlink labeled "About ArcGIS Server connections" located below the authentication section.
- At the bottom of the dialog box, there are three buttons: "< Back", "Finish" (highlighted in blue), and "Cancel".

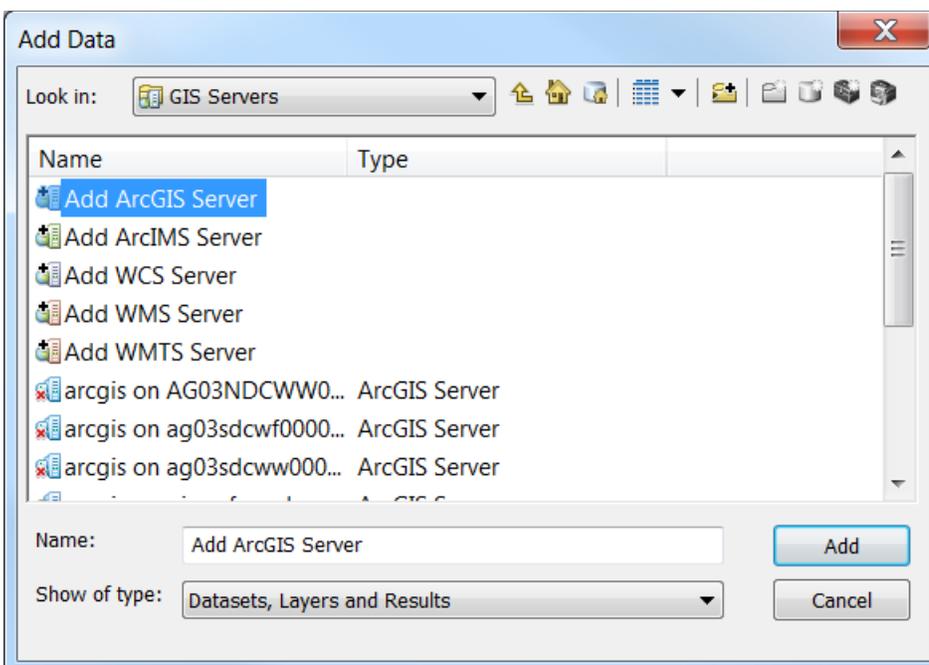
How to access TNMap Services via ArcMap

Accessing an ArcGIS Server

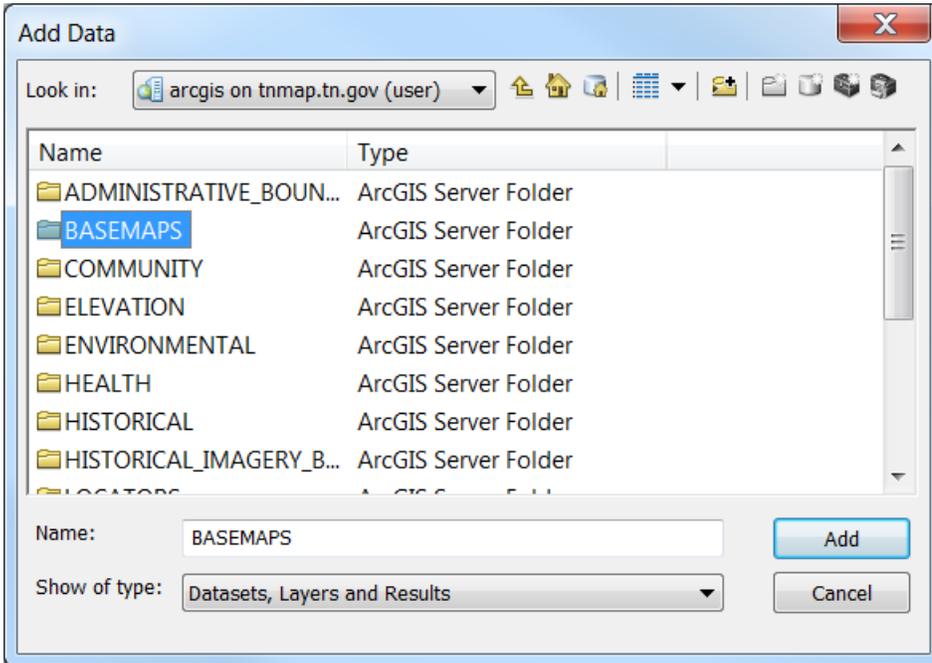
- Using the ArcMap **Add Data** button, navigate to the *Catalog* folder at the top of the folder tree. Double-click on the **GIS Servers** connection.



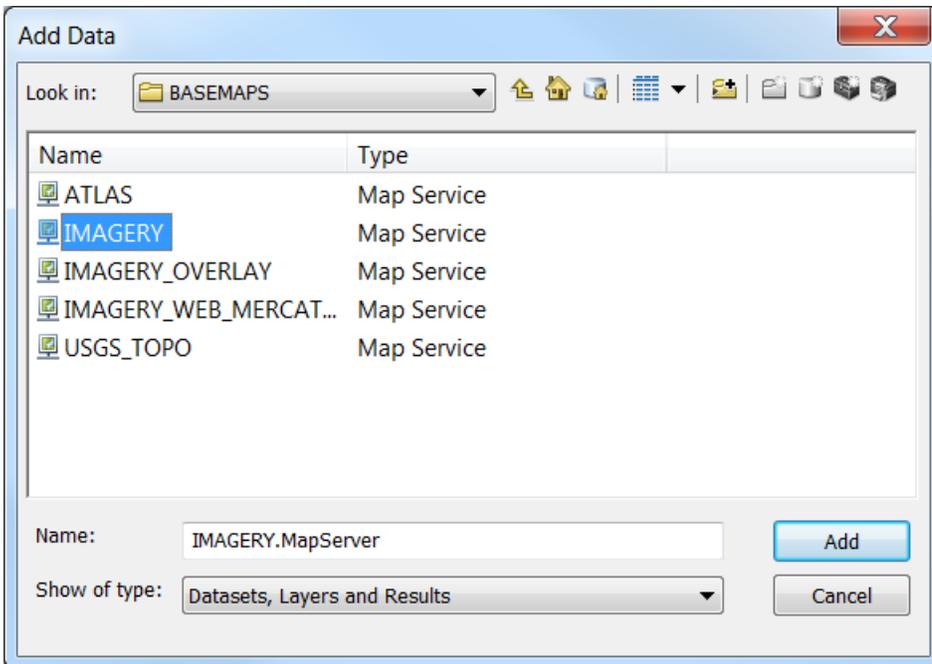
- In the **Add Data** menu, double-click **Add ArcGIS Server**. Refer to step 2 in [‘How to access TNMap Services via ArcCatalog - Accessing an ArcGIS Server’](#) to complete the connection



3. Navigate to the location containing the services in which you are interested.



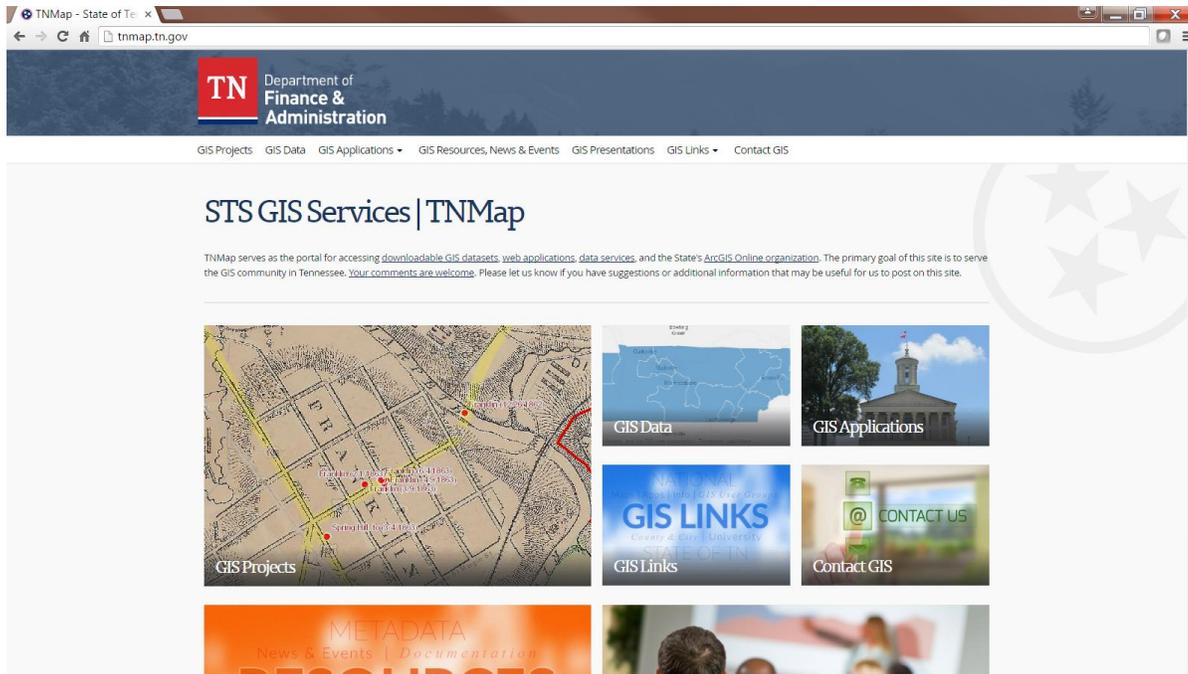
4. Next, select the service(s) that you would like to add to your local environment and click the **Add** button.



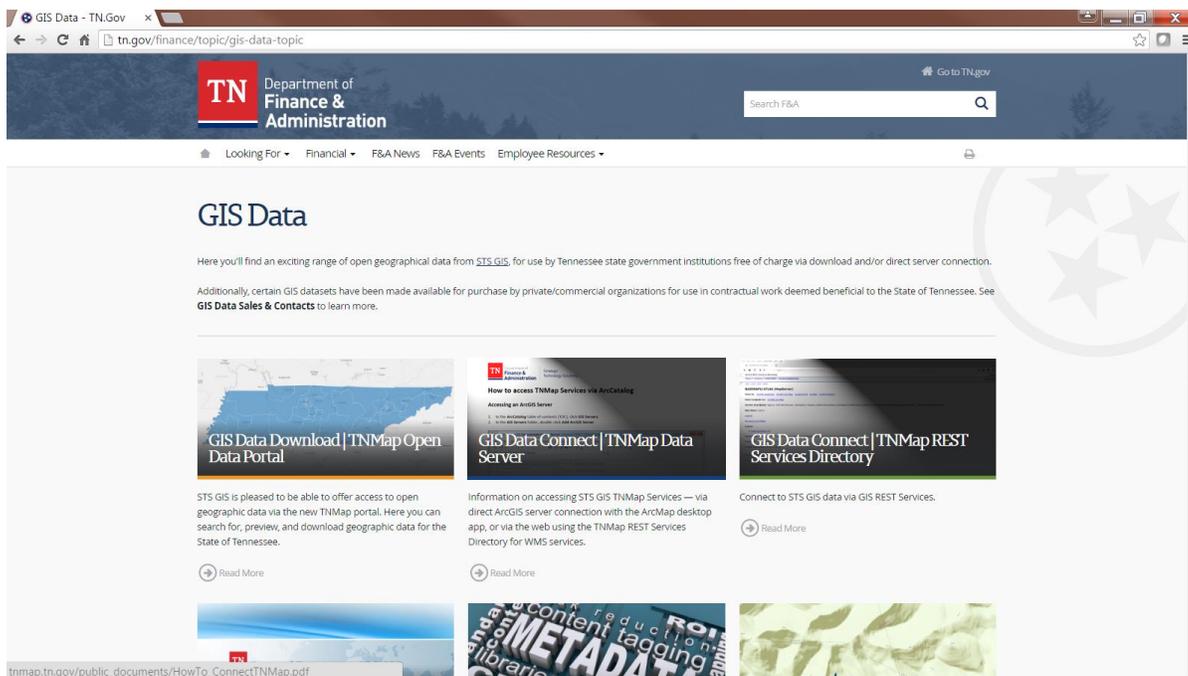
How to access TNMap WMS services via the web

(Useful in some non-ESRI GIS and CAD Software)

1. Using a web browser, navigate to the <http://tnmap.tn.gov> address.
2. Select **GIS Data** from the Center menu.



3. Select **GIS Data Connect | TNMap REST Services Directory** from the center menu.



4. On the REST Services page, select a folder link to the desired services.

ArcGIS REST Services Directory [Login](#) | [Get Token](#)
[Home](#) > [services](#) [Help](#) | [API Reference](#)
[JSON](#) | [SOAP](#)

Folder: /

Current Version: 10.11

View Footprints In: [ArcGIS.com Map](#)

Folders:

- [ADMINISTRATIVE_BOUNDARIES](#)
- [BASEMAPS](#)
- [COMMUNITY](#)
- [ENVIRONMENTAL](#)
- [HEALTH](#)
- [HISTORICAL](#)
- [HISTORICAL_IMAGERY_BASEMAPS](#)
- [LOCATORS](#)
- [PUBLIC_SAFETY](#)
- [TRANSPORTATION](#)
- [Utilities](#)
- [UTILITY_INFRASTRUCTURE](#)

Services:
None

ArcGIS REST Services Directory [Login](#) | [Get Token](#)
[Home](#) > [services](#) > [BASEMAPS](#) [Help](#) | [API Reference](#)
[JSON](#) | [SOAP](#)

Folder: BASEMAPS

Current Version: 10.11

View Footprints In: [ArcGIS.com Map](#)

Services:

- [BASEMAPS/ATLAS](#) (MapServer)
- [BASEMAPS/IMAGERY_OVERLAY](#) (MapServer)
- [BASEMAPS/IMAGERY_WEB_MERCATOR](#) (MapServer)
- [BASEMAPS/IMAGERY](#) (MapServer)
- [BASEMAPS/USGS_TOPO](#) (MapServer)

Supported Interfaces: [REST](#) [SOAP](#) [Sitemap](#) [Geo.Sitemap](#)

5. Right-Click the **WMS** link near the top of the page.

6. Select **Copy Link Address** and paste into target software.

ArcGIS REST Services Directory [Home](#) > [services](#) > [BASEMAPS](#) > [IMAGERY \(MapServer\)](#)
[JSON](#) | [SOAP](#) | [WMS](#) | [WMTS](#)

BASEMAPS/IMAGERY (MapServer)

View In: [ArcGIS JavaScript](#) [ArcGIS.com Map](#) [Google Earth](#) [ArcMap](#) [ArcGIS Explorer](#)

View Footprint In: [ArcGIS.com Map](#)

Service Description: Agency: TN Department of Transportation. Description: This map servi satellite imagery, imagery from the National Agriculture Imagery Program (NAIP), black and v (1997-2006), and color imagery from TDOT (2008-present). The color imagery is updated on available. Projection: TN State Plane NAD83 Feet.