ICCE 2026
Galveston, TX
ICCE2026.com

COPRI
ASCE
COASTS, OCEANS, PORTS & RIVERS INSTITUTE

39th International Conference on Coastal Engineering

It's

ISLAND TIME

May 17-22, 2026
Galveston, TX
ICCE2026.com
#ICCE2026

Welcome to the 39th International Conference on Coastal Engineering

On behalf of COPRI and ASCE, I'm excited to welcome you to the 39th International Conference on Coastal Engineering here in Galveston, Texas.

ICCE is one of the premier global gatherings for our field—bringing together researchers, practitioners, and leaders to share ideas, challenge thinking, and advance coastal engineering. This week is about collaboration, innovation, and tackling the real-world challenges facing our coasts.

For me personally, it's especially meaningful to have ICCE in Galveston. Texas A&M Galveston is my alma mater, where I studied engineering, and I'm incredibly proud to see this global community come together along a coastline that has shaped so much of our understanding of coastal risk, resilience, and design. Galveston's history—from the lessons of the 1900 hurricane to the legacy of the seawall and today's forward-looking coastal protection efforts—makes it a powerful and fitting setting for this conference.

What makes ICCE truly special is the people. This is a global community pushing the boundaries of what we know and what we can do. COPRI is proud to be part of that momentum as we continue to grow our impact across coasts, oceans, ports, and rivers.

I encourage you to engage fully this week—learn, connect, and take in everything this unique setting has to offer. Welcome to ICCE 2026. I'm glad you're here.

Craig Jones, Ph.D., M.ASCE
2025-2026 COPRI President

On behalf of the Local Organizing Committee, I'd like to extend a heartfelt "HOWDY" to all of you and welcome you to ICCE 2026 in Galveston! It is a true honor to have the opportunity to help organize this wonderful conference on our island. Attending my first ICCE as a grad student many years back has been a transformational experience and made me realize that I chose the right profession. The coastal science and engineering community that comes together at these meetings is the most collaborative and supportive group of people I have ever encountered. I am looking forward to continuing that tradition with this year's ICCE event and invite you to enjoy not only excellent technical discussions but also southern hospitality, Texas food, beach sand between your toes and saltwater in your faces ... and most importantly: a great time with friends! Welcome to Galveston, Texas!

Jens Figlus, Ph.D., M.ASCE
Texas A&M University
Chair, Local Organizing Committee ICCE 2026

Conference Organizing Committee

Executive Committee

Lori Brownell, Port of Houston
Himangshu "HD" DAS (LOC Co-Chair), USACE, Galveston
Jens Figlus (LOC Chair), Texas A&M University
Rob Thomas, Gulf Coast Protection District
Cris Weber, TerraDepth

Local Organizing Committee Members

Deidra Dittmar, AtkinsRéalis
Mike Giovannozzi, AquaTerra Consulting International
William Hanson, Great Lakes Dredge and Dock Company, LLC
Ashley Judith, KIEWIT
Coraggio Maglio, DCCM
Juan Moya, Lochner
Cameron Perry, HDR
Edwin Rajeev, Cummins Cederberg
Erin Rooney, HDR
Tony Williams, Texas General Land Office
Larry Wise, Baird

Coastal Engineering Research Council

Christopher Bender, Taylor Engineering, USA
Patricio Catalan, Technical University Federico Santa Maria, Chile
Daniel Cox (Secretary), Oregon State University, USA
Leopoldo Franco (past LOC chair), Roma Tre University, Italy
Shih-Chun Hsiao, National Cheng Kung University, Taiwan
Jennifer Irish (Vice-Chair), Virginia Technical University, USA
Javier Lopez Lara, University of Cantabria, Spain
Patrick Lynett (Chair), University of Southern California, USA
Nobuhito Mori, Kyoto University, Japan
Robert Nicholls, University of East Anglia, United Kingdom
Ioan Nistor, University of Ottawa, Canada
Ad Reniers, Technical University Delft, The Netherlands
Alexandra Schueller (Young Professionals), University of Applied Sciences Koblenz, Germany
Ian Turner, University of New South Wales, Australia
Ap van Dongeren, Deltares, The Netherlands
Barbara Zanuttigh, University of Bologna, Italy

Schedule-at-a-Glance

Sunday, May 17

8:00 a.m. - 4:00 p.m.	Short Course: Climate Change Adaptation in Coastal Regions and Port Infrastructure* | *Galleon I* Short Course: Hydraulic Structures and Storm Surge Barriers* | *Spinnaker* Short Course: Modeling Compound Flooding with SFINCS* | *Galleon III* Short Course: Modeling Development of Coastal Dunes for Coastal Engineering Applications* | *Galleon II*
8:00 a.m. - 5:00 p.m.	Registration (Closed for lunch from 12:00 - 1:00 p.m.) | *Level 1 Pre-Function*
12:00 - 5:00 p.m.	Technical Workshop: International Workshop on Coastal Storm Reconnaissance: How to Optimize Field Data Collection | *Yacht*
1:00 - 5:00 p.m.	Exhibitor Move-in | *Exhibit Hall*
3:00 - 5:00 p.m.	Speaker Ready Room Open | *Leeward Boardroom*
5:00 - 7:00 p.m.	Welcome Reception* | *Exhibit Hall*

Monday, May 18

7:30 a.m. - 5:00 p.m.	Registration (Closed for lunch from 12:00 - 1:00 p.m.) | *Level 1 Pre-Function*
8:00 - 9:15 a.m.	Welcome & Morning Announcements | *Grand Ballroom A, B & C*
9:15 a.m. - 6:30 p.m.	Exhibit Hall Open | *Exhibit Hall*
9:25 - 10:10 a.m.	Keynote Presentation | *Grand Ballroom A, B & C*
10:10 - 10:40 a.m.	Daily Student & Young Professional Networking Break | *Exhibit Hall*
10:10 - 10:40 a.m.	Networking break in Exhibit Hall | *Exhibit Hall*
10:40 a.m. - 12:10 p.m.	Concurrent Technical Session I
12:10 - 1:30 p.m.	Buffet lunch in Exhibit Hall* | *Exhibit Hall*
1:30 - 3:00 p.m.	Concurrent Technical Session II
3:00 - 5:00 p.m.	Speaker Ready Room Open | *Leeward Boardroom*
3:00 - 3:30 p.m.	Networking break in Exhibit Hall | *Exhibit Hall*
3:30 - 5:00 p.m.	Concurrent Technical Session III
5:00 - 6:30 p.m.	Poster Display Session in Exhibit Hall | *Exhibit Hall*
6:30 - 7:30 p.m.	Coastal Engineering Research Council (CERC) Meeting | *Galleon I*
7:00 - 9:00 p.m.	Party & Line Dancing at the Buckshot Saloon | *Offsite*

Tuesday, May 19

8:00 - 8:30 a.m.	Morning Highlight Talk | *Grand Ballroom A, B & C*
8:00 a.m. - 5:00 p.m.	Registration (Closed for lunch from 12:00 - 1:00 p.m.) | *Level 1 Pre-Function*
8:40 - 10:10 a.m.	Concurrent Technical Session IV
10:10 - 10:40 a.m.	Daily Student & Young Professional Networking Break | *Exhibit Hall*
10:10 - 10:40 a.m.	Networking break in Exhibit Hall | *Exhibit Hall*
10:40 a.m. - 12:10 p.m.	Concurrent Technical Session V
12:10 - 1:30 p.m.	Buffet lunch in Exhibit Hall* | *Exhibit Hall*
1:30 - 3:00 p.m.	Concurrent Technical Session VI
3:00 - 5:00 p.m.	Speaker Ready Room Open | *Leeward Boardroom*
3:00 - 3:30 p.m.	Networking break in Exhibit Hall | *Exhibit Hall*
3:30 - 5:00 p.m.	Concurrent Technical Session VII
5:00 - 6:30 p.m.	Poster Display Session in Exhibit Hall | *Exhibit Hall*
6:00 - 7:30 p.m.	COPRI Town Hall Meeting (open meeting) | *Galleon I*
6:00 - 9:00 p.m.	Bryan Museum Outing | *Offsite*
6:30 - 8:30 p.m.	Exhibitor Move-out | *Exhibit Hall*

Wednesday, May 20

8:00 - 8:30 a.m.	Morning Highlight Talk | *Grand Ballroom A, B & C*
8:00 a.m. - 12:00 p.m.	Registration (Closed for lunch from 12:00 - 1:00 p.m.) | *Level 1 Pre-Function*
8:40 - 10:10 a.m.	Concurrent Technical SessionVIII
10:00 a.m. - 12::00 p.m.	Speaker Ready Room Open (for Thursday Speakers), *Leeward Boardroom*
10:10 - 10:40 a.m.	Refreshment break | *Level 1 Pre-Function*
10:40 a.m. - 12:10 p.m.	Concurrent Technical Session IX
12:10 - 12:30 p.m.	Box lunch pick-up (for tour participants) | *See below for individual tours*
12:30 - 3:30 p.m.	Technical Tour: Coastal Texas Project* | *Meet in Galleon I for box lunch pick-up*

12:30 - 4:30 p.m.	Technical Tour: Galveston Island's - Civil & Coastal Engineering History Tour* | *Meet in Yacht for box lunch pick-up*
12:30 - 5:30 p.m.	Technical Tour: The Brazos River Delta Shorelines: A Complex Deltaic-Barrier Island System* | *Meet in Galleon II for box lunch pick-up*
12:30 - 6:30 p.m.	Technical Tour: Houston Ship Channel and Port Houston Boat Tour* | *Meet in Galleon III for box lunch pick-up*
6:00 - 8:00 p.m.	ICCE Younger Member Social | *Hilton Hotel - Poolside*

Thursday, May 21

8:00 - 8:30 a.m.	Morning Highlight Talk | *Grand Ballroom A, B & C*
8:00 a.m. - 3:00 p.m.	Registration (Closed for lunch from 12:00 - 1:00 p.m.) | *Level 1 Pre-Function*
8:40 - 10:10 a.m.	Concurrent Technical Session X
10:10 - 10:40 a.m.	Daily Student & Young Professional Networking Break | *Exhibit Hall*
10:10 - 10:40 a.m.	Refreshment break | *Exhibit Hall*
10:40 a.m. - 12:10 p.m.	Concurrent Technical Session XI
12:00 - 1:30 p.m.	Student and Younger Member Networking Lunch – Coordinated by Taylor Engineering | *Grand Ballroom C*
12:10 - 1:30 p.m.	Buffet lunch* | *Exhibit Hall*
1:30 - 3:00 p.m.	Concurrent Technical Session XII
3:00 - 5:00 p.m.	Speaker Ready Room Open | *Leeward Boardroom*
3:00 - 3:30 p.m.	Refreshment break | *Exhibit Hall*
3:30 - 5:00 p.m.	Concurrent Technical Session XIII
5:15 - 6:00 p.m.	Inaugural COPRI Coastal Engineering Research Council (CERC) Young Professionals Meeting | *Galleon I*
7:00 - 10:00 p.m.	ICCE 2026 Gala* | *Grand Ballroom A, B & C*

Friday, May 22

7:00 - 8:00 a.m.	Volunteer & Helper Breakfast, *Grand Ballroom A, B & C*
8:00 - 8:30 a.m.	Morning Highlight Talk | *Grand Ballroom A, B & C*
8:00 a.m. - 3:00 p.m.	Registration (Closed for lunch from 12:00 - 1:00 p.m.) | *Level 1 Pre-Function*
8:40 - 10:10 a.m.	Concurrent Technical Session XIV
10:10 - 10:40 a.m.	Daily Student & Young Professional Networking Break | *Exhibit Hall*
10:10 - 10:40 a.m.	Refreshment break | *Exhibit Hall*
10:40 a.m. - 12:10 p.m.	Concurrent Technical Session XV
12:10 - 1:30 p.m.	Buffet lunch* | *Exhibit Hall*
12:30 - 1:00 p.m.	Special Plenary Session | *Grand Ballroom A, B & C*
1:30 - 3:00 p.m.	Concurrent Technical Session XVI
3:00 - 3:30 p.m.	Refreshment break | *Exhibit Hall*
3:30 - 5:00 p.m.	Concurrent Technical Session XVII

**Denotes a ticked event*

ASCE-COPRI Staff

Director, COPRI
Dustin Young, MBA, M.ASCE

Senior Conference Manager
Mark Gable, M.ASCE

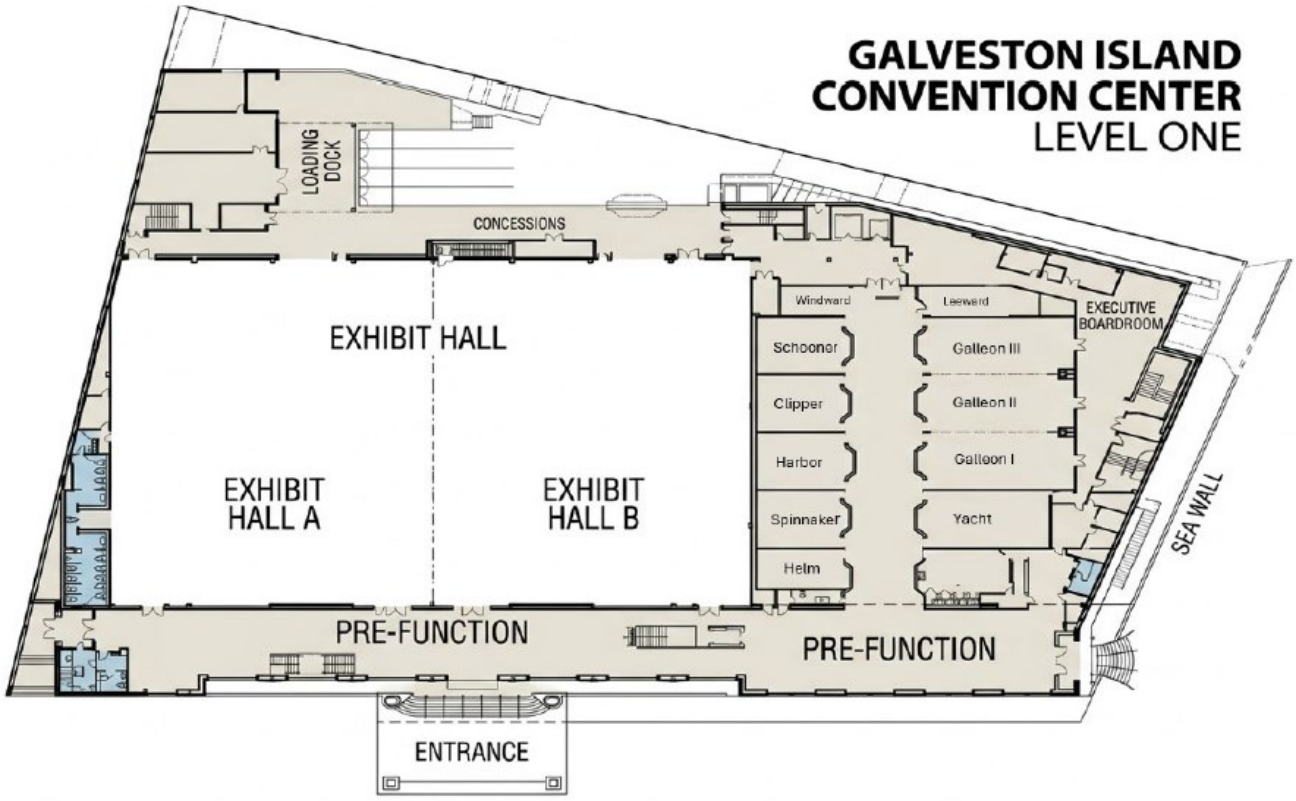
Senior Manager
Jenn Jacyna, M.ASCE

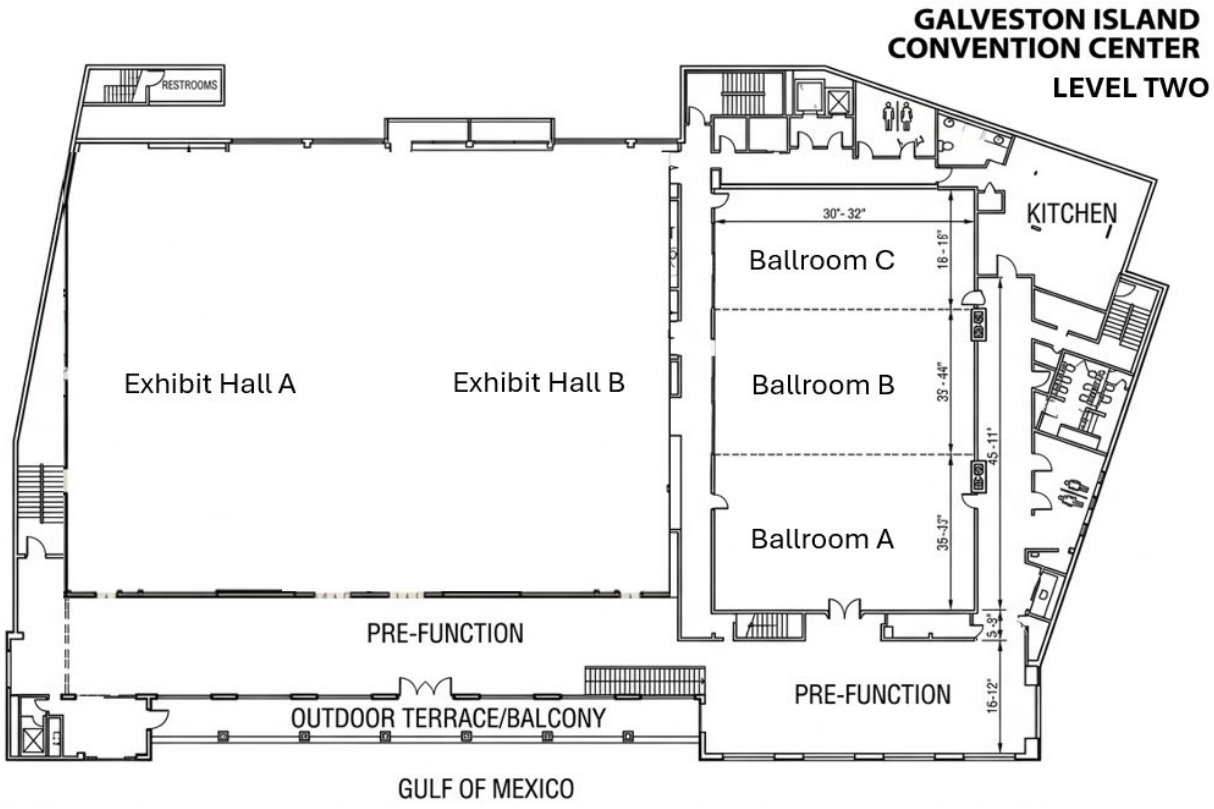
Manager, Technical Programs
Brandy Adams, PMP, M.ASCE

Senior Coordinator
Adrienne Yeh, M.ASCE

Sponsorship Sales Manager
Sean Scully, M.ASCE

ASCE Registrars
Morgan Ely Sherer, M.ASCE
Gillian Clark, M.ASCE


GALVESTON ISLAND
CONVENTION CENTER
LEVEL ONE
LOADING DOCK
CONCESSIONS
EXHIBIT HALL
EXHIBIT HALL A
EXHIBIT HALL B
Windward
Leeward
EXECUTIVE BOARDROOM
Schooner
Galleon III
Clipper
Galleon II
Harbor
Galleon I
Spinnaker
Yacht
Helm
SEA WALL
PRE-FUNCTION
PRE-FUNCTION
ENTRANCE


GALVESTON ISLAND
CONVENTION CENTER
LEVEL TWO
RESTROOMS
KITCHEN
30'- 32"
Ballroom C
18 - 18"
Exhibit Hall A
Exhibit Hall B
Ballroom B
35' - 44"
45 - 11"
Ballroom A
35 - 37"
PRE-FUNCTION
PRE-FUNCTION
OUTDOOR TERRACE/BALCONY
16-12"
GULF OF MEXICO

International Conference on Coastal Engineering

Conference App Download Instructions

https://cdmcd.co/PnJQqw

1.) Follow URL link or QR code and search for the ASCE Events App.

2.) Install and Open the Event App.

3.) Find the Event in the Upcoming Events (bottom row)

4.) Tap the Event Icon to Launch the Event App

5.) Create a Profile / Log In to your Profile

6.) You can Create a Personal Schedule by Tapping on the Star Next to the Presentation Titles.

Sponsored by:

TETRA TECH

Sunday | May 17

Welcome Reception *(ticketed event)*
5:00 - 7:00 p.m. | Exhibit Hall

Whether it's "welcome back" or "it's a pleasure to meet you", we are thrilled to see you in Galveston! We hope you can join us for the welcome reception and take the opportunity to reunite with old friends or create new memories.

Monday | May 18

Monday Opening Keynote
9:00 a.m. - 9:45 a.m. | Grand Ballroom A, B & C

Jane McKee Smith, P.E., Ph.D.
University of Florida | US Engineer Research and Development Center (ERDC), Coastal and Hydraulics Laboratory

"The Audacity of Coastal Engineering and Optimism for the Future"

Galveston was destroyed by a 1900 hurricane. It is a prime example, one of many, of how coastal engineering has deployed audacious solutions to coastal disasters. These past solutions focused on attempting to control and defy nature. Ideally, solutions proceed and prevent disasters, but in reality, disasters provide the opportunity to embrace problems, advance understanding, and deploy solutions. Often, these solutions of the past also create the problems of the future. Problems serve as a conduit to progress that yield new solutions and opportunities. Coastal Engineering as a field is relatively young and not well publicized, but its evolution has been rapid.

This growth has been accelerated by computational advances, measurement innovation, and interdisciplinary collaboration. Major advances have been made in understanding coastal hazards and risk. Communities are becoming an integral partner in developing solutions. Nature-based solutions are providing more diverse benefits. Data, once highly limited in space and time, has become ubiquitous with new measurement methods and coverage. Artificial intelligence opens new possibilities in education, analysis, and innovation. As coastal engineers continue to expand adaptable, resilient, and sustainable solutions in a nonstationary world, there is room for optimism and continued audacious innovation.

Daily Student & Young Professional Networking Break
10:10 - 10:40 a.m. | Exhibit Hall

This daily networking break will bring together established professionals for a speed networking session with students and young professionals. Monday's theme is industry/consulting.

Party & Line Dancing at the Buckshot Saloon
7:00 - 9:00 p.m. | Buckshot Saloon

409 Market Street, Galveston, TX, 77550 | 3.6 miles from the Galveston Island Convention Center
(409) 210-2825
(Your badge is your ticket, complementary shuttle services from the Convention Center will be available.)

Are you looking to embrace the true spirit of Galveston, Texas? Pack your boots and hat and get ready to line dance, two-step and saddle up, because we have rented the entire Buckshot Saloon for a private event. There will be line dancing, country music, mechanical bull riding, drink specials, snacks and so much more! We look forward to welcoming you to Texas with a great big "Howdy, Ya'll!"

Tuesday | May 19

Morning Highlight Talk: ***"Calculated Risk: Resilience in our Community"***
8:00 - 8:30 a.m. | Grand Ballroom A, B & C

Lauren Schmied
Senior Coastal Engineer, Baird & Associates

Risk is often defined as the product of hazard, exposure, and vulnerability. However, these are difficult concepts to understand, even within the engineering community. To an individual or community, risk is felt as the difference between what protects us and what we cannot predict. As our understanding of hazards, policy, technology, and the workforce undergo high rates of change, the coastal engineering community is reacting to rapid shifts in how to assess risk, both for the communities we serve, and within our own community. We will examine how these compounding variables influence our calculation of risk and redefine what it means to truly adapt.

Daily Student & Young Professional Networking Break

10:10 - 10:40 a.m. | Exhibit Hall

This daily networking break will bring together established professionals for a speed networking session with students and young professionals. Tuesday's theme is academia.

Bryan Museum Outing

6:00 - 9:00 p.m. | Bryan Museum

1315 21st Street, Galveston, TX, 77550 | 3.3 miles from the Galveston Island Convention Center (Your badge is your ticket, complementary shuttle services from the Convention Center will be available.)

Experience the epic story of Texas and the American West! The Bryan Museum, located in the 1895 Galveston Orphans Home, houses one of the world's largest collections of historical artifacts, documents, and artwork relating to Texas and the American West. The collection spans more than 12,000 years, with pieces ranging from ancient Native American cultural artifacts to twenty-first-century objects. The adventure of history comes alive at The Bryan Museum.

When you're finished touring the museum, join us under the tent for cocktails & hors d'oeuvres and an amazing evening of mingling under the Texas night sky.

Wednesday | May 20

Morning Highlight Talk *"Remembering the Greats: In Memoriam - Robert M. Sorensen"*

8:00 - 8:30 a.m. | Grand Ballroom A, B & C

Jennifer Irish
Professor, Virginia Tech University

Peter Ruggiero
Professor, Oregon State University

Mark Osler
Senior Advisor for Coastal Inundation and Resilience, NOAA

This "in memoriam" honors Professor Emeritus Robert M. Sorensen (1938-2025) with a short overview of his career and impact, followed by a few personal stories from former students that reflect on his mentorship and lasting influence.

Technical Tour: The Brazos River Delta Shorelines: A Complex Deltaic-Barrier Island System

12:30 - 5:30 p.m. | *Box lunch pick-up in Galleon II at 12:10*

The Brazos River Delta is complex and is a good example of how deltas and coastal estuaries and connected barrier island systems change. This field trip will present how each geologic-geomorphic system has its signature through their origin, evolution, dynamics, human integration, disaster impacts, navigation, severe beach erosion, habitat restoration, and storm protection systems interacting with each other. We will visit Gulf and Delta shorelines, paleo deltas, transitional deltas, navigation channels, deltaic beaches and dunes, and a dynamic inlet.

The field trip is intended to show how public and private infrastructure are adapting to the precedent geology and fast coastal changes, and how communities and stakeholders are responding to recurrent coastal hazards.

Technical Tour: Coastal Texas Project

12:30 - 3:30 p.m. | *Box lunch pick-up in Galleon I at 12:10*

Along the Texas coast, vital resources critical to the social, economic, and environmental welfare of the nation are at risk. When coastal storms damage homes, businesses, industry, infrastructure, and the natural environments of the Texas coast, the immediate fallout, and the continued aftermath, affects not only the people who live in these coastal counties, but also the entire state of Texas, and the nation as-a-whole. The Coastal Texas Project is a multipurpose undertaking that includes a combination of coastal storm risk management (CSRM) and ecosystem restoration (ER) measures that function as a system of systems utilizing a "multiple lines- of-defense" strategy to reduce the risk of coastal storm surge damages to our coastal communities and vitally important industries, while restoring degraded coastal ecosystems to improve our natural defenses. Focused on redundancy and robustness, the project provides increased resiliency along the Texas coast and is adaptable to future conditions - including the threat of sea level rise and severe coastal erosion.

The tour will cover a wide variety of topics including: Mega infrastructure (design, construction, & operations); balancing performance, cost, social acceptance, environmental impacts; storm surge, sea level rise, and coastal erosion; and public engagement.

Technical Tour: Galveston Island's - Civil & Coastal Engineering History Tour

12:30 - 4:30 p.m. | *Box lunch pick-up in Yacht at 12:10*

The civil engineering history of Galveston Island began with the construction of its jetties, which are the longest in the world, as it should be, it's Texas. The construction of the Galveston Seawall was a monumental project that transformed the island's defense against tropical cyclones. The seawall was built after the 1900 Galveston hurricane, which resulted in the greatest natural disaster in U.S. history in terms of life loss. This also resulted in a locally funded grade raising project, which required the construction of temporary canals and the lifting of structures, which was completed in phases between 1904 and 1910. The project involved the use of innovative materials and methods, including the dredging of sand from the Gulf of Mexico and Galveston Bay and the use of jackscrews and cribbing to raise buildings. The grade raising was a monumental feat of engineering, requiring the cooperation of city officials and the community to manage the intricate processes of raising and filling the proposed areas and replacing all the municipal infrastructure.

The tour will cover a wide variety of topics including: Galveston's pirate history; the Galveston jetties; the Galveston reading of the Emancipation Proclamation establishing Juneteenth; the Galveston hurricane of 1900; the Galveston seawall; the history of the Galveston city grade raising; the rock groin fields; and beach nourishment.

Technical Tour: Houston Ship Channel and Port Houston Boat Tour

12:30 - 6:30 p.m. | *Box lunch pick-up in Galleon III at 12:10*

PORT HOUSTON

Port Houston owns and operates eight public terminals along the 52-mile Houston Ship Channel, supporting the nation's No. 1 port for waterborne tonnage and No. 5 for container traffic. The port drives over three million U.S. jobs, generates $906 billion in economic impact, and produces nearly $63 billion in annual tax revenue.

As the local sponsor of the Houston Ship Channel, Port Houston—working with the U.S. Army Corps of Engineers, Galveston District—is advancing the channel's expansion through Project 11. This major improvement widens and deepens key channel segments to improve safety and efficiency while incorporating environmental enhancements, including the creation of bird islands, intertidal marsh, and oyster reefs. A narrated boat tour highlights these improvements, departing from the San Jacinto Battleground State Historic Site and passing through the Barbours Cut Terminal.

ICCE Younger Member Social

6:00 - 8:00 p.m. | Hilton Hotel - Poolside

Come join other younger members to network and enjoy the Galveston sun in an informal setting hosted by the Coasts, Oceans, Ports, and Rivers Institute (COPRI) of ASCE!

- ASBPA - American Shore and Beach Preservation Association
- PIANC - The World Association for Waterborne Transport Infrastructure
- WICGE - Women in Coastal Geoscience and Engineering
- And more...

Drinks and light snacks will be provided. We look forward to seeing you there!

Thursday | May 21

Morning Highlight Talk: ***"Below the Waterline: Chronic Flood Risk on Rural Roads and Impacts to community livability"***

8:00 - 8:30 a.m. | Grand Ballroom A, B & C

Ryan McCune
Ph.D. Student, North Carolina State University

Sea-level rise (SLR) is driving increasingly frequent chronic flooding in coastal communities, disrupting transportation, damaging infrastructure, and affecting public health. While these floods already impact daily life, tools for evaluating potential mitigation strategies remain limited. This study introduces a framework that integrates community input with coupled hydrodynamic modeling to assess the effectiveness of different interventions for reducing multi-driver coastal flooding under present and future sea levels.

This work focuses on Down East, a rural, unincorporated area of Carteret County, North Carolina, U.S.A. where frequent, SLR-driven flooding is a persistent challenge. For example, a sensor installed in Sea Level, NC, recorded 122 flood days from May 2023 to April 2024. To model flooding, the study couples ADCIRC, which simulates large-scale drivers like tides, wind, and SLR, with SFINCS, which captures local-scale dynamics such as rainfall and drainage. Model validation was conducted using in-situ water level sensors and flood extent imagery, as well as hindcasts of historical events.

Community engagement is central to the framework. Between June 2024 and June 2025, we conducted 27 interviews with 36 residents, mapping critical community locations and discussing adaptation behaviors and potential flood mitigation strategies. Options such as ditch clearing, ditch deepening, and roadway elevation are being tested in the coupled model. Effectiveness is

evaluated based on changes in flood frequency, depth, duration, and roadway access to important community-identified sites. Results are shared iteratively through community meetings and online platforms to guide decision-making and strengthen understanding of how strategies align with community priorities.

Daily Student & Young Professional Networking Break
10:10 - 10:40 a.m. | Hallway location

This daily networking break will bring together established professionals for a speed networking session with students and young professionals. Thursday's theme is agencies.

Student and Younger Member Networking Lunch – Coordinated by Taylor Engineering
12:00 - 1:30 p.m. | Grand Ballroom C

Join a networking lunch intended to connect students and younger members with professionals in the coastal engineering field. The event is being coordinated by Taylor Engineering.

Inaugural COPRI Coastal Engineering Research Council (CERC) Young Professionals Meeting
5:15 - 6:00 p.m. |Room: Galleon I

Be part of history: this is the first official meeting of the CERC Young Professionals (YP) Committee, including the election of its inaugural officers! CERC is a committee within COPRI that is responsible for the technical program at ICCE. The new CERC YP Committee is an organization for early career researchers to network and advance the field of coastal engineering.

Drinks will be provided. We look forward to seeing you there!

ICCE 2026 Gala
7:00 - 10:00 p.m. |Room: Grand Ballroom

You've spent the week analyzing trends, debating strategy, and building the future. Now, it's time to step away from the technical sessions and and into the spotlight of the ICCE 2026 Gala.

We are thrilled to invite you to the ICCE 2026 Gala - an evening of high-octane celebration, culinary excellence, and unmatched atmosphere with live dancing and a live band.

Friday | May 22

Morning Highlight Talk: ***"Broad-scale Assessments of Sea-Level Rise and the Future of Coastal Engineering"***
8:00 - 8:30 a.m. | Grand Ballroom A, B & C

Robert Nicholls
Professor of Climate Change Research, University of East Anglia / University of Southampton

Climate-induced sea-level rise emerged as an issue in the late 1980s and has been a key issue in climate change discussions ever since. This includes consideration of global perspectives on exposure and risks and how to adapt to these changes. In this talk, I will briefly review the state-of-the-art in these assessments and the implications for the future of coastal engineering. This will include consideration of responses around advance (or reclamation), coastal protection, structural accommodation and retreat options, as well as implications for informatic and working with nature options.

Daily Student & Young Professional Networking Break
10:10 - 10:40 a.m. | Hallway location

This daily networking break will bring together established professionals for a speed networking session with students and young professionals. Friday's theme encompasses all themes.

All Week

Share Your Photos With Us!

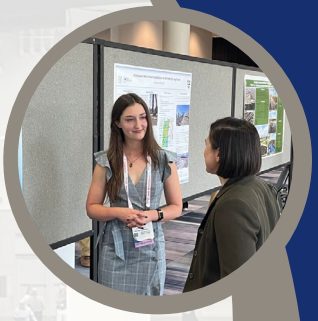
Capture and share your favorite ICCE moments and memories in this private photo-sharing app! PhotoCircle makes it easy for you to share your pictures exclusively with our Congress attendees!

Simply scan the QR code and start sharing your favorite conference experiences!

Or download it at: join.photocircleapp.com/M45XVAEW0R

COPRI

STUDENT MEMBERSHIP



Join COPRI as a Student – for FREE!

There are two types of **student memberships** available:

- **ASCE & COPRI Student Membership**
- **COPRI-only Student Membership**

As a student member, you'll have access to exclusive opportunities like **paper and poster competitions, networking receptions**, and **special events** at COPRI conferences. If your university participates, you can also **join or start a COPRI Student Chapter**—including at the graduate level! Also, be sure to **renew annually** while you're still enrolled!

WHY JOIN?

- Volunteer and build your professional network by joining your local ASCE Student Chapter
- Access to ASCE Student Resources, like scholarships and awards
- Access to ASCE Career Connections: land your dream job after graduation
- Stay informed about COPRI news and events through our monthly newsletter
- Access to a network of professionals engaged in the sustainable development and protection of coasts, oceans, ports, waterways, and wetlands

LEARN MORE!

Monday, May 18 - Detailed Concurrent Technical Sessions

10:40 a.m. – 12:10 p.m.	Concurrent Technical Session I
Room: Galleon I 1A: Coastal Hazards and Risk - Assessment of Coastal Risks	• FRAGILITY MODELS FOR COASTAL RESIDENTIAL BUILDINGS: FROM INDIVIDUAL TO PORTFOLIO SCALE • EVALUATING COASTAL VULNERABILITY IN NORTHEASTERN FLORIDA • COMPOUND FLOOD RISK ASSESSMENT FOR MILITARY INSTALLATIONS AND SURROUNDING COMMUNITIES • FUTURE COASTAL FLOODING PROJECTIONS IN BALI CONSIDERING CLIMATE CHANGE • RELATIVE RISK ASSESSMENT OF BREAKWATER SECTIONS UNDER CLIMATE CHANGE
Room: Galleon II 1B: Coastal Hazards and Risk - Storm Surge	• MODELING SURGE HYDROGRAPHS WITH FFT & VAE FOR STORM DURATION ANALYSIS • MODELING BUILDING-AWARE OVERLAND FLOOD AND DYNAMIC COLLAPSE DURING HURRICANE IAN • INFLUENCE OF SHELF BATHYMETRY ON TOTAL WATER LEVELS ALONG THE UNITED STATES COASTLINES • A STUDY ON NUMERICAL MODELING OF SURGE OVERFLOW, WAVE OVERTOPPING, AND TRANSIENT PROCESS • HURRICANE IAN (2022) STORM SURGE AND INUNDATION, FROM REGIONAL TO LOCAL SCALES
Room: Galleon III 1C: Coastal Hydrodynamics and Morphology - Coastal Dunes	• MECHANICAL BEACH RESHAPING IMPACT ON FOREDUNES: INTERVIEWS AND MODELLING • ROOT SURROGATE MODELLING IN PROTOTYPE SCALE DUNE EROSION EXPERIMENTS • FIELD VS THEORETICAL AEOLIAN SEDIMENT TRANSPORT: THE CASE STUDY OF COSTA NOVA, PORTUGAL • RELATIVE IMPACTS OF VEGETATION AND TOPOGRAPHY ON AEOLIAN TRANPORT IN COASTAL SAND DUNES • COASTAL MORPHOLOGIC FEATURE EXTRACTION USING LIDAR DATA
Room: Yacht 1D: Coastal Hydrodynamics and Morphology - Scour	• WAVE-CURRENT INTERACTION EFFECTS ON MONOPILE SCOUR USING THREE-PHASE EULERIAN MODEL • EXPERIMENTAL STUDY ON GEOTEXTILE SAND CONTAINER AS SCOUR PROTECTION OF MONOPILE FOUNDATION • INNOVATION DESIGN IN SACRIFICIAL PILES: ENHANCING MATERIAL ACCRETION IN WAKE REGION • SCOUR MECHANISMS IN HYBRID COASTAL DEFENCE SYSTEMS WITH NATURE-BASED SOLUTIONS • BIOCEMENTATION FOR COASTAL SCOUR AND EROSION REDUCTION: A PHYSICAL MODEL STUDY
Room: Spinnaker 1E: Coastal Management and Environment - Marine Renewable Energy	• PERFORMANCE OF OCEAN TURBULENCE CLOSURE MODELS AT THREE U.S. TIDAL ENERGY SITES • SEDIMENT MOBILITY AND CABLE BURIAL IN THE U.S. ATLANTIC OCS • EXPERIMENTAL ANALYSIS OF THE PERFORMANCE OF THE SEABACUS WAVE ENERGY CONVERTER • MASS OPTIMIZATION AND MODAL COUPLING IN MULTIMODAL WAVE ENERGY CONVERTERS (MWEC) • HYDRODYNAMIC RESPONSES OF FIVE WEC BODY UNDER IRREGULAR WAVES
Room: Schooner 1F: Coastal Structures, Ports, Harbors and Waterways - Breakwaters and Overtopping	• WAVE OVERTOPPING DISCHARGES AT VERTICAL WALLS FRONTED BY SHINGLE BEACHES • CHARACTERIZATION AND MODELING OF WAVE OVERTOPPING VOLUME BASED ON LOCAL PHYSICAL VARIABLES • SHORELINE RESPONSE TO SUBMERGED BREAKWATERS VIA ML & LAB EXPERIMENTS • HYDRAULIC DESIGN GUIDELINES FOR ECOLOGICALLY ENGINEERED COASTALOCK ARMOUR UNITS • WIND EFFECTS ON OVERTOPPING AT BREAKWATERS UNDER OBLIQUE WAVE ATTACK
1:30 – 3:00 p.m.	Concurrent Technical Session II
Room: Galleon I 2A: Coastal Hazards and Risk - Assessment of Coastal Risks	• STORM DRIVERS, SEASONALITY, AND TIDES IN EXTREME COASTAL WATER LEVELS • RIP CURRENT IDENTIFICATION ABILITY USING VR-BASED GAZE DATA • EVALUATING COASTAL ADAPTATION SOLUTIONS IN CALIFORNIA THROUGH AN INTEGRATED FRAMEWORK • LONG-TERM, SEASONAL VARIATIONS OF WAVE RUN-UP MEASURED BY IMAGE-BASED MONITORING • EVALUATING CLIMATE CHANGE IMPACTS TO COASTAL HAZARDS IN ARCTIC COMMUNITIES
Room: Galleon II 2B: Coastal Hazards and Risk - Extreme Events	• BUOY NETWORK IN EXTREME TYPHOONS DETECTS THE MOMENTUM FLUX SATURATION • FORECASTING HURRICANE IMPACTS OF THE 2024 SEASON • TYPHOON-GENERATED HIGH WAVE ESTIMATION BY MICROSEISMS OBSERVATION • TSUNAMI HAZARD ASSESSMENT IN SEMI-ENCLOSED SEAS: THE SULU AND CELEBES CASES • UTILISING TSUNAMIS TO ANALYSE SEICHE IN FISHERY HARBOURS NSW AUSTRALIA
Room: Galleon III 2C: Coastal Hydrodynamics and Morphology - Coastal Dunes	• RECONCILING REDUCED COMPLEXITY VERSUS PROCESS-BASED MODELING OF LONG-TERM DUNE EVOLUTION • DUNE MORPHOLOGY ON MANAGED COASTS: DIFFERENCES BETWEEN GRADED AND NON-GRADED DUNES • ARTIFICIAL DUNE BLOWOUTS AND FLOOD SAFETY UNDER EXTREME STORM CONDITIONS • PREDICTING IKE DIKE DUNE EROSION IN STORMS WITH AN ANALTICAL MODEL • A NEW MODEL FOR CALIFORNIA DUNE CHANGE
Room: Yacht 2D: Coastal Hydrodynamics and Morphology - Scour	• EXPERIMENTAL AND NUMERICAL MODELLING OF TSUNAMI-INDUCED LOCAL SCOUR AROUND WALLS • LARGE-SCALE EXPERIMENTS OF RANDOM WAVE-INDUCED SCOUR AND PORE PRESSURE DYNAMICS • LARGE-EDDY SIMULATION OF TSUNAMI-LIKE WAVES AND SCOUR AROUND A SQUARE PILE • COASTAL ANALYSES FOR A NEW BRIDGE AND CAUSEWAY NEAR MOBILE, ALABAMA, USA • TRANSIENT MAXIMUM SCOUR BEHIND SEAWALLS: MOISTURE-DEPENDENT DESIGN IMPLICATIONS
Room: Spinnaker 2E: Coastal Management and Environment - Nature-Based Solutions	• EFFECT OF SUBMERGED VEGETATION ON REDUCING WAVE OVERTOPPING • DESIGN AND PERFORMANCE MONITORING OF A LIVING SHORELINE PROJECT IN COASTAL LOUISIANA • ASSESSING CANADA'S FIRST SAND ENGINE THROUGH NUMERICAL MODELLING • IMPROVING RESILIENCE IN PENSACOLA BAY THROUGH NATURE-BASED SOLUTIONS AND BENEFICIAL USE • MANGROVE RESPONSE TO EXTREME EVENTS GUIDES RESTORATION DESIGN
Room: Schooner 2F: Coastal Structures, Ports, Harbors and Waterways - Breakwaters	• FINITE ELEMENT ANALYSIS OF CUBILOK™ CONCRETE ARMOUR UNITS • REPAIR AND REHABILITATION OF CUBE-ARMORED MOUND BREAKWATERS • POST-OVERTOPPING FLOWS ON VERTICAL BREAKWATERS WITH RETREATED WALLS • PERMEABILITY EFFECTS ON OVERTOPPING PERFORMANCE OF ROCK ARMOUR SLOPES • THE RELEVANT WAVE PERIOD FOR ROCK ARMOUR STABILITY

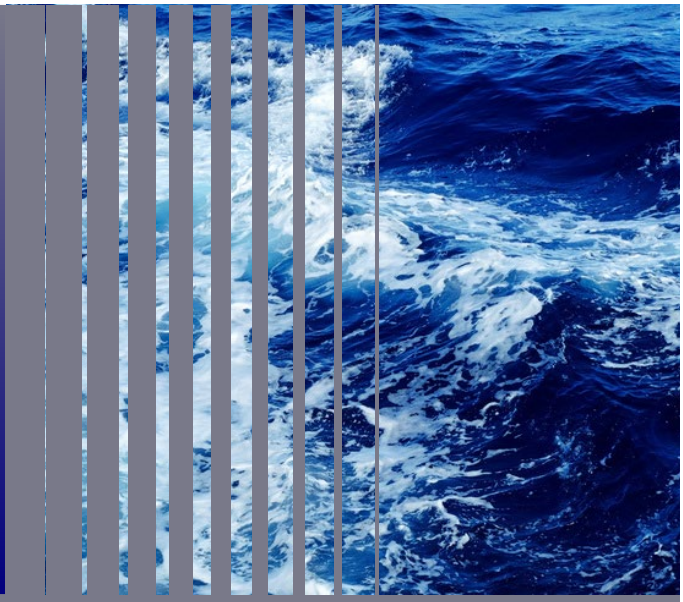
3:30 – 5:00 p.m.	Concurrent Technical Session III
Room: Galleon I 3A: Coastal Hazards and Risk - Assessment of Coastal Risks	• A COASTWIDE RISK REDUCTION HINDCAST FOR LOUISIANA: 2005 TO PRESENT • QUANTIFYING LOCAL AND REMOTE HURRICANE IMPACTS ON GULF COAST HAZARDS VIRTUAL DAMAGE • VIRTUAL DAMAGE ASSESSMENT & FIRST-FLOOR ELEVATION ESTIMATION, APPLIED TO HURRICANE HELENE • MODELLING FUTURE COASTAL FLOODING CONSIDERING MORPHOLOGICAL EVOLUTION IN NORTHERN FRANCE • PHYSICS-INFORMED AI MODELING FRAMEWORK FOR HURRICANE RISK IN NATURAL-BUILT SYSTEMS
Room: Galleon II 3B: Coastal Hazards and Risk - Storm Surge	• TOWARD RAPID, LARGE-SCALE SPATIOTEMPORAL ASSESSMENT OF TROPICAL CYCLONE STORM SURGE • INTEGRATING MARSH MIGRATION AND HYDRODYNAMICS WITH AI-DRIVEN FFE FOR FLOOD DAMAGE ANALYSIS • MODELING REVERSE SURGE EFFECTS FOR FLOODGATE DESIGN: A CASE STUDY IN UPPER BARATARIA, LA • ADAPTIVE MULTI-FIDELITY MONTE CARLO FOR REAL-TIME PROBABILSITIC STORM SURGE PREDICTIONS • PROBABILISTIC ASSESSMENT OF RELATIVE SEA LEVEL RISE IMPACTS ON STORM SURGE FLOODING
Room: Galleon III 3C: Coastal Hydrodynamics and Morphology - Coastal Erosion	• CAN UAV-MOUNTED GREEN LIDAR ACHIEVE SUPER-HIGH-RESOLUTION DETECTION OF CORAL REEF CHANGE? • THE IMPACT OF SHELL HASH CONTENT ON SEDIMENT ERODIBILITY • WIND-BLOWN SAND BEHAVIOR NEAR THE SHORELINE UNDER THE INFLUENCE OF MOISTURE • CLIMATE DRIVERS OF INTERANNUAL TO DECADAL SCALE COASTAL CHANGE IN THE US PACIFIC NORTHWEST SHORELINE • SHORELINE STABILIZATION AND HARBOR UPGRADES, TWO RIVERS, LAKE MICHIGAN
Room: Yacht 3D: Coastal Hydrodynamics and Morphology - Sediment Transport Processes	• IMPACT OF WAVE-CURRENT INTERACTION ON LONGSHORE GRAVEL TRANSPORT • 3D NUMERICAL SEDIMENTATION MODELING: MISSISSIPPI RIVER HARBOR CASE STUDY • HYDRODYNAMICS AND DREDGEATE TRANSPORT AT A FRASER DELTA MUD ENGINE • OPTICAL ANALYSIS AND MODEL VALIDATION OF SEDIMENT-LADEN DAM-BREAK FLOW • PARTICLE PICKUP IN WAVE-SWASH INTERACTIONS
Room: Spinnaker 3E: Coastal Management and Environment - Nature-Based Solutions	• SAND ENGINE IMPLEMENTATION IN THE MISSISSIPPI RIVER DELTA: A NUMERICAL VIABILITY ANALYSIS • WAVE ATTENUATION BY CONCRETE-BASED OYSTER MAT • BANK PROTECTION IN GERMAN ESTUARINE WATERWAYS • A NUMERICAL STUDY OF WAVE-CURRENT-VEGETATION INTERACTION IN A WAVE FLUME • DOES WAVE ATTENUATION BY MANGROVES VARY WITH LIFE STAGE? FIELD OBSERVATIONS FROM TC ALFRED
Room: Schooner 3F: Coastal Structures, Ports, Harbors and Waterways - Breakwaters	• PROBABILISTIC MODEL TO EVALUATE ROCKING BREAKAGE OF SINGLE-LAYER CONCRETE ARMOUR UNITS • OPTIMIZATION AND INNOVATIVE CONSTRUCTION OF CUBIPOD BREAKWATERS: MOROCCAN CASE STUDIES • LIFECYCLE ASSESSMENT OF RUBBLE-MOUND BREAKWATERS: PROCESS-BASED VERSUS EMPIRICAL MODELS • IMPACT OF CROWNWALL SHAPE ON WAVE FORCES AND OVERTOPPING AT VERTICAL BREAKWATER; • MOORING EFFECTS ON FLOATING BREAKWATER DYNAMICS UNDER BREAKING WAVES

Tuesday, May 19 - Detailed Concurrent Technical Sessions

8:40 – 10:10 a.m.	Concurrent Technical Session IV
Room: Galleon I 4A: Coastal Hazards and Risk - Assessment of Coastal Risks	• HAZARD ASSESSMENT OF A SEAWALL UNDER SEA LEVEL RISE • FIELD OBSERVATIONS OF COASTAL DRIFTWOOD DYNAMICS IN THE ARCTIC • COASTAL HAZARD EVALUATION FOR THE WRECKS OF HMS EREBUS AND HMS TERROR • ASSESSING COASTAL FLOOD RISK AND ADAPTATION UNDER MULTIPLE CLIMATE SCENARIOS IN SANTA CRUZ • MODEL-TO-DATA VALIDATION OF FLOOD DAMAGE MODELS FOR BUILDINGS IN COASTAL REGIONS
Room: Galleon II 4B: Coastal Hazards and Risk - Storm Surge	• REAL TIME STORM SURGE MODEL GUIDANCE WITH NATIONAL IMPACT • SCALABLE GRAPH-BASED SURROGATE MODELING FOR REGIONAL STORM SURGE HAZARD ESTIMATION • CLASSES OF HURRICANE SURGE HYDROGRAPHS • PROPAGATION AND STORM SURGE SIMULATION OF TROPICAL CYCLONE KIARR IN THE ARABIAN SEA • APPLICATION OF BI-LSTM TO HINDCAST AND REAL-TIME STORM SURGE PREDICTION IN OSAKA BAY
Room: Galleon III 4C: Coastal Hydrodynamics and Morphology - Coastal Erosion	• HYBRID DUNE EROSION DURING DIFFERENT STORM CONDITIONS • COASTAL BLUFF RECESSION BY RANDOM WAVES AND VARYING STORM SURGE • OBSERVING ALONGSHORE-VARYING WAVE-BY-WAVE CHANGES TO A BEACH-DUNE SYSTEM DURING STORMS • QUANTIFYING SEDIMENT TRANSPORT FROM LOCALIZED BEACH NOURISHMENTS IN IDEALIZED WAVES • THE WAVEFRONT SHIFT METHOD: A NEW APPROACH FOR PREDICTING STATIC EQUILIBRIUM PROFILES
Room: Yacht 4D: Coastal Hydrodynamics and Morphology - Sediment and Nearshore Processes	• RELATING BEACHFACE AND FOREDUNE VOLUME CHANGE THROUGH CROSS-SHORE PROFILE ANALYSIS • PARTICLE IMAGE VELOCIMETRY MEASUREMENTS OF WAVE BREAKING IN THE NEARSHORE • LARGE-EDDY SIMULATION OF WAVE-DRIVEN RIPPLE EVOLUTION AND BENTHIC FLUX • SHEAR STRESS AND SEDIMENT TRANSPORT AT A WATER INLET IN REEFS • HYDRODYNAMIC AND SHORELINE RESPONSES TO HYBRID REEFS: INSIGHTS FROM WAVE-BASIN TESTING
Room: Spinnaker 4E: Coastal Management and Environment - Nature-Based Solutions	• MORPHOLOGIC EVOLUTION OF DUNES IN RESPONSE TO SUCCESSIVE HURRICANES IN SOUTHWEST FLORIDA • UNIQUE CHALLENGES FROM LARGE SCALE ECOSYSTEM RESTORATION • LABORATORY OBSERVATIONS OF FREQUENCY DEPENDENT WAVE DISSIPATION BY EMERGENT VEGETATION • NATURE-BASED DYNAMIC REVETMENT FOR SHORELINE EROSION MITIGATION • SPATIAL DISTRIBUTION AND HABITAT POTENTIAL OF ARTIFICIAL COASTAL STRUCTURES IN OSAKA BAY
Room: Schooner 4F: Coastal Structures, Ports, Harbors and Waterways - Breakwaters	• EFFECT OF SEA LEVEL RISE ON THE RELIABILITY OF GREEN-GRAY COASTAL INFRASTRUCTURE • LONG-TERM SETTLEMENT BEHAVIOR OF BAMBOO PILE FOUNDATION FOR BREAKWATER IN SOFT SOILS • WAVE ATTENUATION OF A NOVEL PILE-RESTRAINED []-SHAPED POROUS FLOATING BREAKWATER • THE INFLUENCE OF STORM DURATION ON DAMAGE DEVELOPMENT AT ROCK SLOPES IN SHALLOW WATER • CLIMATE PROOFING A COASTAL STRUCTURE:DESIGN OF A COMPOSITE BREAKWATER IN A MACRO-TIDAL BAY
10:40 a.m. – 12:10 p.m.	Concurrent Technical Session V
Room: Galleon I 5A: Coastal Hazards and Risk - Assessment of Coastal Risks	• STORYLINE EVALUATION OF FLOOD AND ECONOMIC LOSS WITH TYPHOON INTENSITY CHANGE IN TOKYO BAY • ADVANCING COASTAL HAZARD MODELING THROUGH MODERN CLOUD-BASED WORKFLOWS • PROBABILISTIC ASSESSMENT OF COASTAL HAZARDS AT A NUCLEAR POWER STATION • MULTIVARIATE MULTI-HAZARD TROPICAL CYCLONE MODEL CONSIDERING INTENSITY PEAK OCCURRENCES • MAKING ROBUST DESIGN DECISIONS AMID FUTURE UNCERTAINTIES APPLIED IN COASTAL PROTECTION
Room: Galleon II 5B: Coastal Hazards and Risk - Tsunami	• UPLIFT PRESSURES BENEATH ELEVATED STRUCTURES CAUSED BY LARGE-SCALE BROKEN SOLITARY WAVES • INVESTIGATION OF SUBMARINE LANDSLIDE TSUNAMI IN STRATIFIED SEDIMENTS ON GENTLE SLOPES • NUMERICAL MODELLING OF LANDSLIDE-GENERATED TSUNAMIS: A 3D-2D COUPLING • TSUNAMI-INDUCED DEBRIS DAMMING IN COASTAL FORESTS: AMPLIFIED IMPACTS ON SEAWARD STRUCTURES • SUBGRID MODELING OF URBAN TSUNAMI INUNDATION - CASE OF 2024 NOTO PENINSULA EARTHQUAKE
Room: Galleon III 5C: Coastal Hydrodynamics and Morphology - Composite Beaches and Dynamic Revetments	• GRAVEL AND SAND PROCESSES ON DYNAMIC COBBLE BERM REVETMENTS: SCALED LABORATORY EXPERIMENTS • PREDICTING WAVE RUNUP ON HIGH ENERGY COMPOSITE BEACHES • THE INFLUENCE OF COBBLE VOLUME ON DYNAMIC COBBLE BERM REVETMENT PERFORMANCE • GROUNDWATER MONITORING IN A MAN-MADE GRAVEL BERM WITH SEDIMENT LAYERS • EVALUATING DYNAMIC COBBLE REVETMENTS FOR STABILIZING HIGH WAVE-ENERGY ERODING COASTS
Room: Yacht 5D: Coastal Hydrodynamics and Morphology - Sediment Transport Processes	• SWASH ZONE HYDRODYNAMICS OF SOLITARY WAVE ON HIGHLY PERMEABLE CORAL GRAVEL BEACH • EXPERIMENTAL STUDY OF SEDIMENT RESUSPENSION IN SUBMERGED VEGETATION • COMPARATIVE EVALUATION OF SEDIMENT TRANSPORT FORMULATION IN THE XBEACH MODEL • PROCESS-BASED MORPHODYNAMIC MODEL WITH TIME-DEPENDENT DAM OPERATIONS AT DESCHUTES ESTUARY • DECADAL EVOLUTION AND COASTAL INFLUENCE OF NEW PASS EBB-TIDAL DELTA, FLORIDA GULF COAST
Room: Spinnaker 5E: Coastal Management and Environment - Nature-Based Solutions	• DEVELOPMENT OF A BEACH MANAGEMENT PLAN FOR THE NORTH SHORE OF OAHU • INTEGRATING SURFACE-SUBSURFACE FLOODING TO GUIDE NATURE-BASED SOLUTIONS FOR COASTAL CITIES • TURNING THE TIDE: FLOATING NESTING HABITATS FOR BIRDS IN A CHANGING COASTAL ENVIRONMENT • NEW APPROACH AND TOOL TO ESTIMATE WAVE HEIGHT ATTENUATION PROVIDED BY MANGROVE FORESTS • NUMBERS MATTER: A QUANTITATIVE ASSESSMENT OF LIVING SHORELINES DEPLOYED IN BOGUE SOUND, NC
Room: Schooner 5F: Coastal Structures, Ports, Harbors and Waterways - Coastal Defense Systems	• UNCERTAINTIES OF WAVE OVERTOPPING ON COMPOSITE VERTICAL BREAKWATERS • EFFECT OF REEF STRUCTURES ON WAVE BREAKING AND OVERTURNING PARAMETERS • REVETMENT UPGRADE FOR CYCLONE RESILIENCE USING CUBIPOD IN SINGLE LAYER • ADAPTIVE DESIGN AND RESILIENCE OF THE CHARLESTON LOWBATTERY SEAWALL • MULTI-PHASE MULTI-RESOLUTION SPH MODELLING OF SPRAY-DOMINATED OVERTOPPING WITH AERATION

1:30 – 3:00 p.m.	Concurrent Technical Session VI
Room: Galleon I 6A: Coastal Hazards and Risk - Assessment of Coastal Risks	• FLOOD HAZARD IN EXTREME TIDAL SETTINGS: DYNAMIC FLOOD MODELLING OF THE BAY OF FUNDY • THE NOAA CORA REANALYSIS OF COASTAL WATER LEVELS AND WAVES • SPH MODELING OF VARIABLE-DENSITY DEBRIS MOTION IN DAM-BREAK FLOWS OVER VARYING BATHYMETRY • ASSESSING EQUITABLE COASTAL RESILIENCE TO MULTI-HAZARDS UNDER CLIMATE CHANGE • VULNERABILITY MODELS FOR BUILDINGS IMPACTED BY HURRICANE SURGE/WAVES
Room: Galleon II 6B: Coastal Hazards and Risk - Tsunami	• ATMOSPHERIC TRIGGERS AND COASTAL RESPONSES GENERATING METEOTSUNAMIS IN KYUSHU, JAPAN • INVESTIGATION OF TSUNAMI INTERACTION WITH AN EMBANKMENT STRUCTURE IN RIVER CHANNEL • CHARACTERIZATION OF TSUNAMI-LIKE WAVES USING FROUDE NUMBERS • QUANTIFICATION OF TSUNAMI-DRIVEN DEBRIS DAMMING LOADS ON COASTAL STRUCTURES • EXPERIMENTAL STUDIES OF TSUNAMI DEBRIS DAMMING LOADS: COMPARISON TO ASCE7-22 DESIGN LOADS
Room: Galleon III 6C: Coastal Hydrodynamics and Morphology - Currents and Waves	• OBSERVING NEAR-SURFACE CURRENTS USING INFRARED IMAGERY • PORT OF LONG BEACH PIER WIND TERMINAL WAVE AND SHIP RESPONSE STUDY • THE DIRECTION OF AN AMBIENT CURRENT MODIFIES SHIP-INDUCED LOADS • VERTICAL STRUCTURE OF NEARSHORE EDDIES AND RIP CURRENTS IN WAVE-RESOLVING MODELS • PHASE-RESOLVED MODELING OF WAVE-INDUCED LONGSHORE CURRENTS
Room: Yacht 6D: Coastal Hydrodynamics and Morphology - Sediment Transport Processes	• NUMERICAL MODELING OF HURRICANE-DRIVEN COASTAL PROCESSES AT A FLORIDA BARRIER ISLAND • MORPHOLOGICAL RECOVERY AND DEPTH-DEPENDENT INFILLING OF A MINING PIT IN A MACROTIDAL BAY • NSBKB SHOALING REDUCTION FROM BENEFICIAL USE OF DREDGED MATERIAL • MIXED-GRAIN SAND TRANSPORT INDUCED BY TURBULENT OSCILLATORY FLOW OVER FIXED RIPPLES • A FRAMEWORK TO SIMULATE STORM SEDIMENT TRANSPORT IN A LAGRANGIAN PARTICLE TRACKING MODEL
Room: Spinnaker 6E: Coastal Management and Environment - Nature-Based Solutions	• ENGINEERING ROBUSTNESS IN SPECTRAL WAVE ATTENUATION THROUGH A MARSH • NUMERICAL MODELLING OF WAVE ATTENUATION BY BOULDERS IN LAKESHORE BLUFF • SOURCING UPLAND MATERIAL TO CONSTRUCT NATURE-BASED SOLUTIONS IN TIDAL RESTORATION PROJECTS • DEVELOPING HYBRID GREEN-GREY SOLUTIONS FOR COASTAL DEFENSE AND CORAL RESTORATION • DESIGN METHODOLOGY FOR HYBRID (GREEN-GRAY) INFRASTRUCTURE TO MITIGATE COASTAL HAZARDS
Room: Schooner 6F: Coastal Structures, Ports, Harbors and Waterways - Coastal Defense Structures	• HYDRAULIC PERFORMANCE OF CUBIPOD HOMOGENEOUS LOW CRESTED STRUCTURES • PLACEMENT GRIDS FOR CUBIPOD HOMOGENEOUS LOW CRESTED STRUCTURES • DEFINING WAVE OVERTOPPING CRITERIA FOR SINGAPORE CODE OF PRACTICE ON COASTAL PROTECTION • LESSONS LEARNED TO OPTIMISE DESIGN, MANAGEMENT AND MAINTENANCE OF STORM SURGE BARRIERS • DIGITAL TWIN APPLICATIONS IN FLOOD RISK MANAGEMENT
3:30 – 5:00 p.m.	Concurrent Technical Session VII
Room: Galleon I 7A: Coastal Hazards and Risk - Assessment of Coastal Risks	• SANDHOUND: QUADRUPED FOR COASTAL TOPOGRAPHIC & GEOTECHNICAL MAPPING • AN OPEN-SOURCE FLOOD RISK ANALYSIS NETWORK FOR CANADA: COASTAL FLOOD MODELING AT SCALE • RISK ASSESSMENT OF DUTCH DUNE AND HYBRID FLOOD DEFENCES: RESEARCH AND DEVELOPMENT NEEDS • CONVERGENCE STUDY OF LINKED STATISTICAL HYDRODYNAMIC IN LOUISIANA • A STUDY ON STORM SURGE RISK MAPPING USING TYPHOON CENTRAL PRESSURE
Room: Galleon II 7B: Coastal Hazards and Risk - Tsunami	• TRIDENT: TIDES AND RIVERS INFLUENCING THE DYNAMIC EVOLUTION OF NEARSHORE TSUNAMIS • PHYSICAL AND NUMERICAL MODELLING OF MITIGATION CANALS FOR TSUNAMIS • A PROBABILISTIC TSUNAMI HAZARD MODEL FOR THE US WEST COAST • VILANOVA I LA GELTRU, A NEW METEOTSUNAMI HOT SPOT IN THE WESTERN MEDITERRANEAN • TSUNAMI INTERACTION WITH A NUCLEAR POWER STATION: A CASE STUDY FROM JAPAN
Room: Galleon III 7C: Coastal Hydrodynamics and Morphology - Physical and Numerical Modeling	• SPH MODELING OF HYPERGRAVITY DAM-BREAK FLOWS OVER A SAND DEPOSIT • OVERTOPPING-INDUCED BREACHING IN SAND DIKES: EXPERIMENT AND MODELLING • QUANTIFYING UNCERTAINTY OF SEA STATE PREDICTION IN SPECTRUM-TO-TIME-SERIES TRANSFORMATIONS • EXPANDING THE APPLICATION OF XBEACH IN TIME AND DIRECTION: A CASE STUDY AT RACCOON ISLAND • BED SHEAR STRESS UNDER SOLITARY BREAKING WAVE
Room: Yacht 7D: Coastal Hydrodynamics and Morphology - Sediment Transport Processes	• DEPENDENCE OF LARGE RIPPLE WAVELENGTH ON WAVES, CURRENTS, DEPTH, AND GRAIN SIZE • MORPHODYNAMICS OF SAND-SILT RIPPLES IN FULL-SCALE OSCILLATORY FLOWS • GRAIN SIZE AND SORTING SHIFTS IN PROTECTED CHENIERS • MODELLING THE INFLUENCE OF COASTAL VEGETATION ON BEACH PROFILES • CFD-DEM MODELING OF PARTICLE DEPOSITION AND CRITICAL VELOCITY IN SLURRY PIPELINES
Room: Spinnaker 7E: Coastal Management and Environment - Nature-Based Solutions	• NATURE BASED SOLUTIONS ALONG THE TEXAS COAST: A REVIEW OF CURRENT AND PLANNED PROJECTS • CORPUS CHRISTI SHIP CHANNEL DEEPENING AND LESSONS LEARNED FROM BENEFICIAL USE CONSTRUCTION • RESTORING GREAT LAKES WETLANDS: AN INTEGRATED DESIGN ASSESSMENT FRAMEWORK FOR THE FUTURE • WAVE ATTENUATION OVER VEGETATION UNDER ORTHOGONAL WAVE-CURRENT CONDITIONS • WAVE-VEGETATION INTERACTIONS USING SINGLE AND DOUBLE ELASTIC CYLINDERS
Room: Schooner 7F: Coastal Structures, Ports, Harbors and Waterways - Coastal Texas	• COASTAL TEXAS G28-1 ECOSYSTEM RESTORATION PROJECT • UPPER TEXAS COAST FIELD EXPERIMENT ON NEARSHORE WAVE, CURRENT, AND SEDIMENT DYNAMICS • OPERATING FLOATING SECTOR GATES: LESSONS FOR GALVESTON BARRIER • THE EFFECT OF BARRIER RELIABILITY ON EXTREME WATER LEVELS IN THE GALVESTON BAY • ALTERNATIVE CONCEPTUAL DESIGN FOR THE BOLIVAR ROADS GATE SYSTEM

Coasts, Oceans, Ports & Rivers Institute



COPRI Organizational Partnership

Join COPRI as an Organizational Partner to reach more than 4,200 COPRI members year-round, and show your support for the mission and objectives of COPRI, to advance and serve the coastal, ocean, port, and navigation engineering profession.

- Reach and connect with more than 4,200 COPRI members, 86% in the US; and COPRI Professional and Student Chapters.
- Increase your visibility and exposure in the COPRI engineering community.
- Demonstrate your commitment to excellence in coastal, ocean, port, and navigation engineering.
- Invest in coastal, ocean, port, and navigation engineering by supporting COPRI programs.

Organizational Partner

$1000

- Organization profile listed on the COPRI Organizational Partner page
- Welcome announcement with in one issue of COPRI newsletter
- Inclusion on list of Organizational Partners in COPRI newsletter once a year
- Use of COPRI logo to promote your affiliation with COPRI

Supporting Organizational Partner

$2000

- Organization profile listed on the COPRI Organizational Partner page
- Welcome announcement with in one issue of COPRI newsletter
- Inclusion on list of Organizational Partners in COPRI newsletter once a year
- Use of COPRI logo to promote your affiliation with COPRI
- Advertisement or logo and up to 30 words of copy in two COPRI newsletters annually.

Sustaining Organizational Partner

$5000

- Organization profile listed on the COPRI Organizational Partner page
- Welcome announcement with in one issue of COPRI newsletter
- Inclusion on list of Organizational Partners in COPRI newsletter once a year
- Use of COPRI logo to promote your affiliation with COPRI
- Aadvertisement or logo and up to 30 words of copy in three COPRI monthly e-newsletters.
- Organization logo/weblink featured as COPRI Sustaining Organizational Partner on the COPRI homepage
- Placement of organization in each monthly COPRI newsletter

Scan & learn more!

Wednesday, May 20 - Detailed Concurrent Technical Sessions

8:40 – 10:10 a.m.	Concurrent Technical Session VIII
Room: Galleon I 8A: Coastal Hazards and Risk - Assessment of Coastal Risks	• CHARACTERIZING DEBRIS FIELDS AND EMULATING IMPACT INTENSITY MEASURES • STORM HAZARDS MODELING AND STATISTICAL ANALYSIS IN A GREAT LAKES COASTAL RESILIENCY STUDY • ASSESSING WAVE RUNUP AND FLOODING FOR COASTAL RESILIENCE • CLIFFSAT: SATELLITE-DERIVED MONITORING OF COASTAL CLIFF EROSION • COUPLED WAVE MODELLING FOR EXTREME LOADS ASSESSMENT ON HERITAGE COASTAL CLIFFS
Room: Galleon II 8B: Coastal Hydrodynamics and Morphology - Special Structures	• COUPLED WIND-WAVE EFFECTS ON THE DYNAMICS OF COASTAL FLOATING PHOTOVOLTAICS • COUPLED ANALYSIS OF SEDIMENT TRANSPORT & WAVES FOR BEACH EROSION AND OUTFALL STABILIZATION • LOCAL-SCALE SHORELINE DYNAMICS DUE TO COASTAL STRUCTURES IN MEXICO • HYDRODYNAMIC PERFORMANCE AND HYDRAULIC STABILITY OF NATURE INCLUSIVE MARINE MATTRESSES
Room: Galleon III 8C: Coastal Hydrodynamics and Morphology - Numerical Modeling	• NUMERICAL OPTIMIZATION METHODS IN SUPPORT OF COASTAL MODELING: CALIBRATION AND DESIGN • NUMERICAL STUDY OF OSCILLATORY FLOW AROUND A CIRCULAR CYLINDER AT HIGH REYNOLDS NUMBERS • NUMERICAL MODELLING OF FLOW–STEM INTERACTION FOR SUBMERGED VEGETATION • SHAPLEY VALUE-BASED SPATIOTEMPORAL RELATIVE CONTRIBUTION OF COMPOUND FLOOD DRIVERS • IMPROVING SANDBAR MIGRATION ACCURACY IN XBEACH
Room: Yacht 8D: Coastal Hydrodynamics and Morphology - Sediment Transport Processes	• NUMERICAL MODELING OF CUPSOGUE BEACH AND MORICHES INLET, LONG ISLAND • SATELLITE BATHYMETRY FOR RAPID ASSESSMENT OF HURRICANE-INDUCED COASTAL CHANGE • INLET ATLAS 2.0: APPLICATIONS OF GEOMORPHIC ANALYSIS TOOLS AT 13 FEDERALLY MANAGED INLETS • PROCESS-BASED MORPHOLOGY CHANGE MODEL • STUDYING WAVE SWASH INTERACTION ON CROSS-SHORE BEACH PROFILE EVOLUTION USING SEDINTERFOAM
Room: Spinnaker 8E: Coastal Management and Environment - Nature-Based Solutions	• QUANTIFYING SEAWEED MOTION AND FORCES UNDER WAVES AND CURRENTS FOR ENERGY ATTENUATION • HYDRODYNAMIC RESPONSE OF BESE-ELEMENTS® UNDER LABRATORY WAVE FORCING • HYDRODYNAMIC MODELING INFORMED NATURE-BASED SOLUTIONS TO ADDRESS EROSION AND HABITAT LOSS • EVALUATING ARTIFICIAL REEF PERFORMANCE FOR COASTAL PROTECTION: HYBRID OYSTER REEF • LINKING ROOT BIOMECHANICS AND HYDROLOGICAL REGIMES TO COASTAL MARSH STABILITY
Room: Schooner 8F: Coastal Hazards and Risk - Flood Risk Management and Strategies	• COMPARATIVE ANALYSIS OF SATELLITE-BASED FLOOD MAPPING: A CASE STUDY OF HURRICANE HARVEY • A FRAMEWORK FOR COMPOUND URBAN AND COASTAL FLOOD RESILIENCE MODELING • DIGITAL TWIN FOR TSUNAMI EARLY WARNING AND COASTAL FLOOD RISK MANAGEMENT • PLACE-BASED COASTAL FLOOD RESILIENCE RESEARCH AND EDUCATION: A U.S. – DUTCH EXPERIENCE • THE CASE FOR ADOPTION OF COASTAL ENGINEERING BOARD CERTIFICATION
10:40 a.m. – 12:10 p.m.	Concurrent Technical Session IX
Room: Galleon I 9A: Coastal Hazards and Risk - Climate Challenges	• ADAPTING HISTORIC WATERFRONTS TO RISING SEAS WHILE PRESERVING HERITAGE • CYCLONE HAZARDS IN FUTURE CLIMATE SCENARIOS: A MODELLING FRAMEWORK FOR COASTAL MANAGEMENT • FUTURE CHANGES IN GLOBAL EXTREME TOTAL WATER LEVEL BY D4PDF PROJECTION • MULTI-SCALE COASTAL MODELING FOR NATURE-BASED ADAPTATION IN THE GULF OF MONTIJO (PANAMA) • COASTAL AND INLAND FLOOD RISK ASSESSMENT UNDER A CHANGING CLIMATE: RHODE ISLAND CASE STUDY
Room: Galleon II 9B: Coastal Hazards and Risk - Tsunami	• NUMERICAL MODELING OF THE 2022 TONGA TSUNAMI WITH TIME-DEPENDENT FORCING • 3D MODAL ANALYSIS OF COASTAL FLOWS • DUYNEFONTYN TSUNAMI HAZARD ANALYSIS: PART 1: SOURCE SCREENING AND DETERMINISTIC MODELLING • DUYNEFONTYN TSUNAMI HAZARD ANALYSIS PART 2: PROBABILISTIC ANALYSIS OF LANDSLIDES • THE 480-M TSUNAMI OF THE AUGUST 10, 2025 TRACY ARM LANDSLIDE
Room: Galleon III 9C: Coastal Hydrodynamics and Morphology - Physical and Numerical Modeling	• DEEPONET-BASED PHYSICS-INFORMED MODELING OF NEARSHORE WAVE PROPAGATION • MEDIUM-TERM NOURISHMENTS EVOLUTION AT COSTA NOVA, PORTUGAL: MONITORING AND MODELING • NUMERICAL SIMULATION AND EXPERIMENTAL STUDY ON WAVE AMPLIFICATION BY TURBULENT WIND • BEYOND THE 100-YEAR FLOOD: PROBABILISTIC FLOOD ASSESSMENT IN WASHINGTON STATE USING SFINCS • GPU-BASED TSUNAMI MODELING FOR BASIN-SCALE SIMULATIONS
Room: Yacht 9D: Coastal Hydrodynamics and Morphology - Beach Nourishment	• MCFADDIN BEACH RESTORATION: BIGGEST BEACH NOURISHMENT IN TEXAS • BEACH AND SHOREFACE NOURISHMENTS: KEY INDICATORS TO ASSESS EFFECTIVENESS AND LIFESPAN • SAVING AMERICAS BEACHES: THE CAUSES OF AND SOLUTIONS TO BEACH EROSION • USE OF SHORT LOW-PROFILE GROINS AT MOSTLY LOW-ENERGY COASTLINES • BENEFICIAL USE OF DREDGED MATERIAL FOR BEACH NOURISHMENT ON WEST GALVESTON ISLAND
Room: Spinnaker 9E: Coastal Management and Environment - Sustainability of Coastal Environment	• STRATEGIC CREVASSE MANAGEMENT FOR SUSTAINABILITY OF RIVER DELTA • HOW BEACHES BECOME INFRASTRUCTURE: TRACKING CONVERSION DYNAMICS IN THE USVI • A TEXAS-SIZED PLANNING EFFORT FOR BENEFICIAL USE OF DREDGED MATERIAL • A NATIONAL PILOT PROJECT TO IMPROVE COASTAL ADAPTATION AND STAKEHOLDER ENGAGEMENT • USCRP PERSPECTIVES ON THE FUTURE OF COASTAL PROCESSES RESEARCH
Room: Schooner 9F: Coastal Hazards and Risk - Flood Risk Management and Strategies	• STORM SURGE FLOOD RISK AND HYBRID MANGROVE-SEAWALL BENEFITS ON A PACIFIC REEF-LINED COAST • COMPOUND FLOOD APPLICATIONS IN COASTAL ENGINEERING PROJECTS IN THE US • ENGINEERING MANUAL OF PRACTICE FOR ASSESSMENT OF COASTAL-INLAND COMPOUND FLOODING HAZARDS • SCENARIO-BASED MODELING OF BONNET CARRÉ SPILLWAY: HYDRODYNAMIC RESPONSE TO RIVER INFLOWS • SALT MARSH HYDRODYNAMICS TO INFORM BENEFICIAL USE OF DREDGED MATERIAL

Thursday, May 21

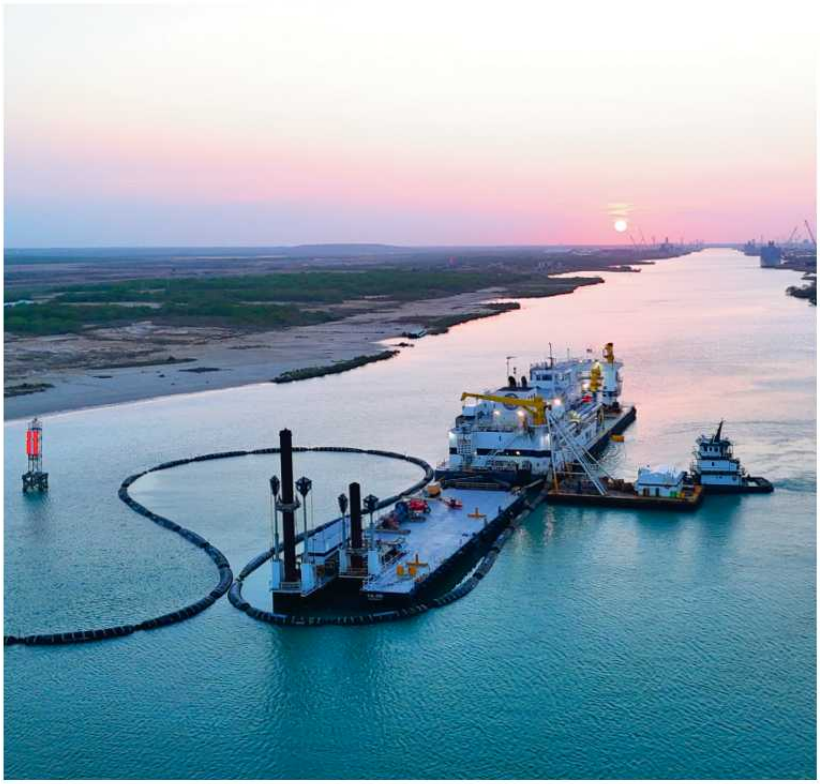
8:40 – 10:10 a.m.	Concurrent Technical Session X
Room: Galleon I 10A: Coastal Hazards and Risk - Resilience and Mitigation	• IMPACT-BASED INFRASTRUCTURE PRIORITIZATION FOR COASTAL RESILIENCE: SENSITIVITY STUDY • THE ECONOMIC IMPACTS OF COASTAL HOME COLLAPSES: EVIDENCE FROM THE OUTER BANKS • A PROBABILISTIC APPROACH TO TSUNAMI EVACUATION LIFE SAFETY ASSESSMENTS • FULL-SCALE REAL TREE EXPERIMENT OF MANGROVE-INDUCED RESISTANCE UNDER WAVES • VARIABILITY OF MANGROVE-INDUCED RESISTANCE COEFFICIENT ON WAVE ATTENUATION
Room: Galleon II 10B: Coastal Structures, Ports, Harbors and Waterways - Design and Maintenance	• INTELLIGENT PREVENTIVE TOOL FOR CLIMATE-RESILIENT MARITIME STRUCTURES • INTEGRATED MULTILEVEL FRAMEWORK FOR PORT PROBABILISTIC CLIMATE RISK AND ADAPTATION • RELIABILITY ASSESSMENT OF NATURE-ENHANCED COASTAL DEFENSES • PROBABILISTIC ASSESSMENT OF THE PERFORMANCES OF VERTICAL BREAKWATERS IN A CHANGING CLIMATE • PHYSICAL AND NUMERICAL MODELLING TOWARDS PREDICTIVE MAINTENANCE OF BREAKWATERS
Room: Galleon III 10C: Coastal Hydrodynamics and Morphology - Physical and Numerical Modeling	• IN PREPARATION FOR A NEW WIND-WAVE MODEL: CASE STUDY OF LIMFJORD WITH COMMERCIAL CODES • EXPANSION AT BAYPORT CONTAINER TERMINAL: MODELING OF HYDRODYNAMICS • NUMERICAL MODELING FOR THE CABLE PROTECTION STABILIZATION AT THE PRINCESS ELISABETH ISLAND • PHYSICAL MODELING OF STORM-DRIVEN DEBRIS DAMMING ON COASTAL STRUCTURES • TOWARD USEFUL COASTAL MORPHOLOGY MODELS: PERSPECTIVES ON MORPHOLOGICAL CALIBRATION
Room: Yacht 10D: Coastal Hydrodynamics and Morphology - Shoreline Changes	• PREDICTION OF SHORELINE CHANGES USING TRANSFORMER • TRADE-OFFS IN EQUILIBRIUM SHORELINE MODELS: LONG VS SHORT-TERM • SATELLITE-DERIVED BATHYMETRY FROM WHITEWATER EXTENT AND BORE VELOCITY MEASUREMENTS • SHORELINE EVOLUTION TOOLS (IH-SET): AN OPEN PLATFORM FOR MULTI-SCALE COASTAL MODELLING • GRAPH NEURAL NETWORKS FOR SPATIO-TEMPORAL SHORELINE MODELLING
Room: Spinnaker 10E: Coastal Management and Environment - Beach Management	• IMPROVEMENTS TO SCOPING LEVEL SHOREFACE NOURISHMENT PREDICTIONS • MARTIN COUNTY FOUR MILE BEACH BERM ANALYSIS AND RESILIENCE STUDY • HILTON HEAD ISLAND, SC: 40 YEARS OF SUCCESSFUL BEACH MANAGEMENT • MODELING THE FATE OF SEDIMENTS ON DIFFERENT SPATIAL SCALES FROM MULTIPLE SOURCES • HIGH-RESOLUTION MONITORING OF A COARSE-GRAINED BEACH NOURISHMENT AT SOLANA BEACH, CA
Room: Schooner 10F: Coastal Hazards and Risk - Flood Risk Management and Strategies	• NEW WAVE RUN-UP FORMULA FOR HYBRID SOLUTIONS COMPRISING A VEGETATED ECOSYSTEM AND A SLOPE • ADVANCING HYBRID COASTAL STRUCTURES: INVESTIGATION OF HYDRAULIC AND MORPHODYNAMIC RESPONSE • LARGE-SCALE EXPERIMENTS ON SALT MARSH EFFECTS ON WAVE RUN-UP AND IMPACT LOADS • ON THE WAVE ATTENUATION OF HYBRID COASTAL PROTECTION OF SEAGRASS AND ARTIFICIAL REEFS • INTERACTIVE HYDRODYNAMIC RESPONSE AND STABILITY OF TIDAL RECLAMATION EMBANKMENTS
10:40 a.m. – 12:10 p.m.	Concurrent Technical Session XI
Room: Galleon I 11A: Coastal Hazards and Risk - Extreme Events	• INFLUENCE OF A COMPOSITE BATHYMETRY ON CHARACTERISTICS OF AN EXPERIMENTAL DAM-BREAK WAVE • BRACING FOR FUTURE IMPACTS: THE POSSIBLE EXTREME SCENARIO OF TROPICAL CYCLONES • RECOVERY LAG TIME BETWEEN NATURAL DISASTERS END AND DAY-TO-DAY POPULATION MOVEMENT RETURN • EXTREME WAVE AND SURGE STATISTICS FROM LONG SYNTHETIC DATASETS OVER THE NORTH SEA • WAVE SIMULATIONS WITH MULTI-SATELLITES OBSEVRATIONS IN ARABIAN SEA
Room: Galleon II 11B: Coastal Structures, Ports, Harbors and Waterways - Composite Beaches and Design	• CROSSOVER: CROSSING SEAS AND SWELL. THE INFLUENCE ON WAVE OVERTOPPING • NUMERICAL SIMULATION OF BREAKING WAVES IMPACTING A VERTICAL CYLINDER ON A SLOPING SEABED • HURRICANE BERYL: IMPACT ON BARBADOS FISHING HARBOUR BREAKWATER & DESIGN FOR REHABILITATION • VALIDATION OF WAVE UPLIFT DESIGN EQUATIONS FOR ELEVATED STRUCTURES • COASTAL LEVEE DESIGN CONSIDERATIONS USING EXCESS LOADING IN A RESPONSE-BASED FRAMEWORK
Room: Galleon III 11C: Coastal Hydrodynamics and Morphology - Numerical Modeling	• HYBRID POROSITY LAYER TREATMENTS IN CFD MODELING OF WAVE OVERTOPPING ON REVETMENTS • INFRA-GRAVITY WAVE STUDY FOR A NEW FLOATING TERMINAL • INVESTIGATION OF WAVE BREAKING IN A FULLY NONLINEAR STAGGERED-GRID BOUSSINESQ MODEL • REAL-TIME WAVE FORECASTING IN THE COASTAL ZONE USING DEEP CONVOLUTIONAL NETWORKS • NESTED MODELING OF COMPOUND FLOODING IN TRANSITIONAL COASTAL WATERSHEDS
Room: Yacht 11D: Coastal Management and Environment - Shoreline Changes	• SHORELINE MONITORING OF GALVESTON ISLAND USING COASTSAT AND CORRELATING EVENTS • AUTOMATIC SHORELINE DETECTION FROM LOW-COST VIDEO MONITORING USING K-MEANS CLUSTERING • COASTSAT FOR COASTAL MONITORING: A CASE STUDY OF THE OKHOTSK SEA COAST • POST-STORM SHORELINE RECOVERY ON MICROTIDAL SANDY BEACHES
Room: Spinnaker 11E: Coastal Hydrodynamics and Morphology - Wave Structure Interactions	• BOUNDARY-INFORMED DEEP LEARNING SWAN EMULATOR FOR NEARSHORE WAVE FORECASTING • CYBER-PHYSICAL SIMULATION OF COASTAL INFRASTRUCTURE SUBJECT TO EXTREME LOADING CONDITIONS • A DIFFERENTIABLE HYBRID NETWORK FOR FLUID-SOLID INTERACTION WITH NONLINEAR BOUNDARIES • USACE ADCIRC MODEL DOWNSCALING FOR COASTAL PROJECTS: PELICAN ISLAND BRIDGE CASE STUDY • WAVE-STRUCTURE-SOIL INTERACTION DURING EARTHQUAKE TSUNAMI MULTI-HAZARDS
Room: Schooner 11F: Coastal Structures, Ports, Harbors and Waterways - Design	• THE LOWER MANHATTAN COASTAL RESILIENCY PROJECT - BATTERY • MITIGATING WAVE STRIKES ON T-SHAPED STRUCTURES VIA PERFORATED PLATES • COASTAL STRUCTURAL DESIGN AND MODELING ACTIVITIES AT BOSTON LOGAN INTERNATIONAL AIRPORT • COASTAL PROTECTION DESIGN BY SEPARATING PROTECTION AND CAPACITY LEVELS • STRUCTURAL AND BEACH NOURISHMENT-BASED SHORELINE STABILIZATION AT SARGENT BEACH, TEXAS

1:30 – 3:00 p.m.	Concurrent Technical Session XII
Room: Galleon I 12A: Coastal Hazards and Risk - Extreme Events	• A GLOBAL EVALUATION OF SATELLITE ALTIMETRY DATA FOR TRACKING EXTREME COASTAL WATER LEVELS • HINDCASTING STORM TIDES AND WAVES BY HURRICANES IN TEXAS (1851-2024) • STORM SHAPE IN WAVE EXTREMES: FROM INTENSITY-ONLY TO COUPLED INTENSITY-SHAPE MODELING • RECONSTRUCTION OF PALEO HURRICANES USING A COUPLED HYDRO-MORPHODYNAMIC MODELING APPROACH • WAVE-CURRENT-DEBRIS LOADING ON AN ELEVATED STRUCTURE
Room: Galleon II 12B: Coastal Structures, Ports, Harbors and Waterways - Monitoring	• NUMERICAL MODELING AND WAVE OBSERVATIONS DURING DOWNTIME AT CALDERA PORT, COSTA RICA • ASSESING INFRAGRAVITY WAVE DURING PORT DOWNTIME: CASE STUDY IN CALDERA PORT, COSTA RICA • SHOAL TRACKER - A TOOL FOR DETECTING TIDAL SHOALS FROM OPTICAL SATELLITE IMAGERY • X-BAND RADAR-BASED MONITORING OF WAVES AND CURRENTS FOR COASTAL PROTECTION IN SINGAPORE • LONG-PERIOD WAVE AND TSUNAMI DETECTION TECHNIQUES USING IMU AND RTK-GPS SENSORS
Room: Galleon III 12C: Coastal Hydrodynamics and Morphology - Physical and Numerical Modeling	• DEVELOPMENT OF A SIMPLE ALGORITHM-BASED AIRFLOW MODEL TOWARD AIR-WATER COUPLING SIMULATION • PERFORMANCE-PORTABLE NEARSHORE WAVE MODELLING WITH THE BOSZ MODEL • MISSISSIPPI RIVER DELTA MORPHOLOGY MODELING THROUGH DYNAMIC MODIFICATION SUBMODELS • HIGH-RESOLUTION CFD OBSERVATIONS AND MODELING OF DUNE MODIFICATIONS FOR FLOOD MITIGATION • REALISTIC BOTTOM ROUGHNESS IN A NONHYDROSTATIC 3D WAVE MODEL
Room: Yacht 12D: Coastal Hydrodynamics and Morphology - Wetlands Dynamics and Erosion	• GLOBAL WETLAND WATCH: HIGH-RESOLUTION MONITORING FOR COASTAL RESILIENCE • THE BUTTRESSING EFFECT: TESTING APPROACHES TO MARSH STABILIZATION WITH DREDGED MATERIAL • HYDRODYNAMIC SIMULATIONS TO INFORM SEDIMENT PLACEMENT FOR WETLAND RESTORATION • IMPACTS OF SEASONAL DYNAMICS ON SALTMARSH ECO-GEOMORPHIC DEVELOPMENT • SHORE PROTECTION EFFECTS ON SEA SPRAY AEROSOLS AND CORROSION
Room: Spinnaker 12E: Coastal Hydrodynamics - Wave Transformations	• AIR ENTRAINMENT MEASUREMENTS FOR EXAMPLARY BREAKING WAVE • WAVE-CURRENT INTERACTIONS: COMPARISON OF EXPERIMENTS WITH NON-LINEAR ANALYTICAL MODELS • UNDERSTANDING THE NATURE AND FORCINGS OF SEICHE EVENTS IN A TIDALLY DOMINATED BACK BAY • TRANSFORMATION OF INFRAGRAVITY WAVE ENERGY ACROSS A NARROW AND STEEP REEF • ATTENUATION OF INFRAGRAVITY WAVES BY SALTMARSHES DURING HURRICANES
Room: Schooner 12F: Coastal Structures, Ports, Harbors and Waterways - Coastal Defense Systems	• EXPERIMENTAL STUDY ON IRREGULAR WAVE ATTENUATION BY DIFFERENT VEGETATION MODELS • EFFECTS OF VEGETATION TRAITS ON WAVE ATTENUATION OVER A SALTMARSH-DIKE SYSTEM: A CFD STUDY • DESIGN OF A NEW DUNE SYSTEM USING XBEACH AND A DESIGN STORM • MECHANICAL CHARACTERIZATION OF THERMOPLASTIC COMPOSITES FOR 3D-PRINTED COASTAL STRUCTURES • EXPERIMENTS AND NUMERICAL EVALUATION OF WAVE OVERTOPPING IN LARGE RELATIVE WATER DEPTH
3:30 – 5:00 p.m.	Concurrent Technical Session XIII
Room: Galleon I 13A: Coastal Hazards and Risk - Storm Surge	• ASSESSMENT OF EXTREME STORM SURGE RISK WITH GRID-DEPENDENT MPS MODEL • IMPROVING STORM SURGE PREDICTIONS USING SATELLITE-DERIVED ATMOSPHERIC MOTION VECTORS • EVALUATION OF PROJECTED STORM SURGE CHANGES USING CMIP6 SCENARIOMIP DATA • OVERLAND SURGE, WAVE, AND CURRENT MODELING THROUGH THE BUILT ENVIRONMENT USING XBEACH • MACHINE LEARNING FOR BROADSCALE STORM SURGE MODELLING
Room: Galleon II 13B: Coastal Structures, Ports, Harbors and Waterways - Ports and Channel Shoaling	• PORT ARTHUR LNG BENEFICIAL USE OF DREDGED MATERIAL (BUDM) DESIGN • VESSEL WAKE DYNAMICS IN URBAN PORTS: REAL-WORLD ANALYSIS FOR URBAN COASTAL MANAGEMENT • EVALUATING EMPIRICAL METHODS FOR PREDICTING SHOALING RATES IN DREDGED NAVIGATION CHANNELS • ANALYSIS OF SHOALING AND MAINTENANCE DREDGING FOR NAVIGATION CHANNEL • QUANTIFYING AEOLIAN (WIND-BLOWN) SEDIMENT TRANSPORT INTO NAVIGATION CHANNELS
Room: Galleon III 13C: Coastal Hydrodynamics and Morphology - Physical and Numerical Modeling	• LARGE SCALE MODEL TESTS ON EROSION AT TRANSITIONS ON SEA DIKES • FROM WAVE MODEL TO NUMERICAL WAVE TANK - BRIDGING LENGTH SCALES WITH REEF3D::NHFLOW • THE EFFECTS OF LARGE-SCALE ROADWAY ADAPTATIONS ON BARRIER EVOLUTION • EFFECTS OF CHANGES IN SEDIMENT SUPPLY ON DELTA DEVELOPMENT • ALPINE: ALL-IN-ONE PHYSICS-INFORMED NEURAL EMULATOR FOR COASTAL FLOODS
Room: Yacht 13D: Coastal Hydrodynamics and Morphology - Wave Theories and Wave Transformation	• WAVEMAKER THEORY VS. PRACTICE: CALCULATIONS AND APPLICATIONS IN FLUMES • EVOLUTION OF TSUNAMI-LIKE WAVES PERTURBED BY A LONGITUDINAL SILL • PHYSICS-BASED MODEL FOR REGULAR WAVE RUN-UP ON SMOOTH, IMPERMEABLE SLOPES • NUMERICAL INVESTIGATION OF CROSS-SHORE EVOLUTION OF WAVE ENERGY FLUX FOR IRREGULAR WAVES • ANALYSIS OF INFRAGRAVITY WAVE MEASUREMENTS OVER A NEARSHORE SANDBANK
Room: Spinnaker 13E: Coastal Morphodynamics - Sediment Transport and Shoreline Change	• CROSS-SHORE SEDIMENT TRANSPORT RATE BASED ON EQUILIBRIUM BEACH PROFILE CONCEPT • SEDIMENTATION DYNAMICS AND DREDGED MATERIAL MANAGEMENT FOR THE MATAGORDA SHIP CHANNEL • PROBABILISTIC FORECAST OF SHORELINE CHANGE IN BARRIER ISLAND WITH INLET SEDIMENT BYPASSING • EXPERIMENTAL EVALUATION OF SHORELINE EROSION INDUCED BY WIND WAVES AND BOAT WAKES • EFFICIENT LONG-TERM REGIONAL-SCALE SHORELINE MODELLING USING SIMPLIFIED WAVE CLIMATES
Room: Schooner 13F: Coastal Bay Systems - Texas Bays	• TRANSPORT PATHWAYS OF HURRICANE HARVEY-DEPOSITED MERCURY-RICH SEDIMENTS IN GALVESTON BAY • FLOODING AND TRANSPORT OF CONTAMINANTS FOR TEXAS CITY, TEXAS • INFLUENCE OF SHIP WAKE DYNAMICS ON OCEAN CIRCULATION IN GALVESTON BAY • THE EXPANSION OF THE BAYPORT CONTAINER WHARVES • A DELFT3D MODEL OF A SAND ENGINE AND LIVING SHORELINE AT SAND POINT AND KELLER BAY, TEXAS

Friday, May 22 - Detailed Concurrent Technical Sessions

8:40 – 10:10 a.m.	Concurrent Technical Session XIV
Room: Galleon I 14A: Coastal Hazards and Risk - Extreme Events	• PARCEL-SCALE OBSERVATION AND MODELING OF RECOVERY FROM HURRICANE-INDUCED DAMAGE AND LOSS • SPECTRAL WAVE DOWNSCALING IN COASTAL AREAS: COMPARISON AND NEW METHOD IN CALIFORNIA • AN EMPIRICAL WAVE ESTIMATION MODEL APPLICABLE TO ANALYSIS OF NUMEROUS TYPHOON SCENARIOS • TYPHOON ASSESSMENT BASED ON FIXED-SST EXPERIMENT WITH WAVE-COUPLED GCM • MODELING COMPOUND FLOOD HAZARDS IN THE FRASER ESTUARY USING SFINCS
Room: Galleon II 14B: Coastal Structures, Ports, Harbors and Waterways - Coastal Defense Structures	• WAVE-INDUCED LOADING ON FORT BOYARD VERTICAL PROTECTION STRUCTURES: EXPERIMENTAL INSIGHTS • SCALE-EFFECTS ON PHYSICAL MODELS OF COASTAL STRUCTURES WITH OVERHANGS • COUPLING CFD AND STRUCTURAL OPTIMIZATION FOR ARTIFICIAL REEF DESIGN • ENGINEERING RESILIENCE: PROLONGING THE LIFESPAN OF COASTAL BRIDGES • ANALYSIS OF CURRENTS AND WAVES FOR SCOUR PROTECTION DESIGN OF COASTAL BRIDGE SUBSTRUCTURES
Room: Galleon III 14C: Coastal Hydrodynamics and Morphology - Physical and Numerical Modeling	• HYDRODYNAMIC BEHAVIOR OF SUBMERGED AQUATIC VEGETATION VIA PHYSICAL AND NUMERICAL MODELING • SECOND MOMENT OF AREA AS A MODEL OF BEACH-DUNE ROBUSTNESS AGAINST STORM IMPACTS • NEW WAVE FLUME FOR MOBILE BED PHYSICAL MODELING: VERIFICATION, EVALUATION OF SCALING LAWS • VALIDATION OF MIKE 21/3 WAVE MODEL FM FOR WAVE RUN-UP AND OVERTOPPING • NUMERICAL MODELLING OF A LAND-SEA CONTINUUM IN A MACROTIDAL, HIGH-ENERGY COASTAL SYSTEM
Room: Yacht 14D: Coastal Hydrodynamics and Morphology - Wave Theories and Wave Transformation	• NUMERICAL STUDY OF STATISTICS EVOLUTION FOR STRONGLY NONLINEAR WAVES OVER A SLOPING BOTTOM • HYBRID DOWNSCALE WAVE MODELLING AT THE JADE IN THE GERMAN BIGHT • A NEW 2D HORIZONTAL FREE-SURFACE-FLOW MODEL WITH HIGHER-ORDER ELEMENTS • NUMERICAL SIMULATION OF INFRAGRAVITY WAVES OVER ENGINEERED COASTS DURING HURRICANE LAURA • VALIDATION OF A NEW HIGH-ORDER SHALLOW WATER WAVE MODEL IN VARIABLE WATER DEPTH
Room: Spinnaker 14E: Coastal Hazards and Risk - Climate Challenges	• SYNTHETIC MODELING OF TROPCIAL CYCLONES FOR VARYING CLIMATES • QUANTIFYING COASTAL COMMUNITY RESILIENCE WITH NETWORK SCIENCE AND NUMERICAL MODELING • FROM RARE TO ROUTINE: HUMAN-DRIVEN SEA-LEVEL RISE AND COASTAL EXTREMES SINCE 1900 • PROBABILISTIC DESIGN AND LIFE-CYCLE MODELING FOR JAMES ISLAND • ANALYSIS OF RECENT TRENDS IN TROPICAL CYCLONE OVER THE ARABIAN SEA AND GULF OF OMAN
Room: Schooner 14F: Coastal Management and Environment - Integrated Coastal Zone Management	• MANAGING GALVESTON BEACHES, YESTERDAY, TODAY, AND TOMORROW • LOMB-SCARGLE PERIODOGRAM GAP FILLING OF TIDE GAUGE OCEAN WATER LEVEL MEASUREMENTS • FROM RISK TO RESILIENCE: EVALUATING COASTAL MANAGEMENT STRATEGIES IN VOLUSIA COUNTY • REAL OPTIONS ANALYSIS FOR OPTIMIZING COASTAL PROTECTION PLANNING UNDER CLIMATE CHANGE • SANDSNAP- TOOL IMPROVEMENTS, NEW USES, AND FUTURE DIRECTION
10:40 a.m. – 12:10 p.m.	Concurrent Technical Session XV
Room: Galleon I 15A: Coastal Hazards and Risk - Extreme Events	• BAYESIAN NONSTATIONARY EXTREME VALUE ANALYSIS OF COASTAL WAVES UNDER ENVIRONMENTAL CHANGES • FLOW AMPLIFICATION AND SHIELDING FOR ELEVATED STRUCTURES IN EXTREME HYDRODYNAMIC EVENTS • PHYSICAL MODELING OF PROGRESSIVE DAMAGE AND COLLAPSE OF ELEVATED RESIDENTIAL STRUCTURES • WHEN RIVERS MEET THE TIDE: MULTIVARIATE ASSESSMENT OF COMPOUND FLOOD RISKS • ROLE OF OCEAN COMPRESSIBILITY, EARTH ELASTICITY AND BACKGROUND DENSITY ON LONG WAVES
Room: Galleon II 15B: Coastal Structures, Ports, Harbors and Waterways - Breakwaters and Gate Systems	• RELIC TO RESILIENCE: THE DESIGN OF THE GLASS BREAKWATER REPAIR • A FRAMEWORK FOR ASSESSMENT OF VESSEL-INDUCED SCOUR IN COHESIVE SOILS • HYDRODYNAMIC PERFORMANCE OF TANDEM BREAKWATERS: EXPERIMENTAL AND NUMERICAL ANALYSIS • CAISSON SLIDING DISTANCE: A NEW SET OF GENERALISED ANALYTICAL SOLUTIONS • TSUNAMI-INDUCED SCOUR DEPTH AND OVERTURNING FAILURE IN SEAWALLS
Room: Galleon III 15C: Coastal Hydrodynamics and Morphology - Physical and Numerical Modeling	• DYNAMIC MODE DECOMPOSITION OF FLOW AROUND PILE GROUPS IN DIFFERENT VORTEX SHEDDING REGIMES • HYBRID SAND-MUD MORPHODYNAMIC MODELS FOR SIMULATING CONTAMINATED SEDIMENTS AND REMEDIATION • AN INTEGRATED EQUILIBRIUM MODEL FOR TWO-DIMENSIONAL SHORELINE CHANGE IN EMBAYED BEACHES • LARGE-SCALE EXPERIMENTAL STUDY OF WAVE-INDUCED FORCES ON A REAL MANGROVE TREE • PRELIMINARY CSHORE-VEG VALIDATION OF WAVE ATTENUATION AND SETUP THROUGH VEGETATED COASTS
Room: Yacht 15D: Coastal Hydrodynamics and Morphology - Wave Runup and Surf	• INSIGHTS FROM 10 YEARS OF RUNUP MEASUREMENTS AT THE U.S. ARMY ERDC FIELD RESEARCH FACILITY • APPLICATION OF REAL-TIME LIDAR-BASED MONITORING SYSTEM FOR WAVE RUNUP • WAVE-INDUCED ALONGSHORE VELOCITIES ON SMOOTH AND ROUGH PLANAR BEACHES • ADVANCED 2D WAVE RUNUP FLOOD MAPPING FOR DIVERSE SHORELINES • BUOYANT DEBRIS IN THE SURF ZONE: MODELING AND EXPERIMENTAL INSIGHTS
Room: Spinnaker 15E: Coastal Hydrodynamics and Morphology - Hybrid Dunes and Berms	• XBEACH MODELING AND VALIDATION OF A HYBRID DUNE-BASED LIVING SHORELINE • ASSESSING A HYBRID DUNE FOR COASTAL PROTECTION AND ECOSYSTEM RECOVERY • SIMULATING HYBRID DUNE-DIKE SYSTEMS WITH AN ADAPTED CROSS-SHORE MODEL: FIRST INSIGHTS • EVALUATING TWO YEARS OF A HYBRID COBBLE BERM NBS ON A COMPOSITE BEACH: DESIGN INSIGHTS • BRIDGING SEA AND SOCIETY: TESTING HYBRID COASTAL STRUCTURES FOR SAFER AND INCLUSIVE SHORES

Room: Schooner 15F: Coastal Management and Environment - Environmental Impacts	• MODELING THE ENVIRONMENTAL IMPACTS OF DEEPENING WILMINGTON HARBOR UNDER A CHANGING CLIMATE • THE IMPACT OF NEPTUNE PASS ON WATER QUALITY AND SUSPENDED SEDIMENT DYNAMICS USING COAWST • LAKE LERY MARSH CREATION/RIM RESTORATION PHASE III: COST BENEFIT UNDER THE FMA PROGRAM • EVALUATING VIRTUAL REALITY AS A TOOL FOR TSUNAMI EVACUATION TRAINING • COASTAL FLOODING INCIDENT GUIDE IMPROVEMENT; ENGLISH SOUTH(WEST) COAST
1:30 – 3:00 p.m.	Concurrent Technical Session XVI
Room: Galleon I 16A: Coastal Hazards and Risk - Flood Risk Management and Strategies	• MODEL ALIGNMENT STUDY OF NATURE-BASED SOLUTION EFFICACY IN COASTAL FLOOD MITIGATION • A HYBRID EARLY WARNING SYSTEM FOR COASTAL FLOOD FORECASTING • REDUCTION IN INSURANCE PREMIUMS DUE TO MANGROVES IN THE PHILIPPINES • PROBABILISTIC ASSESSMENT OF MANGROVES IN FLOOD MITIGATION AT SOUTH OROPOUCHE, TRINIDAD
Room: Galleon II 16B: Coastal Management and Environment - Nature-Based Solutions	• INTERACTIONS BETWEEN A SEAWALL AND DETACHED BREAKWATER SYSTEM: DELLANERA RV PARK BEACH • THE GEOLOGY OF THE TEXAS COASTAL MARSHES: KEY CONCEPTS FOR LONG-TERM RESTORATION DESIGNS • ECO-MORPHODYNAMIC MODELLING OF NATURE-BASED SOLUTIONS IN MEDITERRANEAN COASTAL WETLANDS • MODELLING OF WAVE INTERACTION WITH WOODEN FENCES ALONG THE VIETNAMESE MEKONG DELTA COAST • BIOPHYSICAL CONTEXT AND ECOCYSTEM SERVICES OF COMPOSITE BEACHES AND DYNAMIC REVETMENTS
Room: Galleon III 16C: Coastal Hydrodynamics and Morphology - Physical and Numerical Modeling	• ONE-LINE MODEL SHORELINES APPLICATION TO BAY BEACHES • FULLY COUPLED SEDIMENT MODEL OF BAR MORPHOLOGY OF THE PAJARO RIVER ESTUARY • PHYSICAL MODELING OF COARSE-GRAINED BEACH EVOLUTION • MODELING UNDERTOW PROFILE USING LARGE EDDY SIMULATION • ADVANCING MULTI-SCALE SPECTRAL WAVE MODELING: FROM WAVEWATCH III TO TRITON-C
Room: Yacht 16D: Coastal Hydrodynamics and Morphology - Physical and Numerical Modeling	• MULTISCALE SUBGRID CORRECTION FOR STORM SURGE MODELLING • WAVE-MUD INTERACTIONS AND LIQUEFACTION: EXPERIMENTAL STUDY • HYBRID COASTAL EVOLUTION AND STORM MODELING FOR RAIL STABILIZATION • HOW MUCH DATA IS ENOUGH? EVALUATING WAVE MONITORING DURATION ON THE GULF COAST
Room: Spinnaker 16E: Coastal Hazards and Risk - Flooding and Mitigation	• INFRAGRAVITY WAVE-DRIVEN FLOODING: A MULTI-SCALE MODELING FRAMEWORK • A COASTAL FLOODING EARLY-WARNING INDEX BASED ON ENSEMBLE NUMERICAL FORECASTS • ASCE 24-24 ELEVATION REQUIREMENTS: TRANSITIONING FROM FREEBOARD TO RISK-BASED ELEVATION • DISASTER HABITATION MODEL FOR FACTORING RESIDENTIAL SAFETY INTO FLOOD MITIGATION PROJECTS • INTEGRATED SPECTROSCOPIC AND THERMAL CHARACTERIZATION OF MICROPLASTICS
Room: Schooner 16F: Coastal Hydrodynamics and Morphology - Interactions Along Shorelines	• GEOPHYSICAL ANALYSIS OF SHELLY CARBONATE SANDS TO ASSESS GEOMORPHOLOGICAL CHANGE • GROUNDWATER TABLE OSCILLATION FEATURES UNDER DIFFERENT WAVE PERIODS • ANALYSIS OF PRACTICAL BIOSLURRY VOLUMES FOR SHORELINE STABILIZATION • PLATFORM LEVEL DESIGN FOR LAND RECLAMATION UNDER CLIMATE CHANGE: SINGAPORE CASE STUDY • TIDAL CYCLE CHARACTERIZATION OF MACRO-VORTICES ALONG RECLAMATIONS
3:30 – 5:00 p.m.	Concurrent Technical Session XVII
Room: Galleon I 17A: Coastal Hazards and Risk - Sea Level Rise and Protection	• PROBABILISTIC FRAMEWORK FOR INCORPORATING SEA LEVEL RISE IN COASTAL INFRASTRUCTURE DESIGN • SHORETRANS AND SHORELINE PROJECTION: A RESPONSE TO THE CHALLENGES OF SEA-LEVEL RISE • SEA LEVEL RISE CORRECTED BY LAND MOTIONS IN SOUTH AMERICA´S PACIFIC • APPLICATION OF EQUILIBRIUM SLOPE CONCEPT TO FORMATION OF TIDAL FLAT
Room: Galleon II 17B: Coastal Hazards and Risk - Vegetated Features	• SADDLE POINT APPROACHES TO THE PROBABILITY DENSITY OF SURFACE ELEVATIONS IN NONLINEAR SEAS • A NEW FORMULATION OF FREAK WAVES ESTIMATION WITH TOPOGRAPHY CHANGE • DAMAGE MECHANISM ANALYSIS OF NICARAGUA CARIBBEAN COAST DURING HURRICANES ETA AND IOTA • WAVE AND SURGE CONTRIBUTIONS TO MILTON PASS FORMATION DURING HURRICANES HELENE AND MILTON
Room: Galleon III 17C: Coastal Hydrodynamics and Morphology - Measurements and Predictions	• IMPLEMENTING WAVE ATTENUATION BY MANGROVES INTO CSHORE-VEG • LABORATORY STUDY ON SCALE EFFECTS IN MANGROVE-INDUCED WAVE ATTENUATION • PHYSICAL AND NUMERICAL MODELING OF WAVE ATTENUATION ON MANGROVE FOREST • CURRENT-DRIVEN HYDRODYNAMICS AND SEDIMENT TRANSPORT IN OYSTER REEFS
Room: Yacht 17D: Coastal Hydrodynamics and Morphology - Interactions Along Shorelines	• REAL-TIME TWO-WAY COUPLED MODEL FOR IMPROVED INUNDATION PREDICTION OF COMPOUND FLOODING • NOAA's STOFS 2D+ GLOBAL GEOID-REFERENCED TOTAL WATER LEVEL MODEL: FROM OCEANS TO STREETS • GULF COAST EXTREME WATER LEVEL THRESHOLD PREDICTION VIA DEEP LEARNING • THREE-DIMENSIONAL HYDRODYNAMIC MODELING OF BRINE DISPERSION NEAR A STEEP COASTAL SEABED



CONNECTED EXPERTISE FOR COASTAL & WATER RESILIENCE

MARINE DREDGING • COASTAL PROTECTION • UPLAND HEAVY CIVIL • RESTORATION • FLOOD RISK MANAGEMENT

SLS, Callan Marine, and Forgen deliver fully integrated, end-to-end solutions for the most complex coastal and water infrastructure challenges.

From offshore dredging and marine construction to levees, flood risk management, water conveyance, and habitat restoration, our unified team executes turnkey projects under one coordinated delivery model, reducing risk, accelerating schedules, and improving outcomes for public and private owners.

- **DREDGING & MARINE CONSTRUCTION**
- **SHORELINE & COASTAL PROTECTION**
- **LEVEES & FLOOD RISK SYSTEMS**
- **UPLAND HEAVY CIVIL & EARTHWORK**
- **HABITAT & WATERSHED RESTORATION**

From Water to Land. One Turnkey Team.

SLS | CALLAN MARINE | Forgen

SLSCO.COM CALLANMARINELTD.COM FORGEN.COM

Interested in CEC Board Certification after the 2026 ICCE?

Attendees and referrals of ICCE attendees are eligible for a limited-time 25% discount on the application fees for the Board Certification in Port Engineering, Coastal Engineering, Navigation Engineering and Ocean Engineering (BC.PE, BC.CE, BC.NE and BC.OE).
Discount Code: ICCE25
Valid: May 17–July 17, 2026

CEC Board Certification recognizes advanced professional competence beyond licensure and demonstrates expertise valued by employers, clients, and the profession.

Learn more about eligibility and apply here: www.asce.org/certification

2026 ICCE Sponsors & Exhibitors

Contributions from the following sponsors & exhibitors enable the 2026 International Conference on Coastal Engineering to carry out its commitment to excellence in programming and networking events for attendees.

703
21st Century Galveston
www.21stcenturygalveston.com
21st Century Galveston is a new organization committed to defining the 21st-century technologies that coastal cities require to address the challenges posed by rising waters. What are the solutions for the socio-economic and geopolitical issues we will face by the years 2050 and 2075? What do we do with 110 million inhabitants that will be affected by rising tides in the United States alone? 21st Century Galveston is not just about Galveston; Galveston is a petri dish for testing new 21st-century technologies. Dare we say that by the year 2050, we must consider moving in 100 miles? Or maybe moving up 100 ft?

Silver Sponsor
AECOM
www.aecom.com
Our vision is a world where infrastructure creates opportunity for everyone. By bringing together the best people, ideas and technical expertise, we partner with clients to turn their ambitions into action.

203
American Shore & Beach Preservation Association (ASBPA)
www.asbpa.org
ASBPA is dedicated to preserving, protecting and enhancing our coasts by merging science and public policy.
We advocate for healthy, sustainable and resilient coastal systems to sustain four inter-connected core values provided by shores and beaches: community protection, a strong economy, ecologic health and recreation.

700 - Platinum Sponsor
Aptim Environmental & Infrastructure LLC
www.aptim.com
APTIM is a global industry leader headquartered in Baton Rouge, Louisiana. With more than 3,000 employees across the Americas, our dedicated people have proven experience and expertise to provide integrated services and solutions to government agencies, commercial, industrial, and energy customers.

401 - Premier Sponsor
Baird & Associates
www.baird.com
Baird, incorporated in 1981, is one of the leading specialized coastal engineering firms in North America. Baird is an employee-owned firm, with a staff of approximately 120 employees, located in offices in the U.S. (Madison, New York, Kalamazoo, Houston, Boca Raton, Baton Rouge and Tacoma), Canada, Barbados, Chile, the UK, and Australia, and around the world. Baird has worked exclusively 'where water meets land' in rivers, estuaries and coastal environments, and offers a complete range of professional engineering and technical services to support the design, assessment, and implementation of marine infrastructure and coastal structures. The company provides scientific analyses of coastal processes including studies of waves, water levels, currents, and sediment transport. Baird is recognized for the successful completion of innovative and practical projects across the USA, North America, and around the world.

The company consists of a unique combination of engineers, scientists, geomorphologists, and planners committed to excellence in analysis, design, engineering and construction. This blend of expertise provides Baird with the ability to deliver innovative and cost-effective solutions on very complex and challenging river and coastal projects. Scientists and engineers participate on all our projects from concept through analysis, and modeling to design implementation. Baird is supported by a larger network of strategic alliances with other consulting firms, academic and scientific communities and governmental organizations. We are experienced in leveraging our internal expertise, as well as the larger community in order to deliver innovative and practical solutions founded on science and engineering. This is the basis of our success, and our projects have been nationally, and internationally recognized for their science and engineering excellence.

Baird recognizes that while technical expertise is the foundation of excellence, strong client relationships and effective management systems make successful projects. Our success is founded on our ability to communicate with each other in a clear and open manner, and to listen to and to understand the needs and views of our clients, regulators, and stakeholder groups. Baird is committed to our mission of providing a high degree of technical expertise, technology and service to our clients. We strive to provide outstanding service and urge you to contact our past clients to discuss our performance.

We look forward to the opportunity to assist you with the development of your project. For more information, please visit our website at baird.com.

609
Callan Marine
www.callanmarineltd.com

For more than fifteen years, Callan Marine has been serving public and private clients by providing crucial dredging services and executing new maritime construction and expansion projects.

We restore berthing depths for ship docks and navigation channels, facilitating transportation in our nation's waterways.

Our mission remains the same: safety, integrity, quality. We are Callan Marine.

209 - Bronze Sponsor

Center for Coastal Climate Resilience -UC Santa Cruz

www.climateresilience.ucsc.edu

The Center for Coastal Climate Resilience at UC Santa Cruz solutions to reduce coastal risks locally, CA-wide, nationally and internationally. We are helping communities build resilience and adapt to rising risks. Our work brings together faculty, fellows, and community partners to advance resilience in three key areas: • Nature-based solutions • Innovative Communications • Climate vulnerability

By fostering collaboration and leadership, we're helping communities adapt to a changing climate while protecting the coastlines we all depend on.For the exhibition at ICCE, CCCR will be demonstrating interactive tools showing how natural habitats like coral reefs and mangroves protect coastlines from flooding, supporting decision-makers and communities in climate adaptation.

806

CLAS

www.climateresilience.ucsc.edu

The Center for Coastal Climate Resilience at UC Santa Cruz solutions to reduce coastal risks locally, CA-wide, nationally and internationally. We are helping communities build resilience and adapt to rising risks. Our work brings together faculty, fellows, and community partners to advance resilience in three key areas: • Nature-based solutions • Innovative Communications • Climate vulnerability

By fostering collaboration and leadership, we're helping communities adapt to a changing climate while protecting the coastlines we all depend on.For the exhibition at ICCE, CCCR will be demonstrating interactive tools showing how natural habitats like coral reefs and mangroves protect coastlines from flooding, supporting decision-makers and communities in climate adaptation.

Silver Sponsor

Coast & Harbor Engineering

www.coastharboreng.com

Coast & Harbor Engineering (CHE) provides the full spectrum of engineering services required for design and construction of coastal and maritime engineering projects.

Drink Sponsor

Coastal Engineering & Adaptive Solutions (CEAS)

www.ceas.llc

At CEAS (Coastal Engineering and Adaptation Solutions), my mission is to provide effective and creative planning and engineering solutions in coastal and waterfront engineering, climate adaptation, and resilience.

201 - Drink Sponsor

Coastal Engineering Consultants, Inc.

www.coastalengineering.com

For almost 50 years, CEC has been designing workable alternatives to deliver practical, cost-effective solutions while protecting natural ecosystems and meeting regulatory standards. Known for our strong client relationships and trusted reputation with regulatory agencies, we prioritize responsive customer service and technical excellence. Through our dedication to sustainability, community involvement, and professional integrity, CEC continues to support projects that strengthen communities and preserve the environment.

311 - Silver Sponsor

Cummins & Cederberg

www.cumminscederberg.com

Cummins Cederberg is one of the largest US coastal and marine engineering firms, delivering resilient solutions across waterfront infrastructure, environmental permitting, and managing development of coastal communities.

Gold Sponsor

DCCM

www.dccm.com

We are dedicated to helping clients achieve their goals through design, consulting, and program & construction management. Specializing in all aspects of infrastructure development, we provide comprehensive professional services for public and private clients. No matter your project needs, we have the expertise to meet your goals efficiently and effectively.

306

Denso, Inc.

www.densona.com

Denso, Inc. is a leading manufacture of anti-corrosion products for marine steel, concrete and timber pile rehabilitation and protection systems with a full line of petrolatum and wax tapes, HDPE outercovers, fiberglass jackets, underwater epoxy grouts, and many other products.

304

DHI Water & Environment, Inc.

www.dhigroup.com

DHI Water & Environment, Inc. is primarily engaged in the provision of consulting services related to numerical modelling of water including river and floodplain modelling, stormwater and sanitary collection systems modelling, integrated watershed hydrology modelling, groundwater flow and contaminant transport modelling, coastal process modelling, and marine ecology modelling.

824

Ducks Unlimited

www.ducks.org

DU got its start in 1937 during the Dust Bowl when North America's drought-plagued waterfowl populations had plunged to unprecedented lows. Determined not to sit idly by as the continent's waterfowl dwindled beyond recovery, a small group of sportsmen joined together to form an organization that became known as Ducks Unlimited. Its mission: habitat conservation

709

EarthBalance Corp

www.earthbalance.com

EarthBalance is one of the largest hands-on ecosystem restoration firms, bringing over 40 years of experience to every project. Our employee-owned team of scientists,

biologists, and field experts deliver high-quality, practical solutions that restore and protect natural environments across Florida, Texas, the Southern U.S., and Mid-Atlantic.

501
EIK Solutions
www.eiksolutions.com
EIK Solutions specializes in providing custom-built amphibious excavators and attachments designed for challenging environments. Their high-quality equipment is tailored for applications such as civil excavation, restoration, dredging, and maintenance.

200
FloodBreak
www.floodbreak.com
FloodBreak was founded on the need to solve a problem. When Tropical Storm Allison hit Houston, TX in 2001, conventional flood control measures failed to protect the city. The flood damage from Allison proved that active flood control measures, no matter how well-built, cannot reliably protect against catastrophic flooding.

708
Flow Science
www.flow3d.com/hydro
Flow Science is the developer of the FLOW-3D product family, CFD simulation software delivering powerful multiphysics tools for civil engineering, manufacturing, aerospace, and other industries. Founded in 1980 by Dr. C. W. (Tony) Hirt, pioneer of the Volume-of-Fluid method, Flow Science has a long history of advancing fluid dynamics modeling.

606
Foundation Technologies, Inc.
www.foundationtechnologies.com
Foundation Technologies, Inc. supplies best-in-class deep foundation products that save you time, delivered when you need them - Enabling deep foundation contractors to build stronger foundations with shorter timelines. Our industry leading brands include CHANCE® Helical Piles & Anchors, Manta Ray® Anchors, CETCO Shore Pac® Polymer Slurry, Shaftspacer® Rebar Cage Alignment Systems, Sonitec® The CSL Tube, Yellow Jacket® Pile Sleeves, Profound® Displacement Pile Drill Tips and Anchor Chairs, Pile Cans™, and Slickcoat® Anti-friction Coating.

503 - Bronze Sponsor
Freese and Nichols
www.freese.com
Freese and Nichols plans, designs and manages infrastructure projects with client service and continuous improvement in mind. Our vision is to simply be the firm of choice for clients and employees. We continually partner with clients to deliver on our mission: Innovative Approaches ... Practical Results ... Outstanding Service.

601 - Platinum Sponsor
Forgen
www.forgen.com
At Forgen, we deliver fast, safe, and innovative solutions—backed by strong connections, a top-tier safety culture, and a ready-to-roll fleet. From groundbreaking to ribbon cutting, we leverage our geotechnical and heavy civil construction expertise to complete projects efficiently and with precision.

608
Fugro
www.fugro.com
Fugro is the world's leading Geo-data specialist, dedicated to mapping, modelling, and monitoring the Earth's surface and subsurface across built and natural environments.

Silver Sponsor
Gahagan & Bryant Associates, Inc.
www.GBA-Inc.com
Gahagan & Bryant Associates, Inc. (GBA) is a leading dredging and coastal engineering and hydrographic surveying firm with a distinguished record of delivering high-quality, practical, and experience-based solutions across the US. Since 1974, GBA has brought a deep legacy of hands-on field experience and unmatched technical expertise to each project, from initial concept through completion. With over 50 years of industry leadership, GBA combines innovative engineering, thorough planning, and responsive project management to support public agencies, port authorities, and private sector clients in meeting their most challenging marine infrastructure and coastal development goals.

207
Geobrugg, NA
www.geobrugg.com
Safety is our nature - true to this guiding principle, we have been developing and manufacturing protection solutions since 1951. High-tensile steel wire nets and matching services monitor and protect against natural hazards such as rockfall, landslides, debris flows, avalanches or coastal erosion.

Bronze Sponsor
Geosyntec Consultants
www.geosyntec.com
Geosyntec Consultants is a leading consulting and engineering firm specializing in innovative solutions for coastal, waterfront, and water resource challenges. We provide advanced modeling, rigorous assessment, and resilient design strategies to support sustainable shoreline protection, marina and harbor development, and ecosystem restoration. Our team integrates cutting-edge science with practical engineering to help clients adapt to changing conditions, prepare for hazards, and recover from severe weather events. Recognized for technical excellence and collaboration, Geosyntec is committed to creating resilient infrastructure and thriving coastal communities worldwide.

Bronze Sponsor
Goodwyn Mills Cawood (GMC)
www.gmcnetwork.com
As one of the largest architecture and engineering firms in the Southeast, we know communities are built by people, not companies. We serve our neighbors with architecture, engineering and inspired design that help communities thrive.

Platinum Sponsor
Great Lakes Dock and Dredge
www.gldd.com
Great Lakes Dredge & Dock Corporation (GLDD) is the leading provider of dredging services in the United States specializing in projects that help improve and protect our nation's infrastructure and coastlines.

203

GRoW Oyster Reefs LLC

www.Growoysterreefs.com

GRoW Oyster Reefs LLC designs and fabricates biophilic reef restoration substrates using their patented concrete formulated to match the chemical composition of the oyster shell, that can be tailored to mimic other reef building calcitic organisms.

302 - Bronze Sponsor

Halff Associates, Inc

www.halff.com

Welcome to Halff, the full-service infrastructure consulting firm planned, designed, engineered, constructed—and purposed—for people. Since 1950, we've been creating smart solutions that improve lives and communities by turning ideas into reality.

208

Haskoning

www.haskoning.com

Haskoning is an independent consultancy integrating engineering, design, digital technology, and software; helping organisations address built environment challenges and deliver sustainable solutions, Enhancing Society Together.

509 - Silver Sponsor

HDR

www.hdrinc.com

Successful projects are driven by sound science, attention to detail and experience tackling the challenges of working in a dynamic marine environment. We bring more than 60 years of experience in mitigation, restoration and creation projects, with a focus on beaches, bays and estuaries.

602

Hinsdale Wave Research Laboratory

www.engineering.oregonstate.edu/wave-lab

The O.H. Hinsdale Wave Research Laboratory at Oregon State University provides outstanding research and testing at the largest nearshore experimental facility at an academic institution in the US.

Silver Sponsor

infraTECH

www.infratech-us.com

At infraTECH, we are dedicated to delivering innovative, context-sensitive infrastructure solutions that not only meet today's needs but also anticipate tomorrow's challenges. Our mission is to create a collaborative ecosystem that embodies excellence and sustainability, partnering with clients and the broader community to redefine what's possible.

507

Integral Consulting Inc.

www.integral-corp.com

At Integral, we deliver results for clients to make informed, strategic, and compliant decisions involving the environment and human health.

Our team of scientists, engineers, and regulatory specialists cuts through complexity and keeps projects moving toward trusted, practical, and lasting outcomes.

Platinum Sponsor

Isani Consultants, L.P.

www.isaniconsultants.com

Our professional, highly qualified, and client-dedicated staff is committed to excellence through expertise and through a proactive approach. ISANI actively supports local government agencies to develop infrastructure in the Houston-Galveston Area. Through our membership and active participation with the American Council of Engineering Companies of Houston (ACEC Houston).

308 - Silver Sponsor

Jacobs

www.jacobs.com

At Jacobs, we're challenging today to reinvent tomorrow – delivering outcomes and solutions for the world's most complex challenges. With approximately $12 billion in annual revenue and a team of almost 43,000, we provide end-to-end services in advanced manufacturing, cities and places, energy, environmental, life sciences, transportation and water. From advisory and consulting, feasibility, planning, design, program and lifecycle management, we're creating a more connected and sustainable world.

Silver Sponsor

Kiewit

www.kiewit.com

We exist to help our clients solve the impossible. Backed by more than 140 years of self-perform construction expertise and integrated EPC capabilities, Kiewit brings unmatched control, quality and schedule certainty to energy and infrastructure projects of every size — turning complex challenges into lasting solutions.

Platinum Sponsor

Kirby

www.kirbycorp.com

Kirby Corporation is the premier tank barge operator in the United States, transporting bulk liquid products throughout the Mississippi River System, on the Gulf Intracoastal Waterway, and along all three U.S. Coasts. Through its Distribution and Services segment, Kirby is also a leading nationwide service provider and distributor of diesel engines, transmissions, parts, industrial equipment, and oilfield service equipment.

702

Levare

www.levare.us

Levare is a small veteran-owned manufacturing company based in Harvey, LA, USA. Levare and its ESPRS were developed by John Anders of Anders Construction, Inc., a commercial diving and underwater construction company with over 20 years of experience providing innovation, quality, and reliability on underwater inspection, demolition, repair, and construction projects for heavy civil and marine infrastructure.

Levare will designs, fabricates, coats, and transport the ESPRS directly to the site and/or installation contractor. The ESPRS is an ideal pile repair solution, as it does not just seal, sleeve, or cover the damaged portions of the pile. The ESPRS replaces the entire damaged section of the pile with a new steel pipe pile that is P.E. designed, fabricated, coated, and bolted following the existing contract specifications and requirements. This is completed below the existing structure and will allow 100% of the structural design capacity to be returned to the pile through grout pressure load transfer, which also provides load test data on every pile repaired with the ESPRS.

The ESPRS is installed without the need for

temporary shoring, extensive surface prep, environmental monitoring, field welding, or field coating. By cutting these other field steps, the potential for extensive unforeseen complications is greatly reduced. Eliminating these additional field steps also allows for those subsequent field QC and Engineer inspections to be eliminated, as those steps were either already completed in a controlled fabrication environment or are no longer required.

In addition to the ESPRS being a superior structural pile repair solution, it is also more cost effective and efficient than typical pile encasement and epoxy jacket systems. Use of the ESPRS for structural pile repairs can be approached through Value Engineering, highlighting the structural benefits of the ESPRS, as well as allowing the time and cost savings to be shared by the installation contractor and project owner.

202 - Silver Sponsor
Moffatt & Nichol
www.moffattnichol.com
At Moffatt & Nichol, we bring innovative thinking and deep technical expertise to every challenge we take on. From ports and transportation to water systems and the environment, our work shapes infrastructure that connects people, strengthens communities, and protects natural resources.

812 - Silver Sponsor
Mott MacDonald
www.mottmac.com
Mott MacDonald is an employee-owned engineering, development and management consultancy, with more than 20,000 people in 50 countries. We plan, design, deliver and maintain the transport, energy, water, buildings and wider infrastructure that is integral to people's daily lives.

600
MST Rebar USA
www.mstbar.com
MST Rebar Inc. is a U.S. and Canadian-owned manufacturer specializing in advanced GFRP (Glass Fiber Reinforced Polymer) rebar designed to replace traditional steel reinforcement. The company focuses on producing premium, corrosion-resistant, lightweight, and long-lasting reinforcement solutions for concrete infrastructure.

210
National Research Council of Canada
www.nrc.canada.ca
The National Research Council of Canada is the primary government organization for scientific research, development, and innovation.

810
Odin
www.odinenv.com
Odin is an award-winning contractor delivering turnkey environmental, geotechnical, and civil construction projects nationwide. We've become our clients' trusted collaborators through our commitment to safety, quality, partnering, and community. Through project development, design, construction, and operation, we ensure support of our client's requirements and protect and preserve the surrounding communities.

Gold Sponsor
Port of Houston
www.porthouston.com
For over a century, Port Houston has served as a strategic leader for the Houston Ship Channel and is instrumental in the City of Houston's development for international trade. Port Houston owns, manages, and operates eight public terminals along the 52-mile waterway, including the area's largest breakbulk facility and two of the most efficient container terminals in the country.

822
QuakeWrap
www.quakewrap.com
Strenthening the World's Critical Infrastructure with advanced frp (Fiberglass Reinforced Polymer) Systems for the following:
- Marine structures
- Foundations
- Pipelines
- Bridges
- Buildings

Bronze Sponsor
Royal
www.royal.us
At Royal, we bring unmatched energy to everything we do. Our relentless approach to today's infrastructure challenges is rooted in our commitment to our clients. Together, we develop innovative solutions that ENRICH our communities, the environment, and our world.

808 - Bronze Sponsor
Restore America's Estuaries
www.estuaries.org
Restore America's Estuaries is dedicated to the protection and restoration of bays and estuaries as essential resources for our nation.

310 Bronze Sponsor
Scheibe Consulting
www.scheibeconsulting.com
Scheibe Consulting is a Water Resources, General Civil, Land Surveying, and Coastal Engineering Firm providing practical solutions to Texas Communities.

826
Shoreline Erosion Control Solutions (SECS)
www.secsusa.com
Shoreline protection that works with nature — not against it.
Patented, marine-engineered Modules that attenuate wave energy, prevent scour, reduce run-up and overtopping, and preserve sediment transport — delivering durable protection with a smaller footprint than rock revetments.

603 - Platinum Sponsor
SLS Co
www.slsco.com
Our team provides the full spectrum of general contracting, construction management, infrastructure, disaster response, health and humanitarian services throughout North America and beyond. We serve all levels and sectors of government and private industry in a wide range of markets.

607
Solmax
www.solmax.com/us/en
Solmax is a world leader in sustainable construction solutions, for civil and environmental infrastructure. Its pioneering products separate, contain, filter, drain and reinforce essential applications in a more sustainable way – making the world a better place. The company was founded in 1981, and has grown through the acquisition of GSE, TenCate Geosynthetics and Propex. It

is now the largest geosynthetics company in the world, empowered by more than 2,000 talented people. Solmax is headquartered in Quebec, Canada, with subsidiaries and operations across the globe.

403 - Platinum Sponsor

Stantec

www.stantec.com

Stantec is a global leader in sustainable engineering, architecture, and environmental consulting. We innovate at the intersection of community, creativity, and client relationships so that together we can redefine what's possible.

312 - Silver Sponsor

Surfline Coastal Intelligence

www.surflinecoastalintelligence.com

We harness the power of advanced computer vision technology to support the creation of more resilient coastal communities, safeguarding people and infrastructure from the ever-changing forces of our oceans.

Bronze Sponsor

Terradepth, Inc.

www.terradepth.com

Terradepth was founded by Navy SEALs who experienced firsthand the critical importance of ocean intelligence in national security operations. They saw a fundamental gap: the ocean remained largely unmapped, and the data that did exist was siloed, outdated, and difficult to access.

Drawing on decades of operational experience and a deep understanding of autonomous systems, they set out to build something new—a company that could collect ocean data at unprecedented scale and make it instantly accessible to those who need it most.

707

Texas A&M University Construction Industry Advisory Council

www.arch.tamu.edu/impact/advisory-councils/ciac/

The College of Architecture provides a top-tier education in disciplines that address complex challenges in the built environment. Our curriculum is designed to equip students with the skills and knowledge to become leaders and make a meaningful impact in the world. We have an extensive portfolio of evidence-based research that is translated into the classroom and professional practice, ensuring our students are prepared for the future of their fields.

Silver Sponsor

Van Halteren

www.vanhalteren.com

We are dedicated to achieve excellence, no matter the complexity of the challenge. Getting a kick out of creating everything from exclusive solutions till off-the-shelves products for multiple purposes. This is how we've worked since day one and we are determined to pass on this commitment to future generations. Technology is evolving fast.

701

Visit Galveston

www.visitgalveston.com

Galveston is not a copy and paste beach town. It is a Texas island shaped by history, culture, and coastlines that move at their own pace. Stop by for information on the best places to explore.