

CALL FOR ABSTRACTS



PORTS® '22

Honolulu, Hawaii | September 18-21, 2022



Knowledge Sharing for a Better Tomorrow



Hilton Hawaiian Village | Honolulu, Hawaii
www.portsconference.org



PORTS® '22



PORTS '22: "Knowledge Sharing for a Better Tomorrow" will be the sixteenth in a series of triennial international port and harbor development specialty conferences.

This immensely successful series of conferences has consistently drawn an **international audience of port, harbor, waterway, and marine professionals** that come to share their knowledge and learn from the experiences of others. The papers and presentations cover a broad spectrum of topics dealing with a multitude of issues facing the ports and harbors community. **Professionals from around the globe** are expected to share their endeavors in the planning, financing, permitting, design, construction, operation, maintenance, and security of port facilities. Attendees will leave with a greater understanding of the challenges faced by their peers and gain valuable insight into how those challenges were overcome.

Due to the overwhelming response to past Calls for Abstracts and the success of the PORTS conference series, PORTS '22 will maintain an **expanded and diverse technical program**. This will provide additional opportunity to present ideas and experiences—including entire sessions devoted to panel/round-table discussions of timely topics. Also, vendor presentations of materials, processes, and equipment relevant to the maritime development community.

The PORTS Conference series is **internationally recognized as an outstanding opportunity to network with hundreds of professionals who share similar challenges and concerns**. Please join us in Honolulu, Hawai'i, on September 18 to 21, 2022. Share your valuable experience with the global ports and harbors development community by submitting an abstract for consideration. The ASCE COPRI Ports and Harbors Committee invites you to become part of the PORTS Conference tradition of advancing science of port engineering and improving our maritime world.

CONFERENCE TOPICS PORTS® '22

Environmental

- Ground, Air & Water Quality
- Habitat & Wildlife: Protection, Loss, and Mitigation
- Impact Analysis & Mitigations
- Innovative Port Programs
- Rehabilitation & Redevelopment
- Resiliency
- Sea Level Change & Climate Change
- Sustainability
- Urban and Life Quality Issues

Port Planning & Operations

- Capacity Management
- Facility Maintenance & Management
- Inland Transportation Links
- Load and Peak Management
- Master Planning
- Navigation Systems
- Resiliency
- Security
- Urban and Community Interfaces

Terminal Planning & Design

- Breakbulk
- Container
- Cruise & Ferry
- Liquid & Dry Bulk
- Military
- RO/RO & Automobile
- Small Craft & Recreation

Navigation & Waterways

- Air Draft Improvement
- Beneficial Reuse & Environmental Improvement
- Modeling & Simulation
- Navigation Technology
- Widening & Deepening

Landside Connections

- Road and Rail Corridors
- Rail Yards
- Flow Control and Load Management Regimes
- System Integration

Port Engineering

- Coastal
- Dredging
- Environmental
- Extreme Events (seismic, tsunami, hurricane, storm surge, blast, etc.)
- Facilities & Operations
- Geotechnical & Geoscience
- Innovative Technologies
- Interdisciplinary Integration
- Mooring & Berthing
- Navigation
- Structural Design
- Structure Inspection & Rehabilitation

Equipment and Systems

- Cargo Handling
- Environmental Impact Reduction Systems
- Innovative Technologies
- Passenger Processing
- Terminal Automation

Port Infrastructure

- Reclaimed Lands
- Foundations
- Pavement
- Drainage Control
- Power Supply & Distribution

Port Security

- Threats and Mitigation
- Facility Boundaries
- Human Access
- Scanning Systems
- Government Integration
- Data Integrity

Project Delivery

- Project Management
- Port Development Financing and Economics
- Project Contracting and Delivery
- Construction Management

TECHNICAL SHORT COURSES

The PORTS '22 Conference is committed to continuing the tradition of providing continuing education and professional development opportunities for participants. Held on Sunday, September 18, half day and full day technical courses offer attendees the chance to learn from and connect with industry leaders and port professionals from a variety of backgrounds. Use the on-line abstract/paper submission process to submit a proposal of 500 words or less about the proposed session. The proposal should include the following:

- Description of the presenter's qualifications and credentials
- Summary of the course content and duration
- Discussion of the applicability of the course to the topics of the conference
- Identification of the course target audience
- Description of the benefit of the course to conference attendees
- Proposed number of Professional Development Hours (PDHs) to be granted for course attendance.

For questions about technical short courses and the submission process, please contact the PORTS '22 Technical Short Course Chair Danielle Goudreau, P.E., M.ASCE at dgoudreau@collinsengr.com.

The PORTS '22 Organizing Committee will accept or reject proposed short courses based on the quality and content of the proposals.

PROPOSE TOPICS FOR DISCUSSION AT PORTS '22

Help shape the conference by proposing a topic for a panel discussion, round table discussion, or vendor presentation. Use the on-line abstract/paper submission process to submit a proposal of 500 words or less about the proposed session. In addition to the proposed topic, please include proposed panelists or round table participants.

For proposed topics or other Conference ideas process, please contact the PORTS '22 Organizing Chair William Bruin, P.E., D.PE, M.ASCE at wmbruin@sgh.com.

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KEY DATES

2021

May 13	Abstract Submission Open
June 23	Abstracts Due
August 18	Abstract accept/reject
November 17	Draft Papers Due

2022

February 16	Full Paper Review Comments
March 16	Final Papers Due from Authors
September 18	Conference Begins

ABSTRACT SUBMISSION

On-line abstract/paper submission is required at www.portsconference.org/call-abstracts. The instructions are provided on the site. Abstracts should be in English, should be 500 words or less, and should not include graphics/figures. Paper titles are limited to 100 characters. ASCE/COPRI membership is encouraged, but not required for submission.

In addition to the abstract, authors are required to respond to the following questions in 100 words or less for each question:

- How does this project / topic contribute to the advancement of the industry and profession?
- Does the project / topic implement new and innovative techniques, materials, technologies, and delivery methods?
- What was the most challenging aspect of your project/topic and how did you handle it to ensure success?
- Who is the target audience for this paper?

Authors whose abstracts are accepted and who submit a final paper are expected to attend the Conference, pay the appropriate fees, and make their presentation(s) in person. Authors will be required to register prior to the Early Bird Registration deadline in order to be included in the program.

For questions about the abstract/paper submission process, please contact copri@asce.org. The COPRI Ports and Harbors Committee will accept or reject proposed papers based on information provided on-line in the abstracts. To the extent possible and appropriate, papers will be assigned to conference technical sessions based on the track and session identified by the author and co-authors, as the best suited for their subject material. The Ports and Harbors Committee reserves the right to assign papers to other conference technical sessions other than the track and session identified by the author and co-authors.

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You're invited to take part!
Submit your paper abstracts today!

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