



Environmental Dataset Gateway (EDG)

Connecting EPA's Environmental Resources

EDG Clip N Ship Frequently Asked Questions

What is the EDG Clip N Ship?

The EDG Clip N Ship is a public-facing web mapping application that allows users to view, select, clip, and download public EPA data. Using an area defined by the user, the Clip N Ship application clips layers, translates to a selected output format, and then creates a .zip file which the user may download.

Which datasets are available?

Datasets are contributed to Clip N Ship by EPA Regions, Program Offices, and Research Laboratories. Any EPA office may select public GIS datasets to make available in Clip N Ship. Sensitive datasets are not allowed to be contributed.

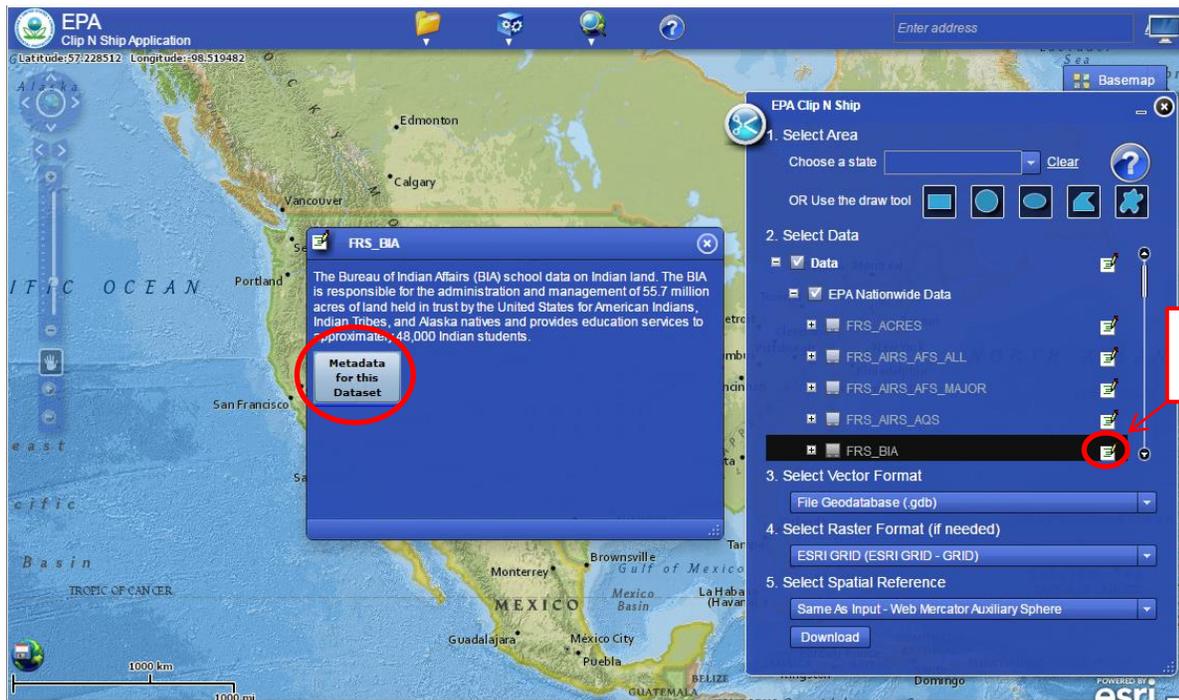
How does the the Clip N Ship work?

The EDG Clip N Ship is built on Esri Clip and Ship geoprocessing methodology and uses an enhanced version of the Esri Flex API.

- Public EPA datasets are added to the Clip N Ship geodatabase
- Datasets are deployed as map services
- Map services are rendered as layers in the Clip N Ship viewer
- Users select layers, an area of interest, a format of choice, and then download the data

How does the Clip N Ship relate to the EDG?

Each layer in the Clip N Ship is linked to a corresponding EDG metadata record. To view the metadata, click on the **Show EDG Metadata** icon next to the record's title. A pop-up displays with a description of the dataset and a button that opens the EDG metadata record.



How can I add my data to Clip N Ship?

Follow the procedures at https://edg.epa.gov/metadata/webhelp/en/gptlv10/inno/EDG_ClipAndShip_procedures.pdf.



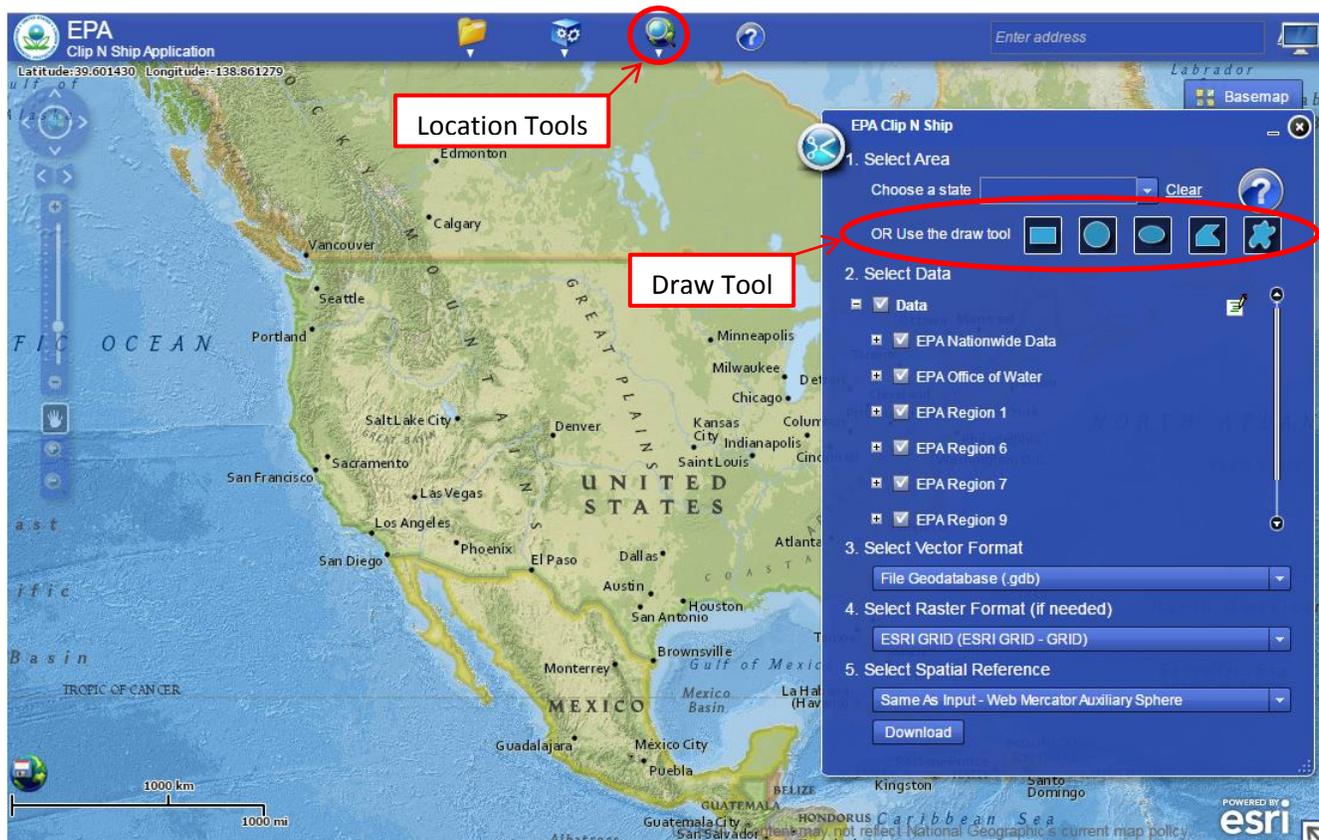
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How to Use the EDG Clip N Ship

1. **Select Area** of interest. There are a two ways to select an area:
 - a. Choose a state.
 - b. Use the **Draw Tool** to select an area on the map. Click and drag to select.

You may find it useful to zoom to an EPA Region first, then select an area of interest. To zoom to a Region click the **Location Tools** icon above the Clip N Ship map. Select **Bookmarks** from the drop-down menu, and click the EPA Region of your choice.



2. **Select Data** from the list by clicking the check box to the left of the dataset's title. You may select multiple datasets at once.
3. **Select Vector Format**. This step is only necessary if you are downloading vector data.
4. **Select Raster Format**. This step is only necessary if you are downloading raster data.
5. **Select Spatial Reference**. You can choose from Web Mercator Auxiliary Sphere, NAD27, or WGS84. You can reproject your data locally after downloading.
6. Click the **Download** button. When prompted to save, click "Yes." Your data will be saved to your local drive with the default name "extractedData.zip."



TIP: DO NOT ATTEMPT TO DOWNLOAD THE FULL DATASET FOR NATIONWIDE DATA. Attempting to do so will result in processing errors.



TIP: Some datasets are only visible and downloadable when zoomed in. If a dataset is not visible, incrementally zoom into your area of interest until the geographic symbols become visible, then the data will be downloadable.