

# NM Resource Geographic Information System Program – RGIS

## User Guide

Access RGIS in any Web browser at <http://rgis.unm.edu>.

The screenshot shows the RGIS New Mexico Resource Geographic Information System Program homepage. The header features a landscape image and the title 'RGIS New Mexico Resource Geographic Information System Program'. Below the header is a navigation bar with links: Home, About, FAQ, Feedback, User Guide, Glossary, Web Services, Order Help, Get Data, Log in, and Register. A 'Quick Search Bar' is located on the left side of the navigation bar. Below the navigation bar is a search section with a 'Quick search by title' and 'and by place' input fields, and buttons for 'Browse for Data' and 'Advanced Search'. The main content area is titled 'Welcome to the RGIS Clearinghouse' and contains a paragraph about the program. Below the paragraph are three icons: 'Search' (Browse for Data), 'Advanced Spatial Search', and 'Web Services'. A 'Twitter Box' is located on the right side of the main content area. The footer contains a globe icon, copyright information, and a link to the webmaster.



RGIS New Mexico Resource Geographic Information System Program

Home About FAQ Feedback User Guide Glossary Web Services Order Help Get Data Log in Register

Quick search by title  and by place  Browse for Data Advanced Search

**Welcome to the RGIS Clearinghouse**

The New Mexico Resource Geographic Information System (RGIS) is a cooperative program between the University of New Mexico (UNM) and the State of New Mexico Information Technology Commission (ITC). RGIS is dedicated to advancing applications of geographic information system technology within New Mexico's State agencies, local government and private industry.

 Browse for Data  Advanced Spatial Search  Web Services

Discover data by browsing through a hierarchical listing of data categories.

New Mexico RGIS  
**nrmrgis**

We are experiencing problems with the servers. We will be doing upgrades to fix these problems. File downloads to resume shortly.  
25 days ago • reply

We have fixed a bug in the WMS server. Mappable datasets should load in ArcGIS and any other WMS client correctly. Thanks for your feedback  
33 days ago • reply

The MRCOG 2004 MrSID download links have been corrected.  
35 days ago • reply

RGIS will be down intermittently during the annual system maintenance scheduled Dec 29th and 30th from 9am to 6pm.  
48 days ago • reply

The DOQQ 2005/2006 CIR, Reflight and Gap collections have been put back into the RGIS repository.  
53 days ago • reply

@SamatJain Yes, use the REST API. There is some info available here: <http://gstore.unm.edu>. Sample call: <http://bit.ly/hXeXtY>  
61 days ago • reply

Join the conversation

All content Copyright © 2004 - 2011 by the Earth Data Analysis Center  
Send all comments to [webmaster](#).

Figure 1: RGIS Home Page

## RGIS Home

The RGIS Home page contains the **Main Menu**; **Quick Search** bar; hyperlinks for **Browse for Data** and **Advanced Search**; icon links for **Browse for Data**, **Advanced Spatial Search**, and **Web Services**; and a **Twitter** box.

### Main Menu

The Main Menu is located just below the NM RGIS banner. This has eleven hyperlinks: Home, About, FAQ, Feedback, User Guide, Glossary, Web Services, Order Help, Get Data, Log in, and Register.



Figure 2: Main Menu

**Home** displays the Home page of the NM Resource Geographic Information System Program.

**About** displays information about the NM RGIS Program.

**FAQ** opens a page of Frequently Asked Questions related to accessing and using data from RGIS.




**Feedback** allows the user to send feedback, suggestions, or questions regarding the RGIS Program to the Webmaster. Fill in the text boxes: Subject (required), Message (required), Your email address, and the Captcha security words (required). For the Captcha box, enter the two words separated by a space in the Captcha textbox, which is shown below. If you are unable to read the displayed words, click on the refresh  icon for new words. If you have speakers or any audio device, you can listen to the displayed words by clicking on the audio  icon. The Help  icon provides more instructions on using Captcha.



Figure 3: Captcha Box

**User Guide** opens the NM RGIS Program User Guide.

**Glossary** opens a page with definitions for terms common in GIS documentation.

**Web Services** opens a page providing details about the Open Geospatial Consortium (OGC) service standards supported by RGIS. This page also gives information on using these services to directly access RGIS data and map products without having to download individual data files.

**Order Help** gives information on how to order data from the RGIS Clearinghouse.

**Get Data** displays a drop-down menu to locate and access NM GIS data. The options are **Browse Data** and **Advanced Spatial Search**. Or, follow the links for the **Browse for Data** and **Advanced Search** in the upper right corner of the RGIS home page, under the Main Menu. Also, follow the icon link for **Browse for Data** and **Advanced Spatial Search** on the RGIS home page under “Welcome to the RGIS Clearinghouse” heading.

**Log In** displays a dialog box that allows the user to log in to the RGIS Web site.

**Register** opens a page for creating a user account in RGIS.

## Quick Search Bar

This search bar allows users to perform a quick search on the data they are looking for, by title and by place.

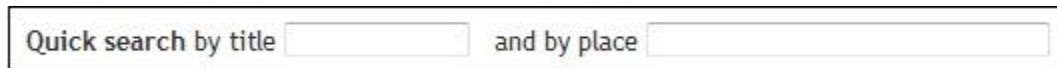


Figure 4: Quick Search Bar

- **By Title:** Start typing the name or title of the data you are looking for and hit enter. The search results will be displayed on the home page. Clear the title textbox by selecting the entered title and hitting backspace. This erases all the searched results and returns to the default home page.

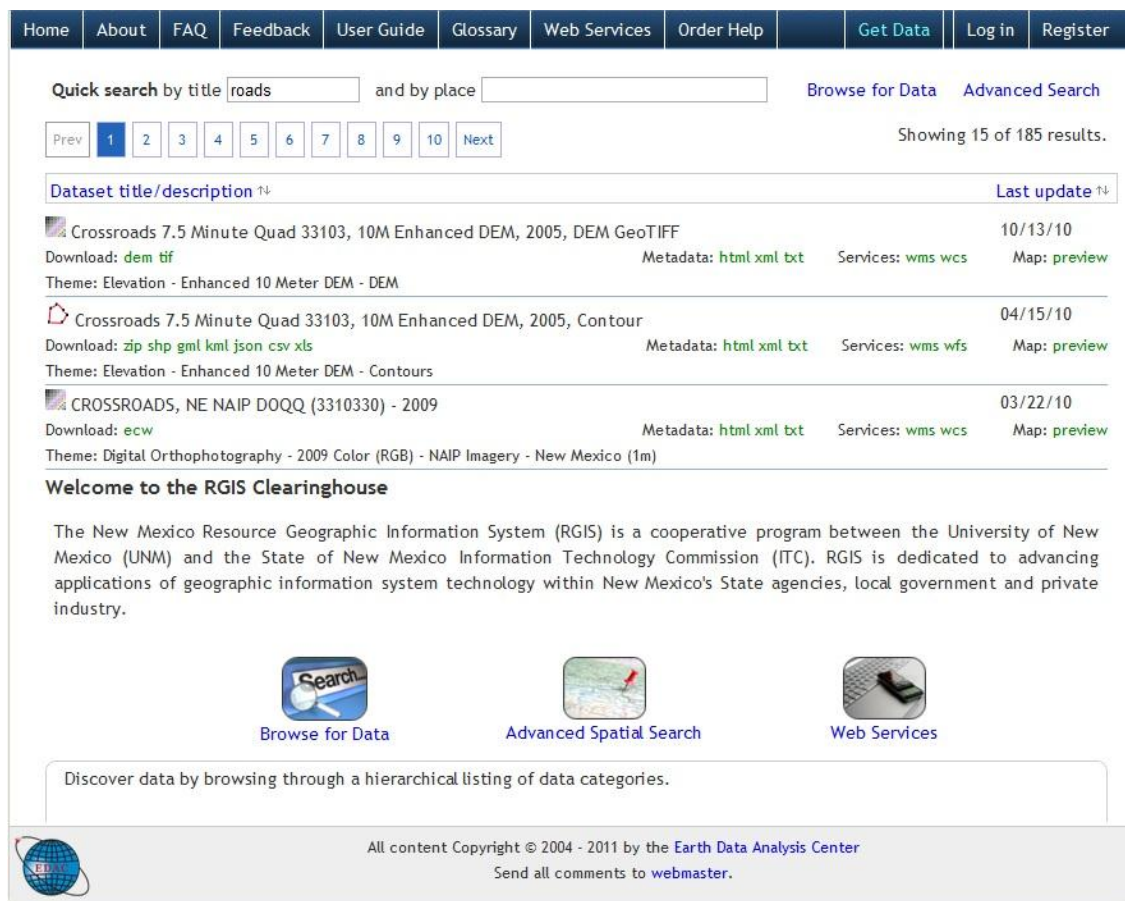


Figure 5: Quick Search 'by title'

The available options for downloadable file formats are displayed below each data set along with other options for viewing Metadata, Web Services, and the Map preview. Also the theme to which the dataset belongs is displayed below each result name and the date the file was updated. The download options are displayed below.



Figure 6: File downloadable options

- **By Place:** Start typing the place name in the textbox next to 'by place.' A drop-down menu of filtered options will appear. Select the place name and hit enter. The results obtained will be displayed on the home page.



Figure 7: Quick Search 'by place'

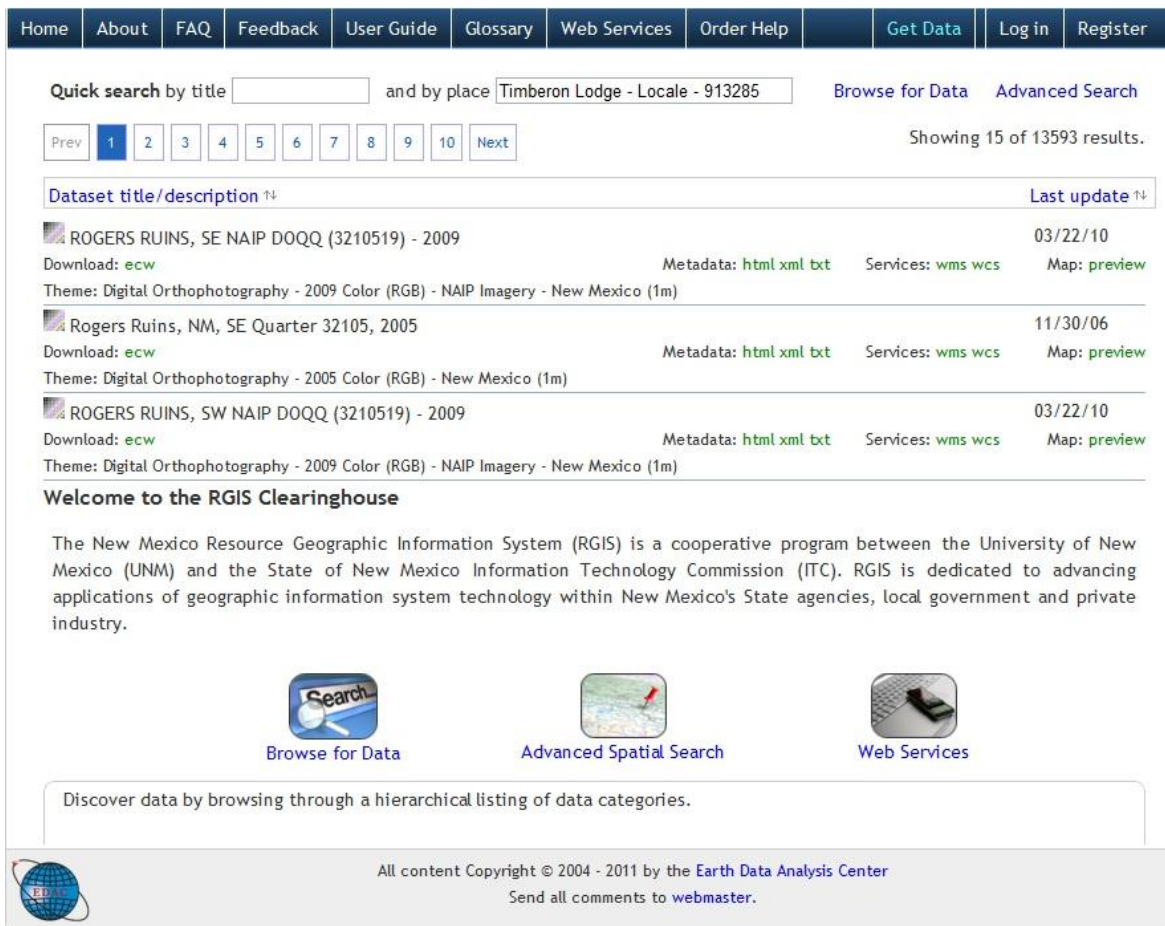


Figure 8: Example of Quick Search 'by place'

- **By Title and By Place:** Start typing the name or title in the 'by title' textbox and filter the results specific to a location by selecting a place name from the drop-down menu in the 'by place'



textbox. The drop-down menu appears when the user starts typing the place name in the 'by place' textbox.

## Browse Data and Advanced Spatial Search

Data can be located and accessed by clicking the hyperlinks **Browse for Data** and **Advanced Search** on the upper right-hand corner below the Main Menu. Alternatively, follow the icon links for the **Browse for Data** and **Advanced Spatial Search** on the RGIS home page under "Welcome to RGIS Clearinghouse" heading. The icon link will display a textbox with a description of the link on hover.



Figure 8: RGIS Menu

## Browse Data

The Browse Data page allows users to **Browse Data by Theme** through the catalog structure and also by filtering the displayed data sets by **Filter Search**. The Browse Data page initially displays the data sets for all the available themes.



Figure 9: Browse Data page

- To **Browse Data by Theme** from the available theme categories click on the 'plus' button shown in front of the folder. This expands the data set folder to show the subsets of data in each category. Click on the data set icon to view the datasets available in that particular subset. The available data sets of the current theme are displayed in the Results column on the right-hand side.



Figure 10: Browse Data Example

- **Filter Search** can be used to filter the displayed data sets by entering the title and/or place of interest in the respective text boxes next to 'by title' and 'by place.'

The icons displayed in front of each data set in the Results table tell about the type of file, whether it is a vector, raster image, vector or raster virtual mosaic, or static file dataset. The icon legend is shown below the browse data page under the data categories.

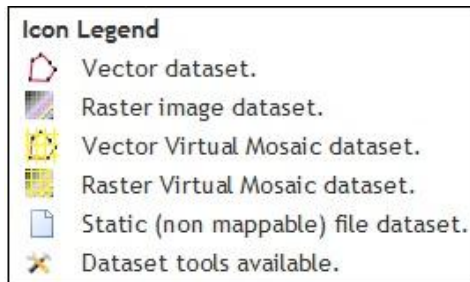


Figure 11: Data set icon Legend

## Advanced Spatial Search

Advanced spatial search is under development and will be available soon.

## Twitter Box

**Twitter box** displays the tweets about the New Mexico Resource Geographic Information System Program. Users can follow NM RGIS on Twitter **@nrmrgis**.