



The Texas Sea Grant Research Awardee
Webinar will begin shortly...

Texas Sea Grant Research Awardee Webinar

FY 2026 - 2028 Awards

Mia Zwolinski, Associate Director, Research Coordinator

Chris Hale, Associate Director, Extension Lead

Megan Towery, Communications Director



TEXASSEAGRANT.ORG



Webinar Information

- This webinar presentation is being recorded and will be made publicly available on our website following the webinar as well as other documents.
- Please save your questions for after the Research Awardee Information and the TXSG Extension session. We have scheduled a Q&A session after that session.
- To ask a question, click on the chat tab and proceed by typing your question.
- We will also have a Q&A at the very end of the webinar, to cover the Publication and Communication session.

Texas Sea Grant Administration

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2026-2028 Research Awardees

PI Name	PI Affiliation	Project #	TXSG Extn Partner(s)	Project Title
Calil, Yuri	Texas A&M AgriLife Extension Service	R/26-SFA-1	RJ Shelly; Mario Marquez	Integrating Economic, Genetic, and Insights to Strengthen the Texas Oyster Aquaculture Industry
Kyle, Gerard	Texas A&M AgriLife Research	R/26-RCE-1	Madgellen Cleary	Integrating geospatial and participatory approaches to enhance flood resilience through private land conservation in the Texas Coastal Prairie
Murgulet, Dorina	Texas A&M University - Corpus Christi	R/26-RCE-2	Madgellen Cleary; RJ Shelly	Beyond Storm Surge: AI-Driven Predictions of Groundwater - Influenced Coastal Flooding on Texas' Barrier Islands
Quigg, Antonietta	Texas A&M University - Galveston	R/26-HCE-1	Chris Hale; Mario Marquez	Life in the PFAS lane: the impact of per/poly-fluoroalkyl substances (PFAS) on coastal communities in Texas
Seemann, Frauke	Texas A&M University - Corpus Christi	R/26-HCE-2	Alexis Sabine; Matthew Kamman	Impacts of PFAS exposure on Spotted Seatrout populations

Awardee Responsibilities & Management

Topics to ensure success over the life of your project

1. Budget, Expenses, and Invoice Processing;
2. Post-Award Revisions;
3. Other Sponsored Research Requirements;
4. Integration of Research with the TXSG Extension, Education and Outreach Partners as outlined in your proposal's Engagement Plan;
5. Reporting Requirements – Why, What, When and How; and
6. Publications Reporting and Communications.



Budget, Expenses, and Invoice Processing

Budget, Expense, and Invoice Processing

- **SPEND** according to what you outlined in your proposal **SCOPE of WORK, Budget and Budget Justification**;
- **TIMELY EXPENSE PROCESSING** in alignment with your **SCOPE of WORK Timeline**;
- **COST SHARE REPORTING** is required and occurs **WHEN FED FUNDS** are **SPENT**;
for every \$2.00 Federal dollars spent, 50% or \$1.00 Cost Share dollar **MUST BE REPORTED on the invoice**;
- **COST SHARE ACCOUNTS for REPORTING**: Encourage your Business Administrators to work with your Sponsored Programs Office Project Administrators and the Texas A&M Sponsored Research Services Project Administrators, to establish cost share accounts.

Budget, Expense, and Invoice Processing

- **SUBMISSION of invoices/expenses:** via Texas A&M Sponsored Research Services (SRS);
- **INVOICING POINT OF CONTACTS** will be provided within:
 - Award Contractual Agreement, if a PI External to TAMU System; or
 - Award Intrasystem Letter of Agreement, if an Internal TAMU System PI.
- **ALL INVOICES ARE REQUIRED TO INCLUDE** as the 1st page of your institution's invoice PDF, the **TEXAS SEA GRANT INVOICE SUMMARY COVER SHEET**.
 - We will provide an **Excel file template** with your agreement for your utilization;
 - **Summarizes** details of **Fed Funds** and Cost Share Funds at time of **invoicing**;
 - See next slide for image of the **TXSG Invoice Summary Cover Sheet**;
 - If an Internal TAMU PI, without invoices, due to utilizing funds from the sponsored project account, submit the **TXSG Invoice Summary Report** each Quarter, after funds setup, by May 15, Aug 15, Nov 15 and Jan 15.
Submit via email to TXSG Research Coordinator, Mia Zwolinski.

Texas Sea Grant Invoice Summary Cover Sheet

Texas A&M University - Texas Sea Grant Subawardee Invoice Template								
Subawardee Name:				Invoice Date:				
Subaward Account Number:				Billing Period:				
Texas A&M - Texas Sea Grant Acct No:				Invoice Number:				
Subawardee Tax ID Number:								
Final Billing ___ No ___ Yes ___ (include Final Indirect Cost Rate)								
Invoice Summary					Cost Share Summary			
Cost Categories	Original Budget Total	Current Billing	Cumulative Expenditures from Inception	Budget Balance Available	Cost Share Budget Total Required	Cost Share Current Billing	Cumulative Cost Share from Inception	Cost Share Budget Balance Due
Salaries / Wages	-	-	-	-	-	-	-	-
Fringe Benefits	-	-	-	-	-	-	-	-
Total Personnel	-	-	-	-	-	-	-	-
Supplies (less than \$5k)	-	-	-	-	-	-	-	-
Travel	-	-	-	-	-	-	-	-
Other Costs:								
Contractual Services	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Total Other	-	-	-	-	-	-	-	-
Modified Total Direct Cost	-	-	-	-	-	-	-	-
Equipment > \$5,000	-	-	-	-	-	-	-	-
Tuition	-	-	-	-	-	-	-	-
Total Direct Cost	-	-	-	-	-	-	-	-
IDC 51.5% of MTDC*	-	-	-	-	-	-	-	-
Total Project	-	-	-	-	-	-	-	-
Adjust IDC rate per your institution ___% of MTDC								

Post-Award Revisions

Post-Award Revision Requests

NOT ENCOURAGED – Submit a **REVISION REQUEST** for review and approval to: **TXSG Research Coordinator, Mia Zwolinski** and cc your SRS Project Administrator; I can review and approve here at TXSG, at the state level, without requiring pre-approval by NOAA, for most review requests. Review Requests require written justification for review and approval.

TYPES:

- **BUDGET REVISION** – example: More analysis is required – INCREASE Professional Services Budget, OFFSET (decrease) Travel Budget;
(Note: REVISED AND ORIG TOTAL PROJECT BUDGET is required to **STAY THE SAME**);
- **PRINCIPAL INVESTIGATOR CHANGE** – example: PI moves to a new institution;
- **NO COST EXTENSION** – Due to Scope of Work delay with or without Budget Revision example: Hurricane prevented ability to perform field work sampling.

Post-Award Revision Requests

HOW to request a **Budget Revision** or **No Cost Extension** - submit the following:

- 1. Budget Summary** – Original Budget, Cumulative Spending, Balance Remaining;
Update TXSG Invoice Summary Cover Sheet to depict **current balances and budget revision**.
- 2. Justification Summary** –
 - **Briefly and clearly state the PURPOSE/NEED** for a budget revision and/or extension;
 - If extension for time, **justify PURPOSE** and state **WHAT WORK REMAINS**;
 - Provide **NEW PROPOSED EXTENSION DATE** and provide **NEW TIMELINE**; and
 - **CONFIRM** if **SCOPE of WORK** will change (requires NOAA pre-approval).
- 3. Submit for approval to:** Mia Zwolinski, TXSG Research Coordinator and cc your SRS Project Administrator.

Other Sponsored Research Requirements

Specific Award Condition for Sea Grant Awards for Use of NOAA EMBLEM and SEA GRANT LOGO

(February 2025): The National Oceanic and Atmospheric Administration (NOAA) holds federal trademark registrations for the NOAA EMBLEM and asserts common law trademark rights in the SEA GRANT LOGO.

Recipient is **ALLOWED USE** of the NOAA EMBLEM and SEA GRANT LOGO, pursuant to the below terms:

- Recipient shall ensure the NOAA emblem and the Sea Grant logo are placed on all print and digital media produced by the recipient and subrecipients under this award, including, but not limited to, scientific posters and presentations, conference agendas and program websites. This logo placement is in addition to the acknowledgement of sponsorship statement required for publications and videos by the Department of Commerce Standard Terms and Conditions.
- **USE** of the NOAA EMBLEM and SEA GRANT LOGO shall be **in compliance with style guidance and standards specified** at <https://seagrants.noaa.gov/inside-sea-grant/communications/>.
- Recipient may not use the NOAA emblem or Sea Grant logo for other purposes, including lobbying or issue advocacy, endorsing a product or organization, or communications to elected officials or federal agencies.

Other Sponsored Research Requirements

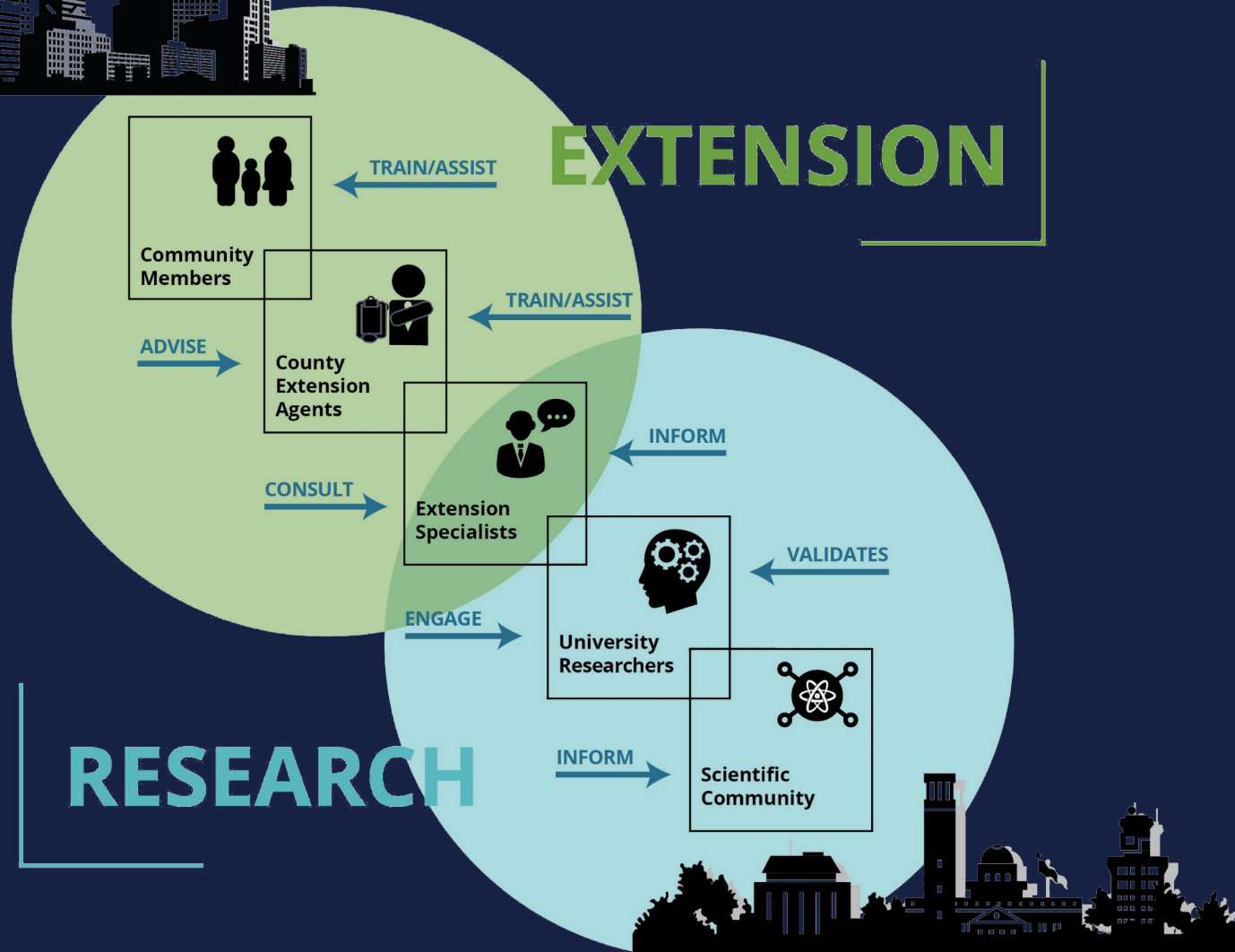
- **Texas A&M University System Memorandum** – Texas House Bill 1295 and Texas Education Code sections 51.954 and 51.955 requires the **CONSPICUOUS DISCLOSURE** of the **IDENTITY** of each **SPONSOR** of the research in any **PUBLIC COMMUNICATION** of the **DATA GENERATED** in the performance of sponsored research. (see document provided). (Enacted 2015, purpose to enhance transparency of research communications).
- **NOAA Data Sharing Directive** – ensures that **ENVIRONMENTAL DATA** produced as a result of **NOAA-funded grants** (and thereby sub-recipients), are made **PUBLICALLY ACCESSIBLE** in a **TIMELY** fashion (typically within 2 years) and **final manuscripts of peer-reviewed publications** are deposited with the **NOAA Central Library** (see document provided).
- **Sea Grant Data Management Plan Template** – Proposal Award Phase and Project Completion Phase.

The Overarching Goals of Texas Sea Grant's Research Program:

Support *community-engaged* and *outcome-oriented*
research that spans broad areas of natural, physical,
social, behavioral, economic sciences and
engineering, and

To make *research investments* that will generate
substantial *social, economic and environmental*
long-term impacts in Texas.





Research and Extension integration is required as part of your funding from Texas Sea Grant.

Remember to maintain an **Engagement Plan** throughout your project.

Extension

Sustained interaction with specific audiences using techniques to transfer science-based information or skills that inform decision-making and/or change behavior. Extension is achieved through outreach and engagement **throughout your entire project.**



Extension workshop in Alaskan community; credit S. Sempier.

-
- **Outreach:** Opportunities designed to build awareness, develop relationships and inspire action. It is a one-way delivery of information to enhance awareness of science and research.
 - **Engagement:** A two-way relationship between organizations, institutions of higher education and external communities for the mutually beneficial exchange of knowledge and resources in a context of partnership and reciprocity.
 - **End user/Stakeholder:** This is who **needs** or **will use** the results of your research. They will be **engaged** in your proposal development and throughout your entire project.

Clarify Extension staff role in your project:

- Support, advise conduct outreach, education, and/or engagement activities
- Connect you with stakeholders
- Participate in project advisory panels or committees
- Contribute to creation of products, tools
- Help you work with our TXSG Comms team to share project progress through our channels
- Identify ongoing outreach & engagement opportunities
- Support field-work, share results, co-author papers, etc.



Research Awardee Information and TXSG Extension Session

Initial Questions?

Click on Chat and copy/paste/type your questions.

Contact Information:

Mia Zwolinski, Associate Director, Research Coordinator

mzwolinski@tamu.edu





Reporting Requirements

- WHY:** Sponsor Requirement
- WHAT:** Metrics, Performance Measures, Publications
- WHEN:** By February 15, annually; pubs, as produced
- HOW:** AirTable Online Research Data Collection Form
-

Reporting Requirements - WHY

- Principal Investigators receiving funding from Texas Sea Grant are **required to report project progress and publications**, for Texas Sea Grant to report in our annual report to the **National Sea Grant Office (NSGO)** and to our prime sponsor, **National Oceanic and Atmospheric Administration (NOAA)**;
- Reporting data allows the measuring of Texas Sea Grant – FUNDED RESEARCH OUTCOMES to the program’s STRATEGIC PLAN STATED GOALS; therefore:
- When reporting, be thorough, yet with **BRIEF, SUCCINCT, HIGH-LEVEL responses**;
- SEE THE UPDATED GUIDANCE before you begin reporting:

TXSG Research Reporting Data Collection AirTable Guidance_Jan2026.pdf.

Reporting Requirements - WHAT

Metrics, Performance Measures and Progress Statements are defined and set by the National Sea Grant Office with **Period of Reporting 2/1/2026 – 1/31/2027** and on an annual basis until final.

SUMMARY SECTIONS:

- **Metrics**, including volunteer hours and public engagement numbers;
- **Performance Measures**, including economic benefits and community engagement;
- **Annual Highlight, Project Update Statement**, and a **Final Accomplishment Statement**;
- **Leveraged Funding** received;
- **NOAA Progress Questions**;
- **Students Supported** (New, Continuing, Graduating-attaining a job or advanced degree);
- **Partners Engaged** during each reporting period;
- **Publications**; and Other Pubs: Conference Abstracts, Thesis/Dissertations.

Reporting Requirements - WHAT

Areas	Metrics (keep track as activities occur)
Meetings, Workshops, and Conferences	The number of meetings, workshops, conferences organized by funded TXSG researchers and students.
	The number of attendees for all organized meetings, workshops, and conferences organized by funded TXSG researchers and students.
Public or Professional Presentations	The number of public or professional presentations given by funded TXSG researchers and students.
	The number of attendees for all public or professional presentations.
Organized Volunteers	The number of volunteers that funded TXSG researchers and students managed during all organized or sponsored activity.
	The total number of hours that all managed or sponsored volunteers put in for all organized or sponsored activities.
Educational Engagements	The total number of preschools through twelfth grade <u>students</u> who participated in activities that were organized by or presented at by funded TXSG researchers and students.
	The total number of preschools through twelfth grade <u>educators</u> who participated in activities that were either organized by or presented at by funded TXSG researchers and students.

Reporting Requirements - WHAT

Performance Measure Areas (keep track as activities occur)

- 1. Economic Impact** (justification specifics required);
- 2. Highlight** (Annual) / **Final Accomplishment**;
- 3. Influenced Funds Received**;
- 4. NOAA Progress Questions**;
- 5. Environmental Literacy & Workforce Products** (provide link to product & cite when and who **USED** the product);
- 6. Resource Managers Engaged**;
- 7. Sustainability Development** (justification req'd);
- 8. Tools, Technology, & Information Systems Products** used to enhance Ecosystem-Based Mgmt (provide link to product & cite who/when **USED** the product)
- 9. Project Partners Engaged** during the current reporting period;
- 10. Project Update** (Annual);
- 11. Supported Students that attained a job or advanced degree.**

Reporting Requirements - WHAT

PUBLICATIONS - all publications produced based on Texas Sea Grant funded research, must be reported and submitted to the National Sea Grant Library for our annual report.

SUMMARY REQUIREMENTS (Communications Director will discuss details in the webinar):

Peer-Reviewed Journal Articles & Other Publication Types (**required to report as produced**)

- Publication of research results in peer-reviewed journals and presentations at professional conferences, are important metrics for evaluating research programs;
- UPLOAD INTO AIRTABLE: PUBLISHER'S VERSION AND OPEN ACCESS LINK; IF NOT OPEN ACCESS, UPLOAD: PI-author's ACCEPTED VERSION of the peer-reviewed journal publication when received from the publisher/review team (NOT publisher's version) AND PROVIDE A LINK;
- UPLOAD INTO AIRTABLE: Other Publication Types, such as: Conference Abstracts, and student thesis/dissertations.

Reporting Requirements – WHAT & HOW

TXSG Research Reporting Data Collection AirTable Guidance_Jan2026.pdf

- **NARRATIVE WRITING REQUIREMENTS for NOAA REPORTING:** All narrative sections contribute to NOAA’s national reporting (**Annual Highlight, Annual Project Update, and Final Accomplishment Statement**); therefore, must be written in the third person and clearly **attribute work to Texas Sea Grant**.
- **NATIONAL SEA GRANT OFFICE (NSGO) REQUIRES** beginning the narrative comment with one of the following prefixes to ensure consistent attribution.

TEXAS SEA GRANT ATTRIBUTION prefix options:

- “Texas Sea Grant researcher achieved...”
- “Texas Sea Grant research team accomplished...”
- “Texas Sea Grant research project delivered results of...”



Reporting Requirements – WHAT & HOW

Highlight (Annual) Statements and Final Accomplishment Statements

- **HIGHLIGHT Statement:** BRIEF, SUCCINT HIGH-LEVEL NARRATIVE describing the resulting highlight(s) of the year-long research efforts.
- **FINAL ACCOMPLISHMENT Statement:** written at the end of the project (instead of the Annual Highlight). BRIEF, SUCCINT HIGH-LEVEL NARRATIVE describing the most significant project accomplishment(s) that have **measurable and significant** economic, societal and/or environmental benefits.
- Both Highlight and Final Accomplishment Statements are required to be written utilizing the 4Rs, must **adhere to word and character counts** and include the **TXSG attribution prefix**.
- See next slide for helpful tips.

Annual Project Highlight or Final Accomplishment – **HOW**:

- **Title** (Like a Newspaper Headline; PRESENT TENSE; include **Texas Sea Grant attribution pre-fix**; (120 char)

When writing a statement, employ the 4 R's:

- **RELEVANCE** - **WHY** statement – why did you do this research; why should this be considered important to others; take from the **Relevance Statement from your proposal**;
- **RESPONSE** - **WHAT** statement – what research did you do in response to the need outlined in the Relevance Statement;
- **RESULTS** - **OUTCOME** statement, results and how the world has subsequently changed;
- **RECAP** - (**SUMMARY** statement: repeat Title with **Texas Sea Grant attribution pre-fix**, add results summary statement).

75 words or less for each section; if exceed, AirTable will prompt you to revise.

Sample Annual Project Highlight or Final Accomplishment Statement

Title: Texas Sea Grant Research Supports Citizen Science Driven Flood Resiliency

Primary Focus Areas: Resilient Communities and Economies

Partners: Texas A&M University - Hazard Reduction and Recovery Center; Texas A&M University Texas Target Communities; Texas Sea Grant; Crowdsourc Rescue (CSR); Cajun Navy Relief (CNR)

RELEVENCE: The ability to automatically and accurately estimate floodwater depth at street-level adds significant value to long-term flood risk mapping and search and rescue operations immediately following a flood event.

RESPONSE: Texas Sea Grant project developed a BluPix web app tool. BluPix is a web application for crowdsourced flood photo collection (link: <https://blupix.arch.tamu.edu/>). So far, the app is populated with 186 photo pairs of stop signs in various locations before and after flood events. Comparing the pole length of the same stop sign before and after a flood provides more context into the depth of floodwater that has occurred in a particular location.

RESULT: The app allows citizen scientists to create accounts, upload pre- and post-flood photos, and pin them on a map interface. These photos are being used to train and test an artificial intelligence (AI) model to automatically calculate the depth of floodwater at the location of the photo.

RECAP: Texas Sea Grant Research Supports Citizen Science Driven Flood Resiliency by creating an application to warn citizens of potential flooding risks, thereby mitigating risk.



Reporting Requirements - WHAT

Leveraged Funding (track as received; report annually)

- Leveraged funds are any funds that researchers receive beyond TXSG's original prime award; these **influenced funds** are reported as contributing towards accomplishing TXSG's Strategic Plan goals and objectives.
- Leveraged funding is **Influenced by Texas Sea Grant**, but administered by another organization;

For example: If a **TXSG-funded** project results in a NSF funded grant, the NSF funded grant would be considered **influenced leveraged funds**.

- If you used this Sea Grant-funded project to leverage funds from other sources (e.g., your university, a state agency, foundation, etc.), report as follows:

Project Title	Funding Amount	Project Start Date	Project End Date	Project Sponsor
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Reporting Requirements - WHAT

Partners Engaged during this reporting period (report annually)

- List any organizations, agencies, community groups, municipalities, governments, businesses, laboratories, or other partners with whom you listed in your proposal, that you were **ACTIVELY ENGAGED WITH** and **WORKED WITH** on this project **during this CURRENT REPORTING PERIOD.**

NOTE: Partner Lists are updated and reported every reporting year.

Reporting Requirements - WHEN

- TXSG reports on an annual basis, progressively throughout the year, with reports due Feb 15th and publications are submitted as produced throughout the year.
 - **ANNUAL REPORT PERIOD** follows the award period of performance dates:
February 1 through January 31 of the following year; 2/1/2026 – 1/31/2027, annually;
 - **FINAL REPORTS** are due 30 days after project expires or end of February; Final Reports are reported on an ANNUAL BASIS, not cumulative, with NOAA Progress Questions responded on a final basis and a Final Accomplishment Statement is prepared, rather than an Annual Highlight Statement.

Reporting Requirements - HOW

Resources available to assist you with reporting

- **REVIEW guidance:** [TXSG Research Reporting Data Collection AirTable Guidance_Jan2026.pdf](#)
- **REPORTING METHOD:** [AirTable Online Reporting Data Collection System](#)
- **HOW to CREATE a NEW REPORT RECORD:**
 - You will receive an email invitation to create an AirTable account **next month**. Save your password. Reporting for 2026 Annual Report will not begin until next January for the Feb 15th due date. Log in again before beginning a new report record for 2026 Annual Reporting.
 - **Access the link** for the **Research Reporting Data Collection Form** in AirTable to begin your Annual Report. LINK: [Research Reporting Data Collection Form – Airtable](#)
- Visit the **TXSG Award Reporting website** to find reporting guidance, including the National Sea Grant Office's guidance and definitions document.
<https://texasseagrant.org/funding/research-funding/award-reporting/>

Reporting Requirements - REMINDERS

- **REVIEW guidance: TXSG Research Reporting Data Collection AirTable Guidance_Jan2026.pdf**
- **AirTable Online System USE THE LINK FOR:**
 - Creating a new report record; and to
 - Submit additional new data for the same report year.
- Select each section that you will report on; AirTable will step you through all the questions, with guidance on what and what not to report; should you need additional time to submit, simply unselect the section that you have not been able to complete and submit what you have completed; AirTable will send a response email.
- When ready to complete more sections, **click on the same link again**, and complete the additional sections for the same report year.
- Follow through the form; answer all questions; all require a response.
- If the question is not applicable to your project, then state “N/A” or enter zero (if numeric) for the response.

Reporting - AirTable Screenshots



Research Reporting Data Collection Form

This form collects data that occurs during each report cycle. Please don't submit anything that you have reported in previous report cycles.

Current Reporting Cycle: February 1, 2025 - January 31, 2026

If you have any questions, please contact *Mia Zwolinski, Research Coordinator*, mzwolinski@tamu.edu, for further assistance.

Review and understand the revised guide before you begin reporting:

[TXSG Research Reporting Data Collection AirTable Guidance Jan2026](#)

Additional guidance from the National Sea Grant Office:

https://seagrants.noaa.gov/wp-content/uploads/2024/07/Annual-Report-Guidance-2024-2027-FINAL_508.pdf



Reporting - AirTable Screenshots

🔗 Section to complete *

Please select the Section(s) that you want to complete at this time. Multiple sections selection is allowed.

Note:

- 1, Only selected sections' content will show up.
- 2, Questions with a red star will be mandatory.
- 3, If you cannot complete a section due to time constraints, deselect the checkbox and submit only the completed sections. To return to complete additional sections later, click on the form link again, in order to complete the additional remaining sections for the same reporting period and submit again.
- 4, Only one record is allowed to report for one submission. If you have multiple records you want to report, simply reopen this form and report another one.

- Economic Impact
- Highlight (annual)/Final Accomplishment (Mandatory for Annual Report and End of Project Final Report)
- Influenced Funds
- NOAA Progress Questions (Mandatory for Annual Report and End of Project Final Report)
- Performance Measures and Metrics based on Activities
- Product
- Project Partner
- Project Update (Mandatory for Annual Report and End of Project Final Report)
- Publication
- Student Supported

Reporting Information Session

Initial Questions?

Click on Chat and copy/paste/type your questions.

Contact Information:

Mia Zwolinski, Associate Director, Research Coordinator

mzwolinski@tamu.edu



Publications Reporting and Communications

Megan Towery, Communications Director

Texas Sea Grant

Why Report Publications?

- As a publicly funded organization, TXSG must document impacts and accomplishments
- As a funded researcher, you are expected to report progress to TXSG
 - This includes publications

What is considered a “publication”?

According to the National Sea Grant Library, the publication must:

- Be sponsored entirely or in part by one or more Sea Grant Programs
- Communicate the results of research
- Intended for public dissemination
- Is in an acceptable format

[NOAA Repository Document Guidance](#)

What is considered a “publication”?

Appropriate Formats - Examples include (bolded are most often:

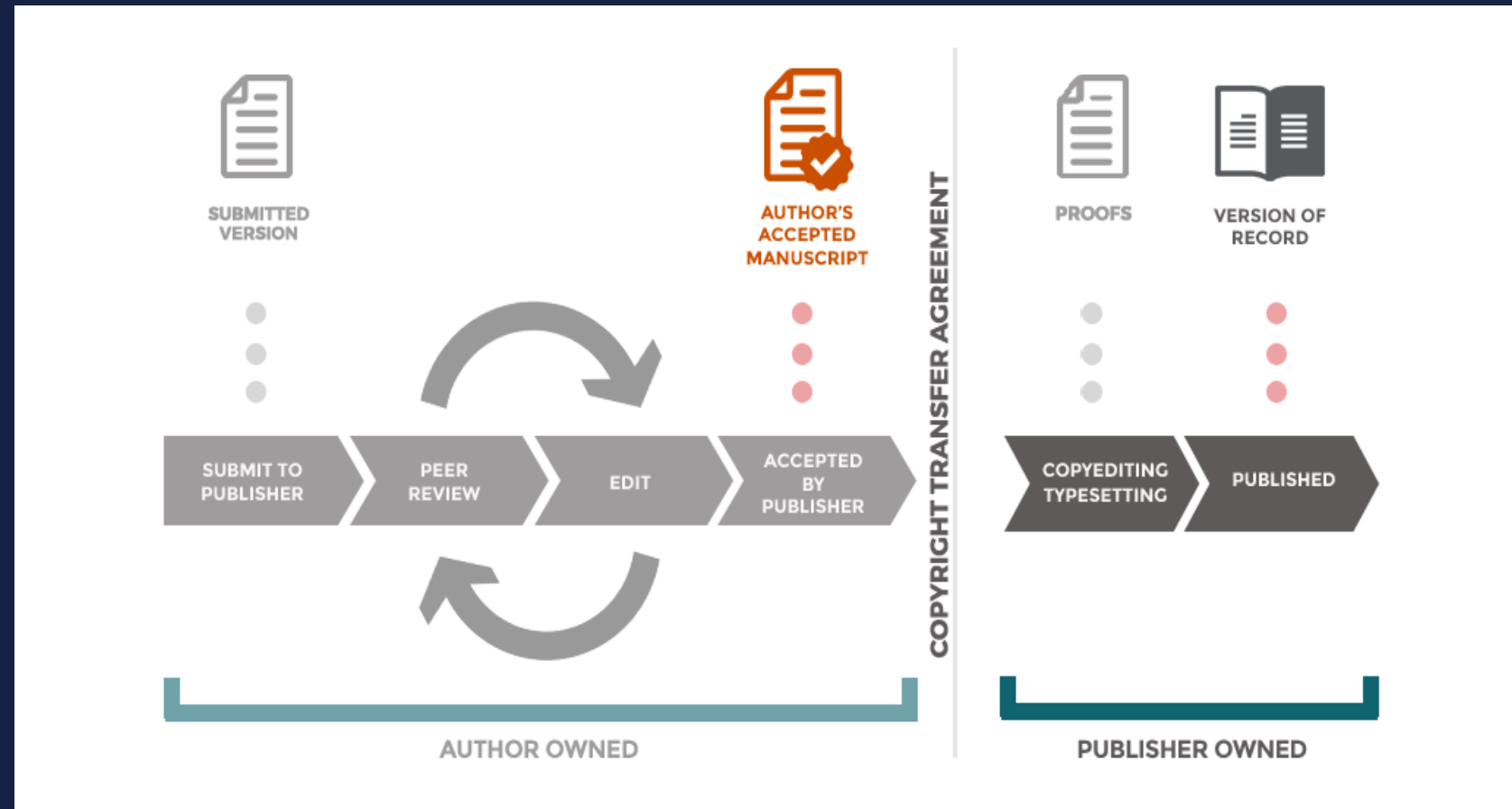
- **Technical Reports** (pamphlets, factsheets)
- **Conference Abstracts / proceedings**
- Publications for stakeholders
- **Peer-reviewed journal articles**
- Newsletters
- Websites (Digital)
- Videos (Digital)
- **Theses/dissertations**
- Educational materials (e.g. brochures, Educational, Published Webinars (Digital), Software/Databases (Digital))

*Must be Section 508 compliant!
We can help with this.*

What is considered a “publication”?

Peer-reviewed Journal Articles

- Submit the **Accepted Manuscript** (NOT the publishers’ version of record)
 - Unless it’s open access
 - If the publisher does not return your **Accepted Version**, we can use your **Final Accepted Version** that you sent the publisher
- Do not worry about 508 compliance (NOAA takes care of that)



What is an Accepted Manuscript?

<https://www.osti.gov/what-accepted-manuscript>

What is NOT considered a “publication”?

- Poster Presentations
(Educational posters for the public are publications)
- Event flyers
- Powerpoint slides

When in doubt, feel free to ask!

Acknowledgement Statement

- All publications produced with Texas Sea Grant Funding are required to include this Acknowledgement Statement:

Publication supported in part by an Institutional Grant (NA24OARX417C0147-T1-01) to the Texas Sea Grant College Program from the National Sea Grant Office, National Oceanic and Atmospheric Administration, U.S. Department of Commerce.

Publications Numbers

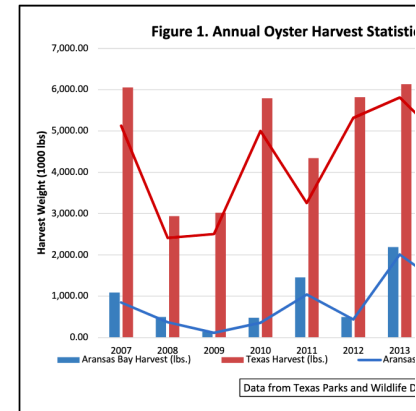
- Issued by the TXSG Communications Office
- Assigned to every publication
- Format: TAMU-SG-YY-###



Economic Contributions of the Aransas

Andrew Ropicki¹, Rebekka Dudensing², I

The Aransas Bay oyster fishery is a key fishery for Aransas Bay and a valuable fishery in Aransas Bay since 2000 as measured by dockside value (2015). Between 2007 and 2016, Aransas Bay oyster landings account for 10% of total oyster landings by weight and value, and the total dockside value of the period was approximately \$33 million (measured in 2017 dollars). Figure 1 shows Aransas Bay and Texas oyster harvests, by weight and value, for the 10 years through 2013.



¹ Assistant Professor and Extension Economist, Texas A&M AgriLife Extension Service
² Associate Professor and Extension Economist, Texas A&M AgriLife Extension Service
³ Extension Associate, Texas A&M AgriLife Extension Service, College Station, TX

Educational programs of the Texas A&M University System, U.S. Department of Agriculture

TexasSeaGrant.org

Analysis Notes

- Annual oyster harvest data (amount and value) came from the Texas Parks and Wildlife Department and the National Marine Fisheries Service. Oyster harvest weight information is measured as meat weight.
- Economic contributions were calculated using IMPLAN (Impact analysis for PLANning), a software program that calculates economic contributions using classic input-output analysis.
- 2015 IMPLAN sector 17 multipliers were used to calculate harvest contributions.
- This analysis focuses only on oyster harvesting economic contributions; additional contributions associated with processing, wholesaling and retail activities are not included.

References

Bohannon, C., J. Esslinger, and T. Wagner. 2015. Trends in Texas Commercial Fishery Landings, 1994-2012. Texas Parks & Wildlife Data Management Series No. 290.

MIG. 2015. *IMPLAN Professional Version 3.0*. Stillwater, Oklahoma.

National Marine Fisheries Service. 2017. *Fisheries Economics of the United States 2015*. U.S. Dept. of Commerce, NOAA Tech. Memo. NMFS-F/SPO-170, 247p.

Publication supported in part by an Institutional Grant (NA18OAR4170089) to the Texas Sea Grant College Program from the National Sea Grant Office, National Oceanic and Atmospheric Administration, U.S. Department of Commerce. TAMU-SG-18-506 June 2018

Sea Grant Logos and NOAA Emblem

- Use TXSG and NOAA logos on publications (except theses/dissertations and journal articles)
- Texas Sea Grant Logos Available at tx.ag/SGLogos and on our Award Reporting webpage:
<https://texasseagrant.org/funding/research-funding/award-reporting/>
- Reach out to the Communications Team for other logo versions or questions/clarifications on logo usage

When to submit

As soon as published is the requirement per the contractual deliverables schedule.

After the project:

- Submit any additional publications that are produced as a result or in part a result of Texas Sea Grant's funding.

How to Submit

- Please submit digital copies of peer-reviewed publications to Texas Sea Grant through the **AirTable Research Reporting Data Collection Form** as described in the Reporting slides above.
- Non-peer-reviewed materials, Other Publication Types, should be submitted as a PDF through the **AirTable Research Reporting Data Collection Form** as described in the Reporting slides above.
- If the publication is not in a media type supported by PDF, please send the digital file directly to seagrant@tamu.edu with subject line: Digital Publication Submission.

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PUBLICATIONS

Texas Sea Grant produces a variety of publications to serve Texans and provide accurate information related to the Texas coast and marine environment.

Looking for something in particular? Want physical copies mailed to you for free? Reach out to us at seagrant@tamu.edu.

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This is a searchable database of all Texas Sea Grant publications.

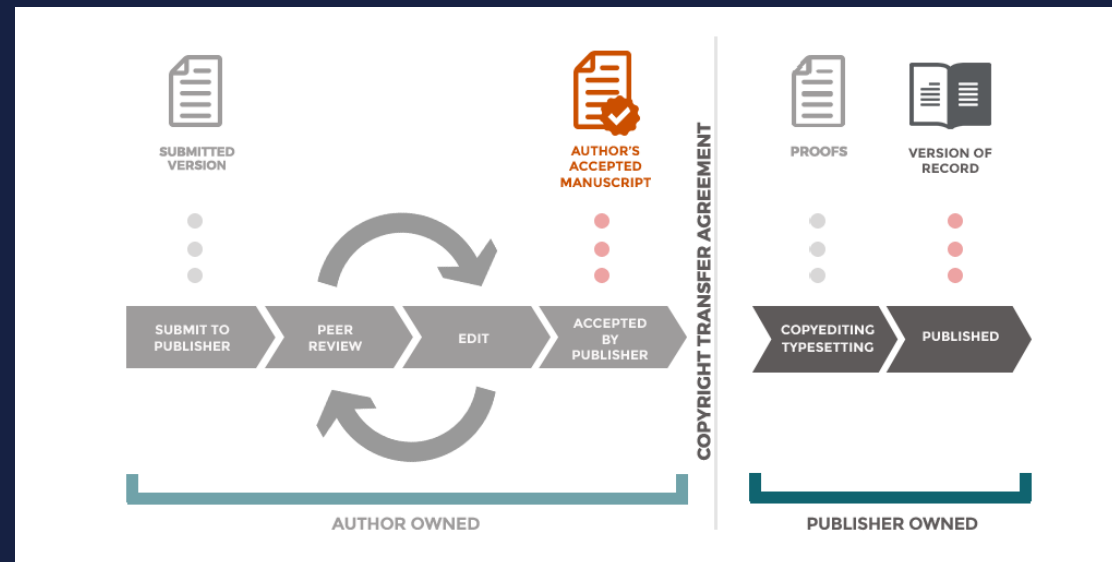
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- Texas Sea Grant
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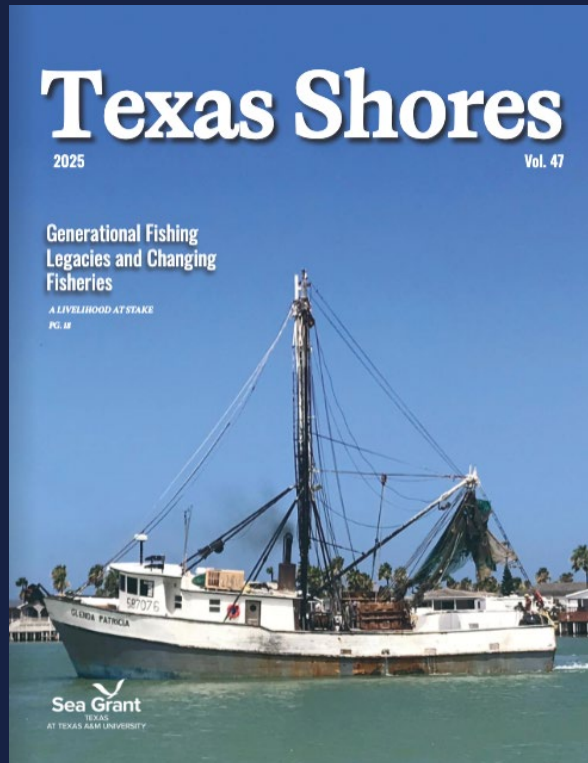
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From Research to Applied Impact

We integrate funded projects into our broader communications ecosystem including reporting, digital storytelling, stakeholder materials, and media outreach, to showcase impact across Texas coastal communities.

We also partner closely with our Extension team to translate research findings into accessible outreach resources, educational materials, and practical tools.

Texas Sea Grant Publications





RESEARCH
Sustainable Fisheries and Aquaculture

HOW DNA RESEARCH IS GUIDING THE FUTURE OF TEXAS OYSTERS

Along the shallow bays of the Texas coast, oyster reefs rise quietly from the mud and shell, forming living structures that stabilize sediments, filter water, and provide habitat for fish, crabs, and other estuarine wildlife. These reefs face extreme environmental swings, including sharp changes in salinity and temperature, as well as storms that sweep across the coast.

Understanding how oysters respond to these pressures is at the heart of a 2022 Texas Sea Grant-funded project led by geneticist Dr. Christopher Hollenbeck of Texas A&M University-Corpus Christi and Texas A&M AgriLife Research. His work is revealing how oyster genetics can guide restoration and support resilient coastal ecosystems.

The project focused on three objectives: developing cost-effective genetic tools, mapping the transition zone, and understanding physiological tolerances.

"Our research into population structure of oysters in Texas has built upon several studies that have indicated genetic differences in oysters along the coast (notably Anderson et al., 2014), specifically that there are two populations (in the north and south of the coast) that overlap to some extent in the Corpus Christi/Aransas Bay systems," Hollenbeck said.

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“Recently, we’ve been able to add to this work, in collaboration with the Texas Parks and Wildlife Department (TPWD), by utilizing newer technology that allows us to observe differences at the genomic level. Not only does this provide higher resolution, but also gives us a way to understand how the genetic differences lead to differences in the physical characteristics of the populations.”

Hollenbeck’s research shows that the northern and southern oyster populations differ in environmental tolerances and spawning behavior. His lab’s work has built on studies that have shown that the southern population, adapted to the warm and hypersaline conditions of the Laguna Madre, is more resilient to changes in salinity, temperature, and dissolved oxygen. Although *C. virginica* ranges from New England’s Atlantic coast all the way down through the Gulf of America (formerly Gulf of Mexico), genetic analysis reveals a distinct, southern-Texas Gulf population in the western Gulf, highlighting how unusual this population break is within a broadly distributed species. Where they overlap near Corpus Christi, a dynamic transition zone is present that is important to consider for management and restoration decisions. Hollenbeck noted that the transition zone between the northern and southern populations appears to shift north or south over time, suggesting that population locations may change with cycles of environmental conditions, a factor important for management.

By tracking these shifts, scientists hope to anticipate how populations may respond to environmental changes and guide restoration and aquaculture strategies that maintain genetic diversity and resilience.



Atlantic Oysters from Dan’s Oyster Farm.
Photo: Anna Weik, Texas Sea Grant

Why It Matters

“The more we learn about the genetic makeup of these oysters, the better we can protect their diversity, their resilience, and their role in keeping our coastal ecosystems healthy.”

Dr. Christopher Hollenbeck

How Scientists Read Oyster DNA

Unlocking the genetic story of Texas oysters starts with a tiny tissue sample—often just a small piece of gill or mantle. From there, researchers extract DNA and use high-resolution genomic tools to scan thousands of markers across the oyster’s genome.

These markers act like signposts, showing scientists where oysters come from, how populations differ, and which traits help them survive in Texas’s highly variable bays. Newer sequencing technologies allow researchers to detect subtle genetic differences that older methods couldn’t capture, giving them a clearer picture of how northern and southern populations adapt to their environments.

This genomic approach also helps managers and restoration teams match broodstock to specific reefs, monitor changes in wild populations, and track how oysters respond to environmental stress over time. By “reading” oyster DNA, scientists are building a foundation for smarter restoration, sustainable aquaculture, and long-term coastal resilience.

Press Releases and Web Stories

- Texas Sea Grant website
- National Sea Grant website
- University Relations and Marketing
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Texas Sea Grant
Published by Later · December 10, 2025


A field day in Corpus Christi offered an engaging look at coastal flooding! 🌊📚

Last weekend, Coastal Resilience Specialist April Taylor, with help from the South Chapter Master Naturalists and researchers from the Conrad Blucher Institute, led a hands-on field event exploring nuisance flooding – turning a usually gloomy topic into a day of fun learning!

Participants learned everything from the region's geological history to modern tools that track tides and water levels, gaining a clear picture of the past, present, and future factors that shape local flooding.

The event also highlighted the ongoing work of Taylor, Dr. Philippe Tissot, and CEI-turned-research assistant Juliet Cattell, who have been installing and monitoring five Hohonu water sensors from Magnolia Beach to Rockport. These sensors use real-time data and AI to predict sunny-day flooding – and even helped shape Cattell's first accepted abstract for the American Meteorological Society conference!

Thank you to the South Chapter Master Naturalists and TAMU-CC for supporting this great event! Learn more about the project: tx.ag/aiwis



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Galveston Coastal & Marine Resources - Texas A&M AgriLife Extension and 14 others

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Texas Sea Grant
Published by Later · November 12, 2025

Ever wondered what it's like to live and research on a boat? Research associate, Sam Yasko, set off on a two-week journey to advance bycatch reduction research and help ensure a sustainable future for shrimping in Texas.

She shared her full experience – from curious sharks tagging along beside the boat to insightful discoveries and ending each day with a Texas sunset – in a recent article.

[Read Sam's full story, featured in the latest Get Hooked Newsletter: tx.ag/YaskoBetterBRD](https://tx.ag/YaskoBetterBRD)



Sustainable Fisheries & Aquaculture

TEXAS SEA GRANT NEWS

While spending two weeks aboard a commercial shrimp vessel, marine researcher Sam Yasko collects data to improve bycatch reduction and strengthen sustainable fishing practices. Her work highlights how collaboration between scientists and fishermen can protect ocean ecosystems while supporting coastal livelihoods.

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Texas Sea Grant
Published by Later · September 22, 2025

In flood-prone coastal areas, green infrastructure can make all the difference in how precipitation runoff impacts communities. [See more](#)



that flood hits the houses in the lower end

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Send us your communications updates!

- Photos and videos
- Media coverage
- Project updates

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Publication Reporting Communication Session

Questions?

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