

Gulf of Mexico Alliance (GOMA) Catalog of Monitoring Programs*



* in development, beta release anticipated summer 2012

User Types:

1. Central administration user (CAU)

Responsible for creating and maintaining DPA accounts, and maintaining / approving all the information contained in the system.

*The CAU will be a dedicated GOMA staff member and will require a password protected account to access the data management system.

2. Data provider administration user (DPA)

Responsible for upload and maintenance of their local metadata.

*DPAs will require a password protected account to access the data management system. Accounts will be approved by the CAU, and can be requested by providing the user's first name, last name, organization, title, email, and phone.

3. Anonymous user

Anyone from the public who wishes to access the Catalog of Monitoring Programs website. These users don't require a login or approval to access information, and cannot add or edit information.

CAU - Create New Organization

User admin

New User

Update User

Data admin

Organization

Program

Project

Station

Sensor

GZ

Approvals (4)

Vocabularies

* Organization Name:

* Organization Type:

 ▼

Website:

Description:

Attribute

Domain

Organization Type

federal / state / county / city / academic / non-profit / private corporation / other

DPA - Create New Program

Data admin

Program
Project
Station
Sensor
GZ
Approvals (3)

▪ Program Name:

▪ Status: ▼

▪ Organization: ▼

▪ Program Manager Name:

▪ Program Manager Email:

Program Manager Phone:

Fax:

Address:

Website:

▪ Description:

Authorized Administrators

Name	Title	email
Jame Smith	Data Admin	j.smith@noaa.gov
John Doe	Director	j.doe@noaa.gov

Attribute	Domain
Organization Name	*primary key* (links program to existing organization)
Status	Active / Inactive

DPA - Create New Project

Data admin

Program
Project
Station
Sensor
GZ
Dictionaries
Requests (4)

* Project Name:
 * Status:
 * Program Name:
 * Project Manager Name:
 * Project Manager Email:
 Project Manager Phone:
 Fax:
 Address:
 Website:
 * Start Date:
 * ☐ End Date
☒ ongoing
 Description:

* Data Distributor Name:
 * Data Distributor Email:
 Data Distributor Phone:
 Data Distributor Address:
 * Limitations to usage:
 * Availability:
 * Purpose category:
 Purpose text:

* Data quality objective:
 * Proprietary Restrictions:
 * Type of Restrictions:
 Link to data:

Project Boundary
 Coords:

[define/view](#)


Project Stations



search

☐	Station ID	Organization
☐	Station 1	NOAA
☐	Station 2	NOAA
☐	Station 3	EPA

Stations can be linked to projects here or in the Add/Update station page

Save

Attribute	Domain
Program Name	*primary key* (links project to existing program)
Status	active / inactive
Availability	data available / data conditionally available / data not available
Purpose category	regulatory / event specific / experimental / seasonal monitoring / baseline / trend monitoring / benchmark
Proprietary restrictions	yes / no

Data admin

DPA - Define/Update Station

[Save](#) [Cancel](#)

Program
Project
Station
Sensor
GZ
Dictionaries
Requests (4)

[Clone Station](#)[Bulk Create](#)

*Name
*ID
*Status
*Principle Project

Description

Keywords Start Date ☐ End Date ☒ ongoingSource Link

Observed parameters



☐	Medium	Category	Type	Method	Frequency	Start	End	Depth
☐	Water	Nutrient	Nitrogen	EPA 123	at least weekly	1/1/1999	12/31/2008	Surface

Location

☐ Point ☐ Line/Trace
☐ Polygon ☐ Vector?

Coords

[define/view](#)

bulk copy will open file select dialog

[Save](#) [Cancel](#)

Attribute	Domain
Project Name	*primary key* (links station to existing project)
Status	active / inactive

All users can search for stations by combining any of the methods / filters below.

Free Text search

Geographic Zone search options (pick one):

- 1. Predefined (by DPAs)
- 2. Draw on map
- 3. Enter coordinates
- 4. Upload shapefile

Organization search options (use any combination):

- 1. Organization / Program / Project / Station Name
- 2. Organization Type
- 3. Organization / Program / Project / Station Status
- 4. Availability
- 5. Purpose Category

Observation search options (use any combination):

- 1. Observation Medium (e.g. water)
- 2. Observation Category (e.g. Nutrients)
- 3. Observation Type (e.g. Nitrate)
- 4. Method (e.g. EPA 353.4)
- 5. Sampling Frequency
- 6. Start / End date
- 7. Depth

SEARCH OPTIONS

temperature

Filter By:

Geographic Zones

Search within a geographical zone:

Select Predefined

Draw Polygon on Map

Click the polygon button below to start drawing. The polygon joins automatically. Click the delete button to reset.

Enter Polygon in WKT Format

Upload Shape File

Organization Options

Observation Parameters



Name	Organization	Program
Terrebonne Bay	Louisiana Universities Marine Consortium	Interjurisdictional FAM
Pontchartrain	Louisiana Universities Marine Consortium	Interjurisdictional FAM
Bayou Gauche, LA	NOAA National Ocean Service	Interjurisdictional FAM
USM 3m01	University of Southern Mississippi/Central Gulf Ocean Observing System	Interjurisdictional FAM
Bay Waveland Yacht Club	NOAA National Ocean Service	Interjurisdictional FAM
Shell Beach	NOAA National Ocean Service	Interjurisdictional FAM
CSI 05	Louisiana State Universities/Wave Current Surge Information System	Interjurisdictional FAM
CSI 09	Louisiana State Universities/Wave Current Surge Information System	Interjurisdictional FAM

* Search results can be viewed online using mapping application, or in tabular or text format.
* Results can also be downloaded in KML, CSV, or shapefile format.