Grant Number:
NSF OCE 1760006

Project Title:
RAPID: Capturing the Signature of Hurricane Harvey on Texas Coastal Lagoons

PD/PI Name:

- **Paul Montagna, Principal Investigator**
- **Xinping Hu, Co-Principal Investigator**
- **Michael Wetz, Co-Principal Investigator**

Data Management Plan. This project will compile and process new and existing biophysical and ecological data describing the environmental characteristics of estuaries and storm effects along the Texas coast. Using these data, the project will produce geospatial datasets to test proposed hypotheses and produce scholarly publications in peer-reviewed journals. All data and data products will be compiled, coordinated, and documented by the respective PIs, and any potential data quality issues will be resolved through direct communications with the appropriate personnel prior to analysis and providing open access. Project Director, P. Montagna, will be responsible for coordinating data set creation, quality control, and archival.

We will follow the metadata/data reporting requirements set by the National Centers for Environmental Information (NCEI). Data that we will report include all measured and calculated water sample parameters with data quality flags. The data file will be saved as a comma delimited (CSV) format. Within one year of the completion of the project or upon publishing the data in peer-reviewed journal(s), whichever comes earlier, we will upload the metadata and data files that include the CO_2 system parameters to NCEI for permanent preservation. The Harte Research Institute also runs The Gulf of Mexico Research Initiative Information and Data Cooperative (GRIIDC), which is a research database focusing on the data and information needs of the GoM. Our data will be publicly accessible after being released to NCEI and GRIIDC databases.