



## **REQUEST FOR PROPOSALS (Contract-2 RFP-3)**

**for**

**FY25 Funding Cycle Projects**

**Contract #582-21-10566**

**Issue date: February 21, 2025**

**Full proposals must be received before: April 30, 2025, 5:00 P.M. CDT**

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## I. Introduction and Background

Texas OneGulf Center of Excellence is a consortium of nine research member institutions funded, in part, with federal funding from the Department of the Treasury through the State of Texas via a contract with the Texas Commission on Environmental Quality under the RESTORE Act. The mission is to improve understanding of the Gulf of Mexico (Gulf of America) large marine ecosystem and its effects on human health and well-being to support a healthy environment and communities in Texas, the Gulf, and beyond. The vision of Texas OneGulf is to become a trusted source of scientific information about the Gulf, especially to Texas decision-makers. Texas OneGulf has established the Texas OneGulf Network of Experts (TONE), which consists of more than 160 scientists, policy experts and researchers from the nine-research member consortium, to provide a trusted resource for information and science-driven solutions relevant to Gulf issues affecting Texas and the region.

In 2025, a revised Strategic Research Plan was announced with a focus on research that supports two areas: 1) Research that generates long-term understanding of coastal ecosystem structure and function especially as it is influenced by environmental flows. 2) Research that integrates environmental and human health and well-being in coastal areas. This is the third request for proposals (RFP) under the second TCEQ contract (#582-21-10566), thus identified as Contract-2 RFP-3.

## II. Opportunity Overview

**Approximate Available Funding:** \$2,500,000

**Anticipated number of awards:** 5-7

**Project Length:** 12 - 20 months

**Eligibility:** Only TONE members from Texas OneGulf institutions may apply

Texas OneGulf reserves the right to modify these expectations as appropriate. The anticipated start date is July 1, 2025. Projects end date must be up to February 28, 2027. The start dates will be confirmed upon project selection. All work must be completed during this 20-month period. To be eligible, the project lead must be a member of TONE; however, collaboration outside of TONE is acceptable. An individual may serve as project lead on only one proposal; and an individual may participate in one other additional proposal as key personnel.

## III. Funding Priorities

Grant recipients under *The Centers of Excellence Research Grants Program*, administered by the Department of the Treasury, must comply with the RESTORE Act, Treasury's RESTORE Act final rule, 31 C.F.R. Part 34, the requirements of 2 C.F.R. [Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards](#), the requirements included in the grant agreement documents, such as, the RESTORE Act Financial Assistance Standard Terms and Conditions and Program-Specific Terms and Conditions and as applicable, special award conditions, and all other relevant program requirements, applicable executive orders, federal statutes, and regulations.

Eligible Disciplines Under the Centers of Excellence Research Grants Program:

Funds may be used by Centers of Excellence for science, technology, and monitoring in one or more of the following disciplines:

<b>Eligible Disciplines Under the Centers of Excellence Research Grants Program:<sup>1</sup></b>
1) Coastal and deltaic sustainability, restoration, and protection, including solutions and technology that allow citizens to live in a safe and sustainable manner in a coastal delta in the Gulf Coast Region
2) Coastal fisheries and wildlife ecosystem research and monitoring in the Gulf Coast Region
3) Offshore energy development, including research and technology to improve the sustainable and safe development of energy resources in the Gulf
4) Sustainable and resilient growth, economic and commercial development in the Gulf Coast Region; and
5) Comprehensive observation, monitoring, and mapping of the Gulf

In support of the Texas OneGulf strategic plan, and mission vision, this Request for Proposals (RFP) will support projects that advance actionable science related to one or more of the below Texas OneGulf Strategic Goals. Actionable science is here defined as research produced with an end-user that meets the needs of decision-makers by understanding and considering those needs – spatial, temporal, political, otherwise – throughout scientific processes. Ideally, there will be co-production, which means the end-user is involved with the planning and execution of the project.

Texas OneGulf has two strategic goals:

***Strategic Goal 1: Improve understanding of the Gulf of Mexico (Gulf of America) as a large marine ecosystem.*** Texas OneGulf will focus on habitats, living marine resources, environmental flows, estuarine and coastal systems, offshore and deep Gulf systems, socio-ecological connections, and the pressures and stressors that affect the current and future health of the Gulf large marine ecosystem. Improved understanding in each of these areas is required to better understand the Gulf as a holistic, connected system. The focus in each of these research areas is to create research that is actionable and relevant to the improved understanding, management, and restoration of the Gulf.

***Strategic Goal 2: Improve understanding of the connections between the environment and human health and well-being to benefit each.*** Texas OneGulf recognizes that humans and the environment are intrinsically linked and that the health of the Gulf and the health of people around it is dependent upon one another. The focus is on making explicit connections between environmental health and human health and well-being. This includes the impacts that environmental quality has on human health and well-being. Each of these connections affects

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<sup>1</sup> <https://home.treasury.gov/policy-issues/financial-markets-financial-institutions-and-fiscal-service/restore-act/centers-of-excellence-research-grants-program>

community resilience and the overall ability of the Gulf coast to thrive well into the future. Better understanding of these connections will support a more holistic view of the Gulf and its importance to Gulf communities.

Proposals must address one of the above Texas OneGulf Strategic Goals in their response. This RFP aims to fill data gaps and information needs of Texas resource agencies and Stakeholder groups. Many documents exist that detail current research needs (see [X. Appendix](#) or use any of your choice). Proposers must identify specific research needs or data gaps that will be investigated, which plan or need the proposed research supports, and how information will be transferred to the decision-making parties or stakeholders. Monitoring and long-term data collection is encouraged, especially if it complements existing or new state-wide networks. Mention of similar data collection in other parts of the state is encouraged.

#### **IV. Key Dates and Submission Process**

**Letters of Intent:** Letters of Intent are due to [texasonegulf@tamucc.edu](mailto:texasonegulf@tamucc.edu) by **March 28, 2025**.

**Full Proposals:** Full proposals are due by **5 pm CDT on April 30, 2025**. Proposals must be submitted electronically via the *InfoReady* platform.

LOIs invited for a full proposal will receive further communications with instructions for submission. Applicants will be sent confirmation that full proposals have been received.

If confirmation has not been received via email by **Friday, May 2, 2025**, please email [julie.parishcantwell@tamucc.edu](mailto:julie.parishcantwell@tamucc.edu)

#### **V. Proposal Preparation Instructions**

##### Letter of Intent Outline and Required Sections:

1. Project title
2. Project personnel
3. Project key words
4. Project summary:
  - 4.1. Discipline(s) under the CoE Research Grants Program addressed
  - 4.2. Texas OneGulf strategic goal(s) addressed
  - 4.3. Decision-making context/specific issue being addressed
  - 4.4. Goals and objectives
  - 4.5. Project partners, including intended end-users
  - 4.6. Project plan
  - 4.7. Expected outputs and outcomes

##### Full Proposal Outline and Required Sections:

1. Cover Page
2. Summary
3. Project Narrative

- 3.1. Research need
- 3.2. Background
- 3.3. Goals and objectives
- 3.4. Research plan
- 3.5. Project Management Plan
- 3.6. Permits
4. Expected outputs and outcomes
5. Engagement/Outreach plan
6. Data management plan
7. Deliverables
8. References
9. Budget
10. CV
11. Letters of support (optional)

The body of the full proposal **must not exceed eight pages** (using 12-point font, single-space, and 1-inch margins) exclusive of cover page, summary, bibliography, budget pages, curricula vitae (CV), and supporting materials. Requirements for each specific section is detailed below.

1. Cover Page (limit 1 page)
  - **Title:** The full title of the proposal
  - **Principal Investigator (P.I.) information:** Please list only one (corresponding) principal investigator, affiliation, address, phone, website, and e-mail
  - **Team information:** Names and institutions of other team members
  - **Financial & Administrative Point of Contact (POC):** An individual within the institution responsible for contractual and fiscal matters, address, phone, and e-mail
  - **Goal(s) addressed**
  - **Requested award amount:** Total amount requested for the project
  - **Project period**
2. Project Summary (Limit 300 words)
  - Full title of the proposal
  - 5 key words
  - Provide a project description including identifying the research need and user group(s), goals and/or objectives, methods to be used to address the problem/knowledge gap(s), potential scientific impact, and the engagement plan demonstrating the utility or application of the work. Please limit the summary to 300 words.
3. Justification (limit 1 page):
  - **Justification of Research Need:** Describe the need for or value of the project, how the research need was identified, how it addresses the selected strategic goal, how it meets the needs of specific identified end-users, and how it will better inform

management activities.

4. Project Narrative (limit 6 pages):

- **Background:** Provide a brief review of the specific question(s) the proposal is seeking to address and any past or related efforts by the research team or others. Indicate knowledge gaps, shortfalls of prior efforts, successes in other regions, etc., and describe how the applicant(s) will incorporate this information into the proposed work. Cite relevant literature, studies, and datasets.
- **Goals and Objectives:** Provide clear statements of both the general goal of the proposed project and the specific objectives that will be addressed within the scope of this proposal to make progress toward that goal. Provide a discussion of the importance or significance of the project, and how it relates to addressing the RFP topic area, proposal problem statement, and anticipated outcomes related to conservation, management, and/or strategic planning.
- **Research Plan:** Provide a description of the approach and methods detailed by task. Provide a map of the study area and/or sample locations.

5. Project Management Plan (limit 2 pages):

- **Project Management Plan:** Applications must include a timeline and milestone chart by task. Identify any project milestones and work breakdown structures which assist in monitoring project progress and completion. Specify the role(s) of key personnel within the research project, and the number of postdoctoral researchers, and graduate and undergraduate students involved by task. Describe lines of communication and collaboration.
- **Permits:** If applicable, describe the permits required, process and timeline to obtain these, or submit copies of permits already received to support this research. Applicants must have all necessary federal, state, and local government permits by July 1, 2025 and must be able to provide a copy of required permits prior to starting field research.

6. Expected outputs and outcomes (limit 1 page)

- Describe the anticipated results of the project (i.e., outputs) and how the results will result in management actions to inform, strengthen, and direct the science-based management of the ecosystem and its resources. -

7. Engagement/Outreach plan (limit 1 page)

- Describe the end-user community and target resource managers.
- Describe how the research results will be communicated to end users, and how outputs will be used in communication of results.
- Describe when stakeholders will be apprised of results.

8. Data management plan (limit 1 page)

- Proposals must provide a detailed Data Management Plan. A typical plan should include descriptions of the types of data and information expected to be created during the project; the tentative date by which data will be shared; the standards to be used for data/metadata format and content; methods for providing data access; approximate total volume of data to be collected; and prior experience in making such data accessible. Note that all datasets must be archived in GRIIDC (Gulf Science Data Repository, <https://www.griidc.org/>)

regardless of other data management plans.

9. Deliverables (limit 1 page)

- Provide a schedule for required semiannual reports, a final report, and data archival.

10. References (not included in page limit)

- Provide a list of references cited in the proposal in a format of your own choosing.

11. Budget (not included in page limit)

- Provide an annual budget for each of the years of proposed research and a summary budget, as well as a detailed budget narrative. Follow the categories from the required annual budget sheet format below. The budget should be consistent with the needs and complexity of the proposal and clearly link spending to different objectives or tasks from the proposal body.
- Budgets must include travel expenses for at least one P.I. to attend an annual 2-day Texas OneGulf All-Hands meetings to be held in Austin, Texas for the duration of the project.

Budget should be provided in the following categories:

- Personnel Support (name of personnel, their time commitment, and allocated support)
- Fringe Benefits
- Travel
- Data Management
- Other (consultants, materials and supplies, etc.)
- Cost Share: though cost share or matching is not required, applicants should note any leveraged resources project partners are able to provide
- Indirect Costs
- Total Costs

12. Curricula Vitae and Research Team Qualifications (limit 2 pages for each CV)

- Provide a biographical sketch and short curriculum vitae of no more than two pages for each of the key members of the proposal team (those individuals whose background and experience are essential to completion of the project), including their relevant expertise, experience, and publications and archived datasets related to the proposal. Use of the NSF format is preferred.

13. Letters of Support (not included in page limit)

- Letters of support from end-users and/or collaborators may be included. Letters of support are optional and not required.

## **VI. Evaluation and Review Criteria of Full Proposals**

Evaluation of proposals will consist of three stages: Stage 1-Independent Science Review; Stage 2-Council Review & Recommendation; and Stage 3-Funding Approval by the Texas OneGulf Consortium Leadership Group.

Stage 1: Independent Science Review

All proposals will be reviewed by an independent panel of qualified, unbiased reviewers who will review and rank each proposal on its intellectual merits. Review criteria are below. Given a low overall score, some projects may not advance to Stage 2.

- Justification of Need (20 pts)
- Scientific and Technical Merit (25 pts)
- Project Management (15 pts)
- Project Responsiveness to Research Priorities (20 pts)
- Engagement (10 pts)
- Data management (10 pts)

Table below lists the technical merit evaluation criteria and weights assigned to each category.

Category (Weight)	Criteria
<b>Justification of Need (20 pts)</b>	<ul style="list-style-type: none"> <li>• The justification addresses Texas OneGulf Strategic Goals <b>(5 pts)</b></li> <li>• The degree to which the proposed activity addresses an issue, problem, or opportunity in development, use, or management of coastal or marine resources <b>(10 pts)</b></li> <li>• Rationale and importance of the work to the identified stakeholders, management needs, or identified research needs <b>(5 pts)</b></li> </ul>
<b>Scientific and Technical Merit (25 pts)</b>	<ul style="list-style-type: none"> <li>• Clarity and attainability of the objectives detailed in the project description. <b>(5 pts)</b></li> <li>• Adequacy of the proposed methodology to test hypotheses and accomplish stated objectives, including the soundness of the technical approach, scientific design, methods, timeline, and data interpretation. <b>(20 pts)</b></li> </ul>
<b>Project Management (15 pts)</b>	<ul style="list-style-type: none"> <li>• Expertise and track record of PI(s) in the proposed research <b>(5 pts)</b></li> <li>• Realistic research timeline and availability of appropriate and resources for duration of the grant (<i>Note: Inability to meet this requirement is grounds for disqualification of proposal</i>) <b>(10 pts)</b></li> </ul>
<b>Project Responsiveness to Research Priorities (20 pts)</b>	<ul style="list-style-type: none"> <li>• Measurable outcomes/outputs relevant to one or more of the Texas OneGulf Priority Research Questions <b>(10 pts)</b></li> <li>• Depth of collaboration among Texas OneGulf institutions and/or partnership with other entities to ensure a holistic response (university, nongovernmental, governmental, industry, and/or public) <b>(10 pts)</b></li> </ul>
<b>Engagement (10 pts)</b>	<ul style="list-style-type: none"> <li>• Demonstrated connection of the proposed research to positively impact Texas OneGulf research focus areas <b>(5 pts)</b></li> <li>• Availability and dissemination of results to a broad audience publication and other outreach activities <b>(5pts)</b></li> </ul>
<b>Data Management (10 pts)</b>	<ul style="list-style-type: none"> <li>• Proposals must have a detailed data management plan including descriptions, types of data, and GRIIDC data requirements <b>(10 pts)</b></li> </ul>



### Important Dates

Date	Event
Letter of Intent deadline	March 28, 2025, 5:00 p.m. CT
Proposal deadline	April 30, 2025, 5:00 p.m. CT
Anticipated project start date	July 1, 2025*

### Stage 2: Texas OneGulf Agency Council Review & Recommendation

The Council will consider proposals, independent science reviews and their agency's assessment of relevance to decision-making needs to provide funding recommendations.

### Stage 3: Funding Recommendation

The Texas OneGulf Consortium Leadership Group will review all information and provide the final funding recommendation.

## **VII. Contact Information**

Questions may be directed to the Texas OneGulf Executive Management Team at Texas OneGulf Center of Excellence: [texasonegulf@tamucc.edu](mailto:texasonegulf@tamucc.edu)

## **VIII. Award Terms and Conditions:**

1. By applying in response to this Request for Proposals, each Project Team, including the Principal Investigator (PI), agrees to be bound by all terms and conditions of the Texas OneGulf Center of Excellence Rules and Policies, as well as, applicable RESTORE Terms and Conditions.
2. All proposals will be treated as new efforts; each proposal must be a stand-alone document without need to review or consider linked material.
3. As required by the RESTORE Act [Sec. 1603 (33-34)], all efforts must be located in and applicable to Texas.
4. Grants must be led by a PI or Co-PI that is currently a member of the TONE. Collaboration outside of TONE is acceptable and encouraged.
5. Other partnering entities (including non-profits, governmental agencies, and public or private companies) from within Texas are encouraged. Any partnering outside of Texas would require proper justification explicitly showing need (i.e. reasoning that partnering expertise is not available within the state of Texas). Personnel from any number of partnering institutions should be reimbursed appropriately for their time commitment to the research program based on the salary structures at their home institutions. The tasks they

lead will be open in nature and may include work by undergraduate or graduate students, and postdoctoral research associates as appropriate.

6. An individual may only be the lead Principal Investigator (PI) on one Texas OneGulf grant proposal but may participate in others in any other capacity. It is the responsibility of the submitters to confirm that each member of the entire team is eligible.
7. All personnel conducting activities financed, directly or indirectly, wholly or in part, by Texas OneGulf are subject to and must comply with the terms of the Texas OneGulf Center of Excellence Rules and Policies and applicable RESTORE Terms and Conditions. All activities must be carried out under professional standards of responsible conduct in research [e.g., as defined by the best practices outlined and described in the United States National Academies of Science “On Being a Scientist: A Guide to Responsible Conduct in Research, Third Edition” (2009), National Academies Press.
8. Each PI, Co-PI and anyone being paid salary from a Texas OneGulf grant will be required to submit a [Conflict of Interest Disclosure Statement form](#).
9. Cost sharing or matching is not required for Texas OneGulf grants.
10. Consistency and uniformity standards for allowable costs, and audit standards requirements for non-profit organizations expending federal awards, including their grant recipients, are defined in the federal Uniform Grant Guidance (2 CFR 200); Subpart F applies to audits of the recipient’s fiscal years beginning on or after December 26, 2014.
11. PIs are responsible for compliance with local, state or federal requirements related to their research program, including ensuring they have any permits required to conduct their research; if applicable, copies must be provided to Texas OneGulf.
12. Intellectual property funded by a Texas OneGulf grant will reside with the responsible investigator’s home entity. Texas OneGulf, in consultation with PIs, may at any time use photos, data, results, and appropriate documentation to highlight and publicly share Texas OneGulf accomplishments and outcomes. Whenever possible, work conducted under Texas OneGulf grants is expected to result in publications in peer-reviewed (refereed) journals, or equivalent media. Publications and datasets that contribute to the published work must be assigned a Digital Object Identifier (DOI) to facilitate public access.
13. Texas OneGulf uses the Gulf Science Data Repository(GRIIDC) to archive metadata records. All projects must include data management and curation by GRIIDC supported by 3.75% of direct costs. All data and derived data products and metadata must be made publicly available within one year of data acquisition, before publication that relies on the data, or before the end of the grant, whichever is soonest. Metadata records submitted to GRIIDC must be accompanied by the related datasets, regardless of where they are permanently archived; they are needed to confirm metadata records. These requirements are intended to promote reproducibility, integration with other research programs, and advancement of knowledge and utility to engineers, researchers, and managers.
14. Texas OneGulf grant recipients will be required: to submit quarterly progress reports with financial statements (in order to justify cost-reimbursable quarterly payments), in specified

format as defined in grant sub-agreement terms and conditions. The Texas OneGulf program office will coordinate with grantees to fulfill reporting requirements, and will maintain records for all grants, publications, presentations, reports, and activities of each grant. These will inform semi-annual reports to the Treasury Office of Gulf Restoration, and an annual report for the Gulf Coast Ecosystem Restoration Council, as required for continuation of program funding; these reports will be made publicly available via the Texas OneGulf website.

15. Funded projects will be required to participate in an evaluation survey of all project participants. The survey will collect both quantitative and qualitative measures to determine the extent to which co-production leads to the application of OneGulf science to decision-making, as well as the extent to which interdisciplinary research is enhanced. A sample of the questions is as follows:
  - a. How many end users were involved in developing or implementing the project?
  - b. Who/why were the end users involved in developing or implementing the project?
  - c. What development or implementation activities did end users contribute to?
  - d. How did end users influence project development?
  - e. What datasets were submitted to repositories that are available to the end user?
  - f. How many trainings were provided for end users to ensure that they know how to use the science that was co-produced?
  - g. How many presentations, meetings, or other gatherings were organized to facilitate the use of actionable science by end users?
  - h. How many science extension products resulting from this research were delivered directly to the end user?



## IX. Instructions and Templates

### Letter of Intent Template

**A letter of intent IS required to apply to the Texas OneGulf Funding Opportunity.**

This competition will include a Letter of Intent (LOI) and a Full Proposal. The first phase will not include a pre-proposal, instead, a brief abstract in the form of a Letter of Intent (LOI). The LOI purpose is to confirm content alignment of the PI's selected Funding Priority with the Texas OneGulf Funding Priorities, to coordinate the PI's engagement planning with our Texas OneGulf management team, and for peer reviewer recruitment for full proposal evaluation. The LOI will **not** be sent out for *external* review.

#### Letter of Intent

A letter of intent should consist of the following sections:

- 1) Project title
- 2) Project personnel (name, title and institution of project lead and team members)
- 3) Project key words (up to 5 key words)
- 4) Project summary (up to 500 words) including:
  - a. Which eligible discipline(s) under the CoE Research Grants Program are addressed
  - b. Texas OneGulf strategic goal(s) addressed
  - c. Decision-making context/specific issue being addressed
  - d. Goals and objectives
  - e. Project partners, including intended end-users and the stage of their collaboration (e.g., to be invited, invited, agreed to participate, etc.)
  - f. Project plan
  - g. Expected outputs and outcomes (who you will serve and how)

\*\* Letters of intent shall be sent via email to [texasonegulf@tamucc.edu](mailto:texasonegulf@tamucc.edu) with "Texas OneGulf Priority Needs Funding Opportunity LOI—" as the subject line.

**Letters of Intent must be received by March 28, 2025.** Applicants submitting multiple letters must use a unique project title for each. Applicants can send all letters of intent in one email or in multiple emails.



## Full Proposal Cover Page and Template

- Project Title:** *Include the full title for the proposed effort*
- Project Director:** *Include the full name, affiliation, and contact information, including phone number, mailing address, and email address*
- Project Personnel:** *Name, title, institutions of affiliated project team members*
- Financial/Administrative Point of contact (POC):** *An individual within the institution responsible for contractual and fiscal matters; name, title, address, phone, and e-mail*
- Goal(s) addressed:** *Texas OneGulf Agency Council strategic goal(s) addressed*
- Requested award amount:** *Indicate the amount of funds requested*
- Project period:** *Project dates (12-20 months)*
- Project summary:** *Limit 300 words*
- Full title of the proposal
  - 5 key words
  - Provide a project description including identifying:
    - research need and user group(s), goals and/or objectives, methods to be used to address the problem/knowledge gap(s), potential scientific impact, and the engagement plan demonstrating the utility or application of the work
- Justification:** *Justification of research need (limit 1 page)*
- Describe the need for or value of the project
  - how the research the research need was identified
  - how it addresses the selected strategic goal
  - how it meets the needs of specific identified end users
  - how it will better inform management activities
- Project narrative:** *Project narrative (limit 6 pages) including:*
- a. Background
  - b. Goals and Objectives
  - c. Research plan

**Project Management Plan:** *(limit 2 pages)*

- Must include a timeline and milestone chart by task
- Specify the role(s) of key personnel within the research project
  - (By task) include the # of:
    - postdoctoral researchers
    - graduate and
    - undergraduate students

**Collaborators:** *List all entities who are collaborators in the proposed effort*

**Period of Performance:** *The anticipated start date is July 1, 2025. Indicate the desired end date for the proposed effort. Projects must end by February 28, 2027*

**Example Budget Table:**

	<b>Grant Funded</b>	<b>*Other</b>	<b>Total Budget</b>
Personnel Expenses	\$	\$	\$
Fringe Benefits	\$	\$	\$
Travel	\$	\$	\$
Supplies	\$	\$	\$
Equipment	\$	\$	\$
Contractual	\$	\$	\$
Construction	\$	\$	\$
Other*	\$	\$	\$
<b>Total Direct Costs</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
<b>Total Modified Direct Costs</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
<b>Indirect Costs</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>

\*Other is not required, so column may be deleted if not applicable.

## **X. APPENDIX: Existing Work Plans and Identified Research Needs**

### **Environmental Flow Work Plans – Priority needs for environmental flow research**

Sabine and Neches Rivers and Sabine Lake Bay Basin and Bay Area Stakeholder Committee. 2010. Work Plan. Submission to the Environmental Flows Advisory Group and the Texas Commission on Environmental Quality. <https://hdl.handle.net/1969.6/94328>

Trinity and San Jacinto and Galveston Bay Basin and Bay Area Stakeholder Committee with support of the Basin and Bay Expert Science Team. 2012. Work Plan Report. <https://hdl.handle.net/1969.6/94331>

Colorado and Lavaca Rivers and Matagorda and Lavaca Bays Basin and Bay Area Stakeholder Committee. 2012. Draft Work Plan. <https://hdl.handle.net/1969.6/94366>

Guadalupe, San Antonio, Mission, and Aransas Rivers and Mission, Copano, Aransas, and San Antonio Bays Basin and Bay Area Stakeholders Committee. 2012. Work Plan for Adaptive Management. <https://hdl.handle.net/1969.6/94368>

Nueces River and Corpus Christi and Baffin Bay Basin and Bay Area Stakeholder Committee. 2012. Work Plan for Adaptive Management. <https://hdl.handle.net/1969.6/94370>

Brazos River and Associated Bay and Estuary System Basin and Bay Area Stakeholders Committee. 2012. Work Plan for Adaptive Management. <https://hdl.handle.net/1969.6/94348>

### **Texas Water Development Board Research - Surface Water Strategies:**

TWDB 2024. Surface Water. Accessed 16 January 2025. <https://www.twdb.texas.gov/surfacewater/index.asp>

### **Review articles that identify environmental flow data gaps and research needs:**

Hardy T, Winemiller K, Buskey E, Guillen G, Trungale J, Opdyke D, Annear T, Locke A, Estes C (2021) Statewide synthesis of environmental flow studies (2014-2017). Texas Water Development Board Contract #1900012284.

[http://www.twdb.texas.gov/publications/reports/contracted\\_reports/doc/1900012284-Final-Report-Texas-State-University-San-Marcos.pdf](http://www.twdb.texas.gov/publications/reports/contracted_reports/doc/1900012284-Final-Report-Texas-State-University-San-Marcos.pdf)

Montagna PA, Douglas AR (2025) Summary of recommendations for the future. In: Montagna PA, Douglas AR (eds.) Freshwater Inflows to Texas Bays and Estuaries. Springer, Cham. [https://doi.org/10.1007/978-3-031-70882-4\\_17](https://doi.org/10.1007/978-3-031-70882-4_17)

**Coastal Management - Work Plans:**

Coastal Bend Bays Plan, 2<sup>nd</sup> Edition:

<https://www.cbbep.org/coastal-bend-bays-plan/>

The Galveston Bay Plan, 2<sup>nd</sup> Edition:

<https://gbep.texas.gov/galveston-bay-plan/>

Gulf of Mexico Alliance, Governors' Action Plan, IV Edition:

<https://gulfofmexicoalliance.org/what-we-do/governors-action-plan/>