



**COASTS, OCEANS,
PORTS & RIVERS
INSTITUTE**

Credit: Thomas Horig / Ocean Image Bank

COPRI Texas Chapter Quarterly Newsletter

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Upcoming Events

Event: ASCE COPRI Texas Chapter Quarterly Meeting

Date: Tuesday, February 18, 2025

Location: USACE Clear Lake Office, Houston, Texas

Event: ASCE COPRI Texas Chapter Quarterly Meeting

Date: Tuesday, May 13, 2025

Location: SGH, Houston, Texas

Event: ASCE COPRI Texas Chapter Quarterly Meeting

Date: Tuesday August 12, 2025

Location: TBD Corpus Christi, Texas

Event: ASCE COPRI Texas Annual Fall Conference

Date: Thursday, October 2, 2025

Location: Rice University, Houston, Texas

[Click Here for More Info & Registration for COPRI Events](#)

Meeting Spotlight

On October 3, 2024, Texas COPRI hosted the annual Fall Conference with more than 100 participants, 12 technical presentations and 3 panel discussions. Industry, Port Authority and Governmental partners participated in panel discussions which covered challenges at Port Authorities, Women in Maritime and Beneficial Use along the Texas Gulf Coast. Technical presentations covered Ports and Coastal project challenges across Texas and the world. COPRI sends a special thank you to our sponsors, presenters, panelist and to those who participated in making this one of the largest fall conferences for the Texas COPRI Chapter to date. Mark your calendars for the next fall conference on October 2, 2025.

Project Spotlight

Navigating the Sabine-Neches Waterway is about to get easier. The Sabine-Neches Navigation District (SNND), in partnership with the federal government, is deepening the Sabine-Neches Waterway from 40 feet to 48 feet. This will allow larger ships to access local ports, improve vessel traffic management, and leverage the expanded Panama Canal. The project will keep Southeast Texas ports competitive, create and maintain jobs, boost tax revenues, and stimulate economic growth. Spanning fifty-seven miles, the Sabine-Neches Waterway is the longest federal deep draft ship channel on the Texas Gulf Coast. Construction began in 2019 and will take seven years to complete, costing \$1.4 billion. Federal funds will cover 60% of the cost, with non-federal sources covering the remaining 40%. The project will generate \$5.9 billion in business activity, \$2.8 billion in gross product, and nearly \$700 million in retail sales, creating 528,000 new jobs and \$11 billion in federal taxes.

More information on this topic can be found at: <https://navigationdistrict.org/deepening-project/>

COPRI Membership

Click here to renew, join or verify your COPRI membership status.

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Coastal News Bulletin

The United States Department of Transportation (U.S. DOT) has announced that Congress has authorized \$292.7 million to be used for the new Port Infrastructure Development Program in the form of grants. This new program aims to support projects that improve transportation of port goods and commodities, port safety, and port technology. Grants will be given to projects that are located within or adjacent to port boundaries. The U.S. DOT encourages prospective projects that may fit the requirements of the program to submit a grant application.

For more information on how to submit a grant application, please visit <https://www.maritime.dot.gov/PIDPgrants>

Emerging Technology

Founded in 2020 by four MIT PhD alumni, Amogy Inc. aims to decarbonize sectors like shipping, power generation, and heavy-duty transportation with its ammonia-based, emission-free power solutions. The company has demonstrated its technology in a drone, tractor, and semi-truck, and is retrofitting a tugboat to be the world's first ammonia-powered vessel.



The NH3 Kraken: Amogy's carbon-free, ammonia-powered tugboat. (Photo: Business Wire)

With operations in Norway and Singapore, Amogy plans to commercialize its technology in 2024, supported by substantial funding and a new 53,000-square-foot manufacturing facility in Houston, Texas. This \$40 million facility will produce Amogy's "powerpack," a clean energy solution for sectors like shipping and transportation. Amogy has raised \$11 million to commercialize its technology, completing its Series B funding at \$220 million with investors like Amazon's Climate Pledge Fund and Mitsubishi Corporation. The company has also partnered with Infinium and Hy2gen to advance renewable ammonia as a maritime fuel.

For more information, visit www.amogy.co.