



2023 ANNUAL CONFERENCE

**INFRASTRUCTURE RESILIENCE
Through Risk Management**

APRIL 17-21, 2023



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Register early for the best pricing!

	EARLY BIRD		REGULAR		LATE/ONSITE	
	Available through January 31, 2023		February 1 – March 17, 2023		After March 17, 2023	
	Member	Non-member	Member	Non-member	Member	Non-member
Full Registration	\$995	\$1,170	\$1,095	\$1,270	\$1,195	\$1,370

FULL Registration includes all technical sessions, Marketplace activities, Thursday-only conference workshops, and Wrap Party.

Does not include Facilitators workshop, Field Tour, nor Thursday’s International Symposium on Dam Safety (separate fees).

Visit www.ussdconferences.org for more information and pricing for other registration options.

USSD President Welcome



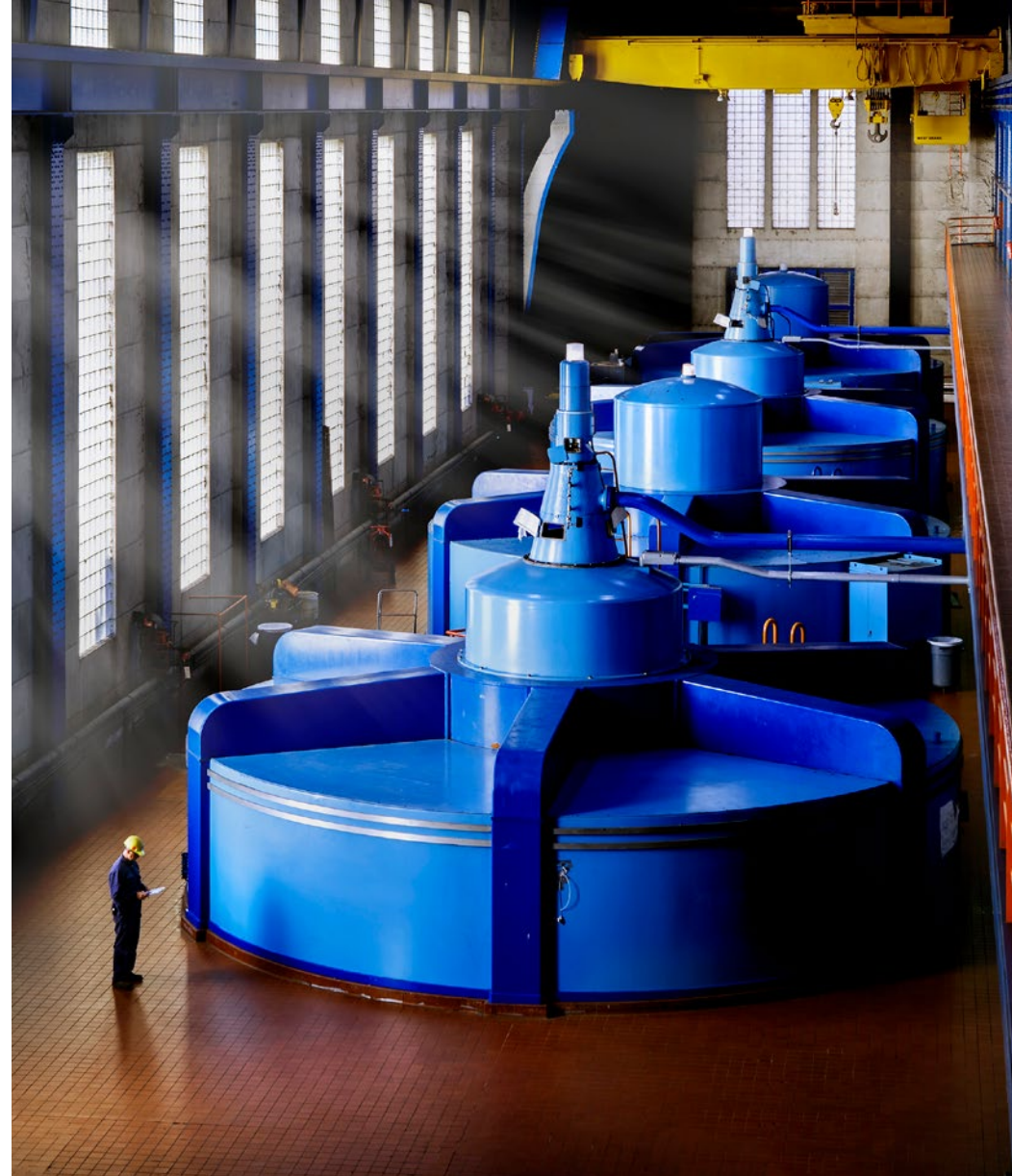
As the US Society on Dams President, it's my distinct pleasure to invite you to join us for our 2023 USSD Annual Conference, which will be held April 17-21, 2023 in Charleston, South Carolina. At this conference you'll be working and learning alongside the leaders of our industry as we address some of the most significant needs of our society: safe and reliable sources of water, clean and renewable power generation, effective protection against flooding, and a host of other challenges.

USSD is home to the “Best of the Best” dam and levee professionals in the country. The USSD and its members are leaders working at the forefront of multiple reservoir, hydropower, and flood protection issues – to name only a few – that serve our society.

The USSD, its workshops, and annual conferences are steadily growing as the magnitude of the issues we address become ever larger. Last year's conference in San Diego, focused on investing in our collective future through the sustainable development of dams and levees, was our largest and most successful ever. This year's conference theme is “Infrastructure Resiliency through Risk Management,” and is looking directly at the issues climate change is having on the structures and systems we safeguard and the people they serve. Our 2023 conference in Charleston will provide you with a wide range of opportunities to learn, network, participate and become active in our committees (we have 20 to choose from!) comprised of diverse and passionate professionals from all walks of life. Please join us!

Del Shannon

President, USSD Board of Directors



Technical Program Committee Chair



On behalf of the USSD Board and Conference Organizing Committee, it is my pleasure to invite you to the 2023 USSD Annual Conference in the beautiful historic waterfront city of Charleston, South Carolina.

The conference theme – Infrastructure Resiliency

through Risk Management – was born out of the need for greater understanding of how climate change impacts our weakening infrastructure. The conference will provide an immeasurable opportunity to consider these influences that we face as an industry and society by exploring the challenges and opportunities of climate change while at the same time increasing community acceptance related to diversity, equity, and inclusion (DE&I).

This will be an excellent forum to share industry good practices regarding the safety management of aging infrastructure, sustainable practices, and considerations for building new infrastructure, climate change reflections and implications on engineering, innovation and adoption of new technologies in operation and maintenance, application of risk-based

systems in design and assessment, and the value of DE&I to the industry. When there are diverse teams and an inclusive culture, we will undeniably realize greater innovation to meet these challenges for society.

We are seeing dramatic droughts, wildfires, and hurricanes worldwide, coupled with a global energy crisis that is compounded by geopolitical influences. In our changing world, USSD must be a key player in offering solutions to necessary adaptations for dams, levees, tailings dams, and hydropower caused by these challenges. I ask each of our members to pledge to play a part in this vision. USSD annual conferences are milestones in our efforts in achieving this vision.

So, I encourage our profession to gather for 2023 USSD in Charleston as we continue the work to meet our mission of empowering professionals to advance sustainable benefits of dams, levees, and tailings dams which are built and operated safely, efficiently, economically, and are environmentally sustainable and socially equitable.

Ed Toms

*Chair, USSD 2023 Conference
Technical Program Planning Committee*

2023 CONFERENCE TECHNICAL PLANNING COMMITTEE

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Aimee Corn

Vice Chair

Dennis Hogan

Denise Bunte Bisnett

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General Schedule

Times are subject to change. Final program and website will reflect any changes.

This year's agenda is packed with over 100 technical sessions, two plenary sessions, the Legacy Lecture, and five workshops all included with full registration. While the purpose of the conference is technical knowledge exchange, there will be plenty of time to network with colleagues and industry leaders during breaks, lunches and exhibit hall receptions. The Exhibit Hall will give you the opportunity to view the latest products and services from exhibitors. Full Conference registration also includes a ticket to the closing Wrap Party on Wednesday night at Patriots Point.

PRECONFERENCE WEBINARS

New this year are pre-conference webinars included with your registration. These virtual webinars are intended to set you up for success at the conference by helping you brush up on important terminology and concepts.

Topic Areas include:

- Dam Safety
- Hydraulics and Hydrology
- and more

These 1-hour webinars will take place March 21, March 23, March 29. Details will be posted on www.ussdconferences.org.

MONDAY, APRIL 17

7:00am-6:00pm	Registration Open
8:45am-11:30am	Legacy Lecture
11:45am-1:30pm	Board and Committee Leader Luncheon (invitation only)
12:30pm-5:30pm	Committee Meetings
6:00pm-7:30pm	Welcome Reception
7:30pm-9:00pm	YP Social (Firefly Distillery)

TUESDAY, APRIL 18

7:00am-5:30pm	Registration Open
7:00am-8:00am	YP Mentoring Breakfast
8:30am-10:00am	Plenary Session
10:30am-5:30pm	Technical Sessions
6:00pm-7:30pm	Exhibit Reception
8:00pm-10:00pm	Diversity, Equity, & Inclusion Reception (Church & Union ticketed event)

WEDNESDAY, APRIL 19

6:30am-7:30am	5K FUNds Run/Walk
7:00am-5:30pm	Registration Open
7:30am-5:30pm	Technical Sessions
6:30pm-9:00pm	Wrap Party (Patriots Point - ticketed event) 40 Patriots Point Rd. Mount Pleasant, SC 29464

THURSDAY, APRIL 20

7:00am-8:00am	Registration/Check In
8:00am-5:00pm	Workshops

FRIDAY, APRIL 21

7:00am-8:00am	Registration/Check In
8:00am-4:00pm	Field Tour (Santee Cooper)

Events



YP SOCIAL

- **Date:** Monday, April 17, 2023
- **Time:** 7:30-10:00pm
- **Location:** Firefly Distillery
- **Cost:** No fee but space limited to 150.
- **Capacity:** 200 - standing/flowing

Whether you are a Young Professional or Seasoned Professional, you are invited to join the YP Committee for a fun evening mingling with your colleagues and peers at the Firefly Distillery. This casual, indoor/outdoor venue features low country rustic-chic interiors. The evening will offer door prizes/giveaways, games, music, and lots of laughter as you catch up with old friends and meet new ones



NEW - DIVERSITY, EQUITY, & INCLUSION RECEPTION

- **Date:** Tuesday, April 18, 2023, 8:00pm-10:00pm
- **Location:** Church & Union, 32b North Market Street, Charleston, SC 29401
- **Ticketed Event:** \$50 per person (Limited to 150)
- **Dress Code:** Dress to Impress (dressy casual)

You're invited to join the DEI committee for an evening to remember at the stunning Church and Union Charleston, located on historic Market Street in downtown Charleston, SC. Whether you are dressed to impress or in your dressy casual attire, you will enjoy networking with colleagues in a breathtaking venue that features unique artwork and a ceiling with hand-written text of the "Art of War".

During the evening, Jennifer Donhaue, PhD, PE, PMP will share experiences from her military and civilian career with insights about how she gained traction to overcome barriers and how you can enact change in your own life.

Come hear Jennifer's journey on "Becoming a Warrior" and how you can become one too!

More information on Jennifer and her message will be posted on www.ussdconferences.org.

Detailed information and pricing will be posted on our website when it is available.

INTERNATIONAL DAM SAFETY SYMPOSIUM

Thursday, April 20, 2023, 8:00am-6:30pm

The purpose of the International Symposium on Dam Safety is to promote discussion and knowledge exchange for Dam Safety professionals across the globe for the purpose of advancing the field and ensuring the safety of dams globally. The program will touch on state-of-the-art concepts, methods, and technologies related to dam safety.

The event is being developed through the collaboration of the United States Society on Dams (USSD), Spanish National Committee on Large Dams (SPANCOLD), Brazilian Dam Committee (CBDB), and Chinese National Committee on Large Dams (CHINCOLD)

This event is being held in conjunction with the USSD Annual Conference but requires a separate registration form and fee to participate. Detailed agenda and registration information will be available by January 2023.

NEW - FUNDAMENTALS OF FACILITATING A SEMI-QUANTITATIVE RISK ANALYSIS

Live Virtual Component Thursday April 6, 10:00am-3:00pm EST
In Person Thursday, April 20 – Friday, April 21 at 8:00am-5:00pm EST

- 20 CEUs
- Additional Registration Fee (not included in conference registration)

The Dam and Levee Safety industry is in the process of adopting Risk-Informed Decision Making (RIDM) as a framework for identifying and managing risks associated with dams and levees. A core component of RIDM is risk analysis workshops. This course will provide training in the fundamentals of facilitating a semi-quantitative risk analysis (SQRA), including instruction in the facilitator's roles and responsibilities, and the essential facilitation skills, tools, and behaviors of a risk facilitator. In addition, examples, exercises, and breakout sessions will be provided where attendees will have an opportunity to try out these techniques and tools.

Venue & Area Information

CONFERENCE LOCATION

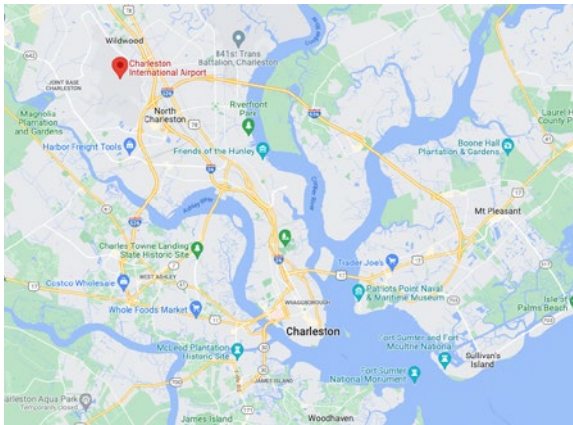
Charleston Area Convention Center

5001 Coliseum Dr, North Charleston, SC 29418

Visit www.ussdconferences.org for the most current information.

Airport Information

Charleston International Airport
5500 International Blvd. #101
North Charleston, SC 29418



Things To Do in the Area

[North Charleston Guide | Official Visitor's Guide \(charlestoncvb.com\)](http://charlestoncvb.com)

[North Charleston Tourism \(visitnorthcharleston.com\)](http://visitnorthcharleston.com)



Registration Information

<https://ussdconferences.org/>