

Default view:

This is what ESIPS's map of monitoring organizations looks like when you first open the web page



www.gulfofmaine.org/2/esip-monitoring-organizations-2/





Scroll down:

Use the scroll bar to reveal more of the map.







Switch map types:

Change map types by clicking the Map or Satellite buttons.







Switch map types:

Map mode

Satellite mode

relief

features seafloor















Navigate:

To move the map

- 1) Pan Right, Left, Up, or Down by clicking on the arrows or
- 2) click and hold on a point in the map, then drag the map in any direction







Navigate:

Zoom To can be used to navigate to predefined areas on the map







Navigate:

For example, Zoom To can be used to navigate directly to Passamaquoddy Bay.







Zoom In:

To change the map's scale, Zoom In by

- Clicking the Plus sign --- Dragging
- up the sliding scale
- 3) Turning the scroll wheel on your mouse, or
- 4) Double-clicking on a spot







Zoom Out:

Zoom out by

- 1) Dragging down the sliding scale
- 2) Clicking the Minus button or
- 3) Reversing the scroll wheel on your mouse.







Monitoring sites:

Colored markers indicate monitoring sites, or clusters of sites.

Each color represents one of ESIP's six Indicator Groups







Monitoring sites:

Each Indicator Group can be turned On or Off independently via Check Boxes







Monitoring sites:

The numbers within each marker indicate the number of sites clustered in an area, at that map scale.







Monitoring sites:

As you Zoom In, more clusters of sites appear, and the number of sites within each cluster decreases.







Monitoring sites:

Zooming in further eventually isolates individual sites







Monitoring sites:

Clicking on sites shows information including Monitoring Organization, Program, and Location.







Monitoring sites:





Organizations _ are abbreviated in the site detail



Examples:

Task 1 Find climate change sites near a particular location

Task 2 Find sites monitored by a specific program **Task 3** Filter sites by an organization with multiple programs





Example Task 1:

Find climate change sites near the Isles of Shoals, off Portsmouth, New Hampshire

First, click Reset to get back to the Default View







Example Task 1:

Find climate change sites near the Isles of Shoals

Second, in Indicator Groups click <u>off</u> Aquatic Habitats and click <u>on</u> Climate Change







Example Task 1:

Find climate change sites near the Isles of Shoals.

Using any combination of the methods described earlier, Navigate to the Isles of Shoals, and Zoom in







Example Task 1:

Find climate change sites near the Isles of Shoals.

Zoom in further until individual sites are showing







Example Task 1:

Find climate change sites near the Isles of Shoals.

Click on sites to see details.







Example Task 2

Find sites monitored by Eastern Charlotte Waterways

First, click Reset to get back to the Default View







Example Task 2

Find sites monitored by Eastern Charlotte Waterways

Select

"ECW- Eastern Charlotte Waterways" from the Organization list





Example Task 2 Find sites monitored by Eastern Charlotte Waterways

EcoSystem Indicator Partnership Information on change in the Gulf of Maine

Click Filter

Note that no sites show at this point







Example Task 2

EcoSystem Indicator Partnership Information on change in the Gulf of Maine

Find sites monitored by Eastern Charlotte Waterways

Check the Box of each Indicator Group with black text, in this case Eutrophication

Now green clusters of sites appear, all of which are monitored by Eastern Charlotte Waterways







Example Task 2

Find sites monitored by Eastern Charlotte Waterways

Zoom In and Click for site details







Example Task 3

Find sites monitored by Maine Environmental Research Institute's "Beach Bacteria Monitoring" program

Some organizations, such as MERI, have more than one program.







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Saint Georges

Quebec

Thetford

Example Task 3

Find sites monitored by Maine Environmental Research Institute's "Beach Bacteria Monitoring" program

To plot sites from only one of an organization's programs, Filter first on Organization.

Then Select one Program, e.g., "Beach Bacteria Monitoring" Zoom To:

awinigan

Trois-Rivières

+ Drummondvilles

Sore

Select ...



Caribou .



Seal as Sentinels

New

Brunswick

Satellite

Map



Example Task 3

Find sites monitored by Maine Environmental Research Institute's "Beach Bacteria Monitoring" program

Once the Program is selected, Filter again







Example Task 3

Find sites monitored by Maine Environmental Research Institute's "Beach Bacteria Monitoring" program

Check the boxes of any Indicator Groups that are readable, in this case Eutrophication, Climate Change, and Contaminants







Example Task 3

Find sites monitored by Maine Environmental Research Institute's "Beach Bacteria Monitoring" program

Once Indicator Group boxes are checked, sites for this program will appear.







Example Task 3

Find sites monitored by Maine Environmental Research Institute's "Beach Bacteria Monitoring" program

Zoom In and Click for site details







For more information on Indicators:

Scroll to the bottom of the page for links to additional information and data provided by ESIP.



Overview

- Eutrophication Fact Sheet
- Aquatic Habitats Fact Sheet
- Climate Change Fact Sheet
- Aquaculture Fact Sheet
- All Available Fact Sheets
- Indicator Reporting Tool
- Monitoring Map

Monthly ESIP Journal & Archives

- ESIP Steering Committee
- ESIP Subcommittee Membership Lists
- ESIP Program Manager

Vision Statement & Core Principles

- What are indicators?
- Fundamental approach
- Vision statement
- Core principles

Data

- · Download database files
- Web Mapping Services (WMS)

Events & Documents

- Fact sheets
- Documents
- Events

Highlights

- Why are ecosystem indicators important?
- Fact sheets
- Journals
- Data and tools

Tell us what you think

• What can ESIP do better?

www.gulfofmaine.org/2/esip-monitoring-organizations-2/

