

# COASTAL RESILIENCE & ADAPTATION CONFERENCE

*Focused on Advanced Technologies*

September 18 & 19, 2024 | 8:30 a.m. – 5 p.m. CT | Virtual

## CALL FOR ABSTRACTS | DEADLINE: MAY 15, 2024

There is a critical need to address the short- and long-term coastal issues created by the intricate linkages between anthropogenic activities, technological and ecological systems. These are drivers of economic development, and vulnerabilities introduced through coastal risks need to be countered by the latest developments in science and technology. This is expected to result in informed decision-making capabilities for coastal adaptation and resilience.

Needs identified by coastal communities suggest an immediate necessity to build capacity in some emerging areas that connect research to extension, create a knowledge base for providing technical assistance, extend training to underserved regions and communities, enable project implementation, and develop a comprehensive education and workforce development plan.

In recent times, Texas Sea Grant has identified coastal community needs that can be broadly classified into four focus areas. The topics require a deep understanding of advanced technologies. The purpose of this conference is to create or highlight this knowledge base through talks and posters. In association with our partners, we aim to build capacity that supports these focus areas with intellectual merit and the potential of translation of research to application and extension opportunities. Recent trends in the funding opportunities made available through the Bipartisan Infrastructure Law, these are areas of importance that will allow us to engage the coastal communities in Texas.

### Value to Presenter

Showcase technology or solutions for coastal resilience, network with peers, and interact with community leaders, members and organizations.

### Focus Areas

We invite you to submit your work for 15-minute presentations. Please note that individual (15-minute) presentations will be grouped together into focus areas:

- Coastal Energy Transition
- Marine Debris and Circular Economy
- Nature-based Solutions
- Early Warning Systems for Coastal Hazards

### Review Criteria

We are looking to highlight many advanced technologies and will review submissions with the criteria below in mind:

- **Significance:** The submission clearly states the scientific value and the effect results might have on future research.
- **Clarity and Topical Relevance:** The submission clearly articulates the advanced technology topic area(s) and relevance to enhancing coastal resilience.
- **Originality:** The submission's technologies are unique, novel, and innovative.
- **Practice and Practical Value:** Submissions that highlight or relate to real world examples, existing projects, or learning from experience are preferred.
- **Technology Readiness Level:** A metric used for describing technology maturity. It is a measure used by many U.S. government agencies to assess maturity of evolving technologies (materials, components, devices, etc.) prior to incorporating that technology into a system or subsystem.

### Instructions for Submission

The submission form is open now and will close at 11:59 p.m. CT on May 15, 2024. Submissions should: identify speaker(s) and affiliations and describe the advanced technologies topic area of your presentation (250 words or fewer). We are aiming for abstract acceptance notifications in mid June 2024.

Submit your abstract to [tx.ag/CRAConference](https://tx.ag/CRAConference)

For more information, contact: [TEES\\_Conferences@tamu.edu](mailto:TEES_Conferences@tamu.edu)