

# Gulf of Mexico Research Initiative (GBMF) ([gulfresearchinitiative.org](http://gulfresearchinitiative.org)): Gulf of Mexico Research Initiative (GoMRI) 2018

## Research Consortium Information

### Project Title

Please provide the title of project.

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### Lead Principal Investigator and Contact Information

Please provide the first name, last name, email address, institutional address, and phone number of the Lead Principal Investigator.

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### Data Manager and Contact Information

Please provide the first name, last name, email address, institutional address, and phone number of the Data Manager.

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### Data Manager Roles and Responsibilities

Include a brief description of the expected roles and responsibilities of the RC data manager. Please provide the percent effort that the data manager will devote to RC data management responsibilities. Outline any specialized skills or training the data manager will require to complete their duties.

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### Data Submission to GRIIDC

Please describe your process for submitting Dataset Information Forms (DIFs) and Datasets to GRIIDC, including the role of the data manager in preparing, reviewing, submitting, and responding to requests for revisions to DIFs and datasets.

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### Data Management Training

Please describe any plans for providing data management training to members of your research consortium.

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### Communicating Data Submission Requirements

Please describe how you will disseminate GRIIDC dataset submission guidance for genetics, model, CTD, video, images, and other data types, to members of your research consortium.

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### Data Storage and Backup

Please describe the research consortium requirements for the backup and storing of data by project participants before submission to GRIIDC.

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#### Ethics and Compliance Information – Data Involving Human Research Subjects

Do any components of the research project require Institutional Review Board approval? Are there any Institutional Review Board (IRB) or HIPPA (Health Insurance Portability and Accountability Act) issues that might preclude sharing data?

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### Methods Information: Research Cruises

#### Organization and Participation in Cruises

Please indicate if your research consortium will be organizing or participating in research cruises.

- Yes
- No

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#### Number of Cruises

If you will be participating or organizing in research cruises, how many will be you participating in or organizing?

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#### Detailed Cruise Information

If known, please list cruise name, estimated dates of research cruise(s), and types of data collected on each cruise (e.g. CTD, ADCP, Plankton tows, etc.).

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### Methods Information: Non-cruise Field Work

#### Non-cruise Field Work

If your research consortium is not participating in research cruises, will any field work be performed?

- Yes
- No

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#### Environmental Data

If your research consortium is performing field work, will you be collecting environmental data while in the field (e.g. salinity, air temperature, water temperature etc.)

- Yes
- No

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#### Types of Environmental Data

If your Research Consortium is collecting environmental data, please list what types of environmental data will be collected.

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#### Platform Information

If you will be collecting environmental data, will you use moored buoys, drifters, or other oceanographic platforms to collect any of the data?

- Yes
- No

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#### Platform Description

If your research consortium will be collecting environmental data using moored buoys, drifters, or other oceanographic platforms, please describe the platforms that will be used.

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### **Methods Information: Environmental Sample Lab Analysis**

#### Lab Analysis of Samples

Will your research consortium be collecting any samples in the field that will then be analyzed in the lab?

- Yes
- No

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#### Types of Samples and Analysis

If your research consortium will be collecting samples in the field that will then be analyzed in the lab please list what types of samples will be collected and what types of analysis will be performed on each sample type. (e.g. fish muscle tissue analyzed for mercury, fish otoliths for age, fish fin clips for next generation DNA sequencing, water for dissolved inorganic carbon, sediment grain size from cores, etc.)

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### **Methods Information: Microcosms/Mesocosms**

Will your research consortium be performing any microcosm or mesocosm experiments?

- Yes
- No

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#### Detailed Microcosm/Mesocosm Information

If your research consortium will be performing microcosms or mesocosm experiments, please list what microcosm or mesocosm experiments that will be performed.

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### **Methods Information: Pure Lab-Based Studies**

#### Pure Lab-Based Studies

Will your research consortium be performing any purely lab-based worked (e.g. measuring properties of

chemicals, developing new dispersants, measuring flow rates of jets)?

- Yes
- No

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Detailed Lab-Based Study Information

If your research consortium is performing pure lab-based studies, what purely lab-based experiments will be performed?

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## Methods Information: Modeling

Numerical and Computational Modeling

Will your research consortium be conducting any numerical or computational modeling?

- Yes
- No

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Detailed Modeling Information

If your research consortium will be conducting numerical or computational modeling, what modeling activities will be performed?

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Code Availability

If your research consortium will be conducting any numerical or computation modeling, do any of the models use non-publicly available code?

- Yes
- No

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Non-Public Code Information

Please list any code that will be used for models that is not publicly available.

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## Methods Information: Mapping

Mapping

Will your research consortium be conducting any mapping activities?

- Yes
- No

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Detailed Mapping Information

If your research consortium will be conducting mapping activities, what mapping activities will be performed?

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## **Methods Information: Remote Sensing and Aerial Imagery**

Remote Sensing and Aerial Imagery

Will your research consortium be using or acquiring any remotely sensed or other aerial imagery data?

- Yes
- No

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Types of Remote Sensing and Aerial Imagery data

If your research consortium is using or acquiring remotely sensed or other aerial imagery data, what types of remote sensing or aerial imagery data will be used or acquired?

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Proprietary Remote Sensing or Aerial Imagery Data

If your research consortium is using or acquiring remotely sensed or other aerial imagery data, are any of these data proprietary (i.e. cannot be freely distributed)?

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## **Methods Information: Images**

Images

Will any of your research consortium activities produce images as data? (NOTE: This does not include images taken through education or outreach activities or photos of research work that are taken for use in presentations, etc)

- Yes
- No

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Detailed Image Information

If your research consortium activities will produce images as data, what activities will produce images as data (e.g. light microscopy)?

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## **Methods Information: Video**

Video

Will any of your research consortium activities produce videos as data? (NOTE: This does not include videos taken through education or outreach activities or videos of research work that are taken for use in presentations, etc.)

- Yes
- No

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Detailed Video Information

If your research consortium will produce videos as data, what activities will produce this video (e.g. video of bubble rising in lab experiment)?

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## **Methods Information: Social Surveys and Interviews**

Surveys and In-person Interviews

Will your research consortium be performing any surveys of people or in-person interviews?

- Yes
- No

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Detailed Survey and Interview Information

If your research consortium is performing any surveys of people or in-person interviews, what survey activities will be performed?

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## **Methods Information: Economics**

Economics

Will your research consortium acquire or use any economic data?

- Yes
- No

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Detailed Economic Data Information

If your research consortium is acquiring or using economic data, what economic data will be acquired or used (e.g. household income, fish landings, fish production, oil production, etc)?

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Economic Data Sources

If your research consortium is acquiring or using economic data, what are the planned data sources for each data type?

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## **Methods Information: Other Methods**

Describe Other Methods

Please describe any research methods that will be employed by members of your research consortium that are not reflected in the answers to the previous questions and what types of data will be generated using each method.

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### **Dataset Information Forms**

List Dataset Information Forms

Please list the dataset title and GRIIDC Unique Dataset Identifier (UDI) for approved Dataset Information Forms (DIF).

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