



# Windows Gadget for GeoData.Gov

## Introduction

The GOS (Geospatial One Stop) gadget is a custom built gadget designed for the Microsoft Windows Vista sidebar and Windows 7 gadgets. It retrieves GeoRSS data based on a user defined set of search parameters. The results are displayed 4 at a time in a list, above a reference map. The Microsoft Bing Map (Virtual Earth) displays the bounding boxes of the 4 current GeoRSS items. The resulting data can be further inspected in a flyout window and then subsequently with an online service, or a local GIS application, such as Gaia.

This product was developed under a The Federal Geographic Data Committee (FGDC) Cooperative Agreements Program (CAP) grant.

## Installation

This gadget was designed for Windows 7 and Vista. To install the GOS Gadget, all you need to do is double-click on the GOSGadget.gadget file, and the following security dialog will appear.



Just click on install, and the gadget will appear in your Vista sidebar.

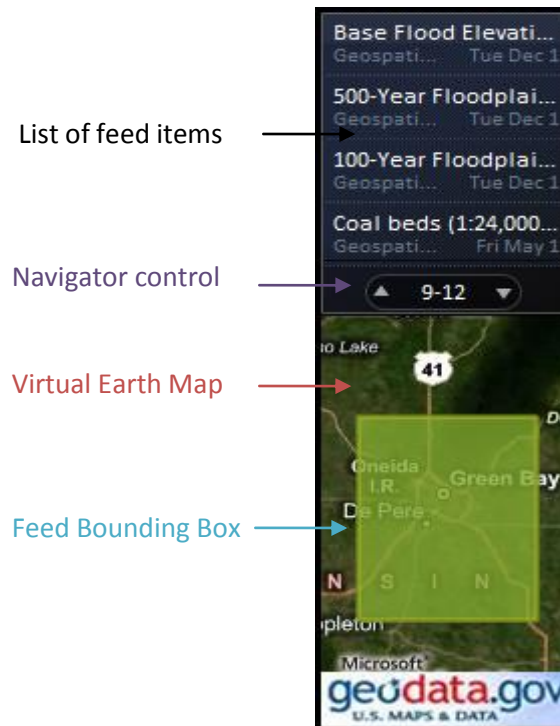


## Main Viewable Area

The main viewable area displays 4 GeoRSS feed items in a list. You can navigate the list by pressing the up and down arrows in the navigator. The results are limited to 20 by the server.

On the Virtual Earth map below, the bounding boxes of each feed item are displayed (each in a different color). When you select a feed item (by clicking on the title), the map will display only the current feed item bounding box.

Double-clicking the feed title will open up the metadata in a browser window.



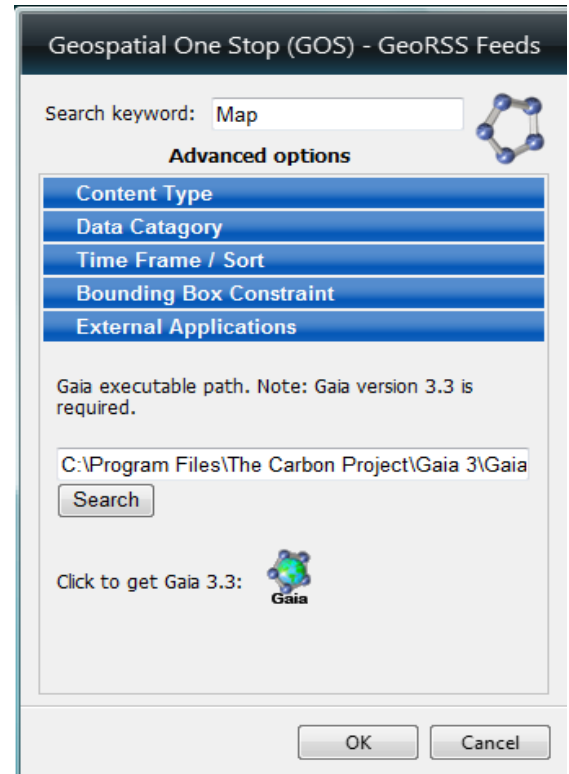


## Settings

The setting window is where you determine which feeds will get returned. The most important filtering option is the keyword. The keyword defaults to “map” and that will be used if the keyword textbox is left blank.

The other filtering options correspond very closely to those that appear on the geodata.gov website. To expand a filtering section, just click on the blue header bar.

The external applications section is unique to this gadget and allows feeds to be opened up with Gaia. If you don't have gaia installed, it gives you a link that you can follow to download the application. By default, it assumes the application was installed using the default install path. You can change this by selecting the search button.





## Flyout

The flyout window appears when you click on a feed link. The flyout window displays the feed description (as it's sent from the server.) The description usually contains a few links that you can follow for more information about the feed.

The 3 icons below allow for easy navigation to external services/applications that will display the feed data. Map shows the data on a Geodata.Gov online map. Globe shows the data on Google Earth. Gaia shows the capabilities of the service (if available), in the Gaia application.

When the icons are grayed out, they are not available for selection. To close the flyout, just click the same feed item again, or click anywhere in your desktop and it will close.

