

January 27-30, 2025 | Tampa, Florida

**Twelfth International Conference on the Remediation
and Management of Contaminated Sediments**

Call for Abstracts

ABSTRACTS DUE August 19, 2024



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#BattelleSediments25

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The **Twelfth International Conference on Remediation and Management of Contaminated Sediments** will be held January 27-30, 2025, in Tampa, Florida, at the JW Marriott Tampa Water Street (510 Water Street, Tampa, FL, 33602) and Tampa Marriott Water Street (505 Water Street, Tampa, FL, 33602). Battelle has organized and presented this premier international technical conference since 2001.

The 2023 Sediments Conference was attended by more than 1,200 environmental professionals from 21 countries. A comprehensive technical program was conducted with nearly 500 platform talks and posters presented in 47 breakout sessions and 5 panel discussions. Battelle also hosted more than 75 exhibitors over the length of the program.

The 2025 Conference will be designed for and presented by scientists, engineers, regulators, remediation site owners, constructors, and other environmental professionals representing universities, government agencies, consultants, and R&D and service firms from around the world. It will be a forum for sharing research results, practical experiences, and opportunities associated with investigating, remediating, and restoring the environmental and economic vitality of waterways. Managing these aquatic systems requires complex actions that affect a diverse group of stakeholders and touch a wide range of environmental, economic, political, and social issues.

Sponsors and Exhibitors are public- and private-sector organizations active in environmental assessment, remediation, and management.

Conference Overview

Short courses will be offered on Monday, January 27, 2025. The Plenary Session will convene Monday evening, after which the Welcome Reception and Exhibit Hall will open. The technical program will be conducted Tuesday, January 28, through Thursday, January 30, with platform talks and panel discussions during the day and poster receptions Tuesday and Wednesday evenings. A student poster competition will be held, and networking and career development opportunities will be provided for students and young professionals during the Conference.

We hope you will submit an abstract to be considered for the program. Abstracts are due August 19, 2024. The program will be developed based on the abstract review conducted by the Program Committee and the Session Chairs.

The platform and poster sessions will be organized around the following major themes:

- Characterization, Assessment, and Monitoring
- Environmental Processes and Modeling
- Management Approaches and Policy
- Remediation and Restoration Planning
- Remedy and Restoration Implementation

See page 4 for the anticipated scope of the technical program and page 5 for information on preparing and submitting an abstract.

The Conference is Organized and Presented by Battelle

Battelle's environmental engineers, scientists and professionals offer focused expertise to government and industrial clients in the U.S. and abroad. Combining sound science and engineering solutions with creative management strategies, Battelle works with clients to develop innovative, sustainable and cost-effective solutions to complex problems in site characterization, assessment, monitoring, remediation, restoration, and management.

Every day, the people of Battelle apply science and technology to solving what matters most. At major technology centers and national laboratories around the world, Battelle conducts research and development, designs and manufactures products and delivers critical services for government and commercial customers. Headquartered in Columbus, Ohio, since its founding in 1929, Battelle serves the national security, health and life sciences and energy and environmental industries.

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Conference Sponsors

The following organizations have made financial contributions toward the general costs of planning and conducting the Conference.



Sponsorship Opportunities

For information about sponsorship, see the **Conference Sponsors & Exhibitors** page.

Technical Program Scope

Examples of anticipated presentation topics are listed below. The list is numbered to provide an easy means of referencing these topics on your abstract submittal form; see the "Submittal" paragraph on page 5.

This is not a list of sessions, nor is it a comprehensive list of topics. Abstracts are welcome on all relevant topics.

Characterization, Assessment, and Monitoring

- 1a. Characterization and Remediation of PFAS-Contaminated Sediments
- 1b. Chemical/Toxicological/Biological Measurements and Monitoring
- 1c. Contaminant Forensics
- 1d. Field Sampling Methods and Techniques
- 1e. Innovative Characterization and Assessment Approaches
- 1f. Innovative Characterization and Assessment Tools
- 1g. Long-Term Monitoring Strategies
- 1h. Nanomaterials, Microplastics and Other Emerging Contaminants
- 1i. Advances in Passive Sampling Methods
- 1j. Passive Sampler Case Studies
- 1k. Source ID, Loading Assessment, and Control

Environmental Processes and Modeling

- 2a. Contaminant Bioavailability and Bioaccumulation
- 2b. PFAS Bioavailability and Bioaccumulation
- 2c. Food Web Studies and Models
- 2d. Ecological and Human-Health Risk Assessment
- 2e. Contaminant Fate and Transport in Sediments
- 2f. Ebullition
- 2g. Advanced Data Analysis and Decision Tools
- 2h. Artificial Intelligence and Other Advanced Data Processing Tools
- 2i. Groundwater/Sediment/Surface Water Interactions
- 2j. Hydrodynamics and Sediment Transport

Management Approaches and Policy

- 3a. Adaptive Management Approaches
- 3b. Climate Change Resiliency and Adaptation
- 3c. Communication and Facilitation with Stakeholders
- 3d. Remedial Cleanup Objectives and Approaches for Optimized Remedial Development
- 3e. Determining Background
- 3f. Great Lakes Legacy Act Successes and Challenges

- 3g. International Experiences in Contaminated Sediment Remediation
- 3h. NAPL and MGP Sites
- 3i. Remedy Cost Allocation Considerations and Alternative Financial Models
- 3j. Site Management Decision Strategies
- 3k. Environmental Justice Considerations in Sediment Projects

Remediation and Restoration Planning

- 4a. Remedial Design Considerations
- 4b. Dredging Design and Dredged Material Handling and Disposal
- 4c. Beneficial Use of Contaminated Sediments
- 4d. Cap Design
- 4e. Cap Modeling
- 4f. Sustainability: Environmental Metrics, Stakeholder Values, and Cost Benefits
- 4g. Restoration, Revitalization, and Redevelopment Strategies
- 4h. Monitored Natural Recovery (MNR) and Enhanced MNR
- 4i. In Situ Treatment Amendments
- 4j. Geotechnical Engineering Considerations

Remedy and Restoration Implementation

- 5a. Dredging Case Studies
- 5b. Cap Construction and Operation
- 5c. In Situ Stabilization
- 5d. Field-Scale Application of In Situ Treatment Technologies
- 5e. Restoration, Revitalization, and Redevelopment Case Studies
- 5f. Lessons Learned in Remedy Implementation
- 5g. Monitoring and Evaluating Remedy Effectiveness
- 5h. Remediation of Ports, Harbors, and Urban Waterways
- 5i. Sediment Bioremediation
- 5j. Successfully Combining Remedies
- 5k. Structural Assessment and Infrastructure Issues in Remedy Implementation
- 5l. Engineering with Nature

Site- or Regional-Specific Session Interest

The Program Committee is open to developing site- and/or regional-specific sessions. Please contact sedimentscon@battelle.org with specific interest.

Program Committee

Conference Chairs

Eliza Kaltenberg, Ph.D. (Battelle)
Sam Moore (Battelle)

Technical Steering Committee

Nicolette Andrzejczyk, Ph.D. (U.S. Navy/NAVFAC EXWC)
Chance Asher (Washington State, Department of Ecology)
Helder Costa (Haley & Aldrich, Inc.)
Kristen Kerns (U.S. Army Corps of Engineers)
Janet Knox, LG (Mott MacDonald)
Lisa Lefkovitz, PMP (Battelle)
Chris McCarthy, CSE, IBERA Diplomate (Jacobs)
Marc A. Mills, Ph.D. (U.S. EPA, Office of Research and Development)
Ram Mohan, Ph.D., PE, F.ASCE (Anchor QEA & Texas A&M University)
Roger Santiago (Environment and Climate Change Canada)

Abstract Preparation and Submittal

Abstracts are due August 19, 2024.

The program will be developed through a multilevel review by the Program Committee and the session chairs, beginning in August 2024. **To ensure full opportunity for placement in the program, abstracts should be submitted no later than August 19, 2024.** Because more than 600 abstracts are expected, abstracts must be well-written, clearly and concisely outlining the material being proposed for presentation. Abstracts with a pronounced commercial slant will not be accepted. Abstracts must convey the information reviewers will need to assess the scope of the work and the data likely to be available at the time of the presentation, determine its relevance, compare it with other proposed presentations, and, if accepted for the program, assign it to an appropriate session.

Participation as a platform or poster presenter in the Conference technical program has certain responsibilities that are required to ensure a productive and successful event for all attendees.

Primary (corresponding/presenting) authors should be confidently committed in their ability to attend the in-person Conference and should read, understand, and agree to the abstract submission and program acceptance policies found on the submission form before submitting an abstract for the technical program.

Format, Content & Required Subheadings. Abstracts must be in English and cannot exceed one standard-size page. Format requirements and an example abstract are available on the **Abstract Specifications and Submittal** page.

NOTE: Abstracts must be organized under the following required subheadings—**Background/Objectives, Approach/Activities, and Results/Lessons Learned.**

Submittal. Abstracts are to be submitted online only via the link on the **Abstract Specifications and Submittal page.** **Abstracts submitted by email will not be accepted or reviewed.** The submittal form will require complete contact information (postal mailing address, phone number, and email) for the corresponding/presenting author and, at minimum, an email address for all co-authors so they can be notified of the submission.

Session placement suggestions and format preference (platform or poster) may be entered on the submittal form. Final placement and format decisions are not guaranteed and will be based on the best overall design of the Conference program.

Notification of Acceptance/Placement. In late October 2024, the corresponding/presenting author of each abstract will be notified by email of the placement decision. If the abstract was accepted, this email will state the session and format (platform or poster) to which it was assigned and provide information on preparing the presentation and submitting an updated abstract shortly before the Conference. Corresponding/presenting authors will have 30 days to register for the Conference after receiving their acceptance notification.

Inquiries. Questions about abstract preparation and submittal should be addressed to sedimentscon@battelle.org.

No financial assistance is available to support registration or other costs of attending the Conference. All presenting authors (platform and poster), session chairs, and panel moderators/participants are expected to register and pay the applicable technical-program registration fees.

This policy is necessary because registration fees are the major source of funding for the Conference and a significant percentage of registrants will make presentations or chair sessions.

Student Participation

Students are encouraged to attend the Conference and will find their participation valuable to their career development. In addition to the technical information gained by attending presentations and visiting exhibits, students will be able to meet and talk with environmental professionals representing a wide range of work experience and employers.

Reduced Registration Rate. The student rate is approximately half the university rate and provides full access to all technical sessions, exhibits and meals. Full-time students are eligible; documentation of current enrollment is required.

Student Poster Competition. Students with abstracts accepted for the technical program as poster presentations will be given the opportunity to participate in a poster competition. Posters will be judged by a panel of experts and the winner in each poster group will receive a \$500 prize at the end of each poster reception. Student registrants will be contacted by the Conference Office closer to the Conference to opt-in to participate.

Student Scholarships. A sponsorship opportunity is being offered to fund student scholarships. Scholarship funds will be used to financially support a student's on-site attendance at the Conference. Scholarships will be open to any student who is enrolled in a 4-year college or university, pursuing a degree in an environmental field of study or similar and will provide conference registration and travel funding.

Scholarship recipients will be selected by a Battelle committee and based on the personal statement of need and the expected benefit shared by the student.

Additional participation information will be published on the **Student Participation** page as soon as available. For Sponsors interested in participating, please see the **Sponsors and Exhibitors** page for the link to the Registration site where sponsorship opportunities are published.

Short Course Proposals

Proposals are due August 30, 2024.

Courses on topics within the general scope of the Conference will be offered on Monday, January 27, the day before the technical program begins.

The link to the **Short Course Proposal Form** can be found on the Conference website on the **Short Courses** page.

Proposals will be evaluated, and the point of contact will be notified of the results by September 30, 2024. Accepted courses will receive information about scheduling and how course registrations will be handled. Course descriptions will be posted on the website in October 2024.

Inquiries. Questions about course proposals should be addressed to sedimentscon@battelle.org.

Learning Lab Proposals

Learning Lab Proposals are due August 30, 2024.

Generate exposure, demonstrate use, or solicit feedback for a technology, software, prototype, or tool in a 25-minute, hands-on demonstration, or user experience, in the Learning Lab. If selected, there is no additional fee to participate. Selection decisions will be based on the best overall design of the Conference program.

The link to the **Learning Lab Proposal Form** can be found on the Conference website on the **Learning Lab** page.

Proposals will be evaluated, and the point of contact will be notified of the results by September 30, 2024. Learning Lab descriptions will be posted on the website in October 2024.



Exhibits

Exhibit space will open for general sale on September 9, 2024.

Organizations that provide sediment assessment, remediation, and management services and products are invited to exhibit. Exhibitors will have the opportunity to present information to a focused audience of more than 1,000 people who acquire and use environmental management products and services at industrial and government sites around the world. Breakfast, beverage breaks, and poster receptions will be hosted in the Exhibit Hall.

Booth Selection. Conference sponsors will be contacted in late August, before general sales open, to select their booth spaces. Exhibits will open for general sale September 9, 2024. The **Sponsors and Exhibitors** page will contain links to the Exhibitor terms and conditions, the application form, and the floor plan showing available spaces.

Exhibit Fee and Payment. The fee for a 10-ft x 10-ft booth is \$3,600 if payment is made by October 18, 2024, and \$3,800 if paid later. The fee includes a 6-ft. skirted table, 2 standard side chairs, and a wastebasket. Space will be assigned on a first-come, first-served basis, according to receipt of completed application and payment. See the **Sponsors and Exhibitors** website for additional details.

Inquiries. Please contact Susie Warner (The Scientific Consulting Group, Inc.) at 301.670.4990, or send an email to sediments2025@scgcorp.com.

Closing Reception Sponsors



Registration

By August 30, 2024, a link to online registration will be available on the **Registration** page. Exhibit booth staff will be registered by their exhibit managers. Short course registration information will be added to the website in October 2024.

The following technical program registration fees cover admission to all platform and poster sessions, exhibits, group daily continental breakfasts, refreshment breaks, group lunches, and receptions.

	Paid by Nov. 11, 2024	Paid after Nov. 11, 2024
Industry	\$1,050	\$1,125
Govt/Univ*	\$925	\$1,025
Student**	\$450	\$500

** The university fee applies to full-time faculty and other teaching and research staff, including post-doctoral students.*

*** The student fee is reserved for full-time students through PhD candidates whose fees will be paid by their universities or who will not be reimbursed for out-of-pocket payment. Documentation of current enrollment is required.*

See the **Registration** page for a complete list of terms and conditions. Registration terms and conditions are subject to change without notice and are applicable to all levels of registration, including booth staff and Sponsor/Exhibitor discounted registrants. No one under 18 years of age will be admitted to any conference event, including Exhibitor setup/teardown unless registered as a student. Valid student ID required upon checkin.

Payment. Payment is required to confirm registration and registration discounts apply only to payments received by the specified dates. Checks will be accepted for registrations made through November 11, 2024. Beginning November 12, 2024, payment may only be made by major credit card. Discover card and purchase orders are not accepted at any time. Fees are not transferable to other Battelle Conferences. Conference information meant for attendees only (e.g., links to mobile apps, abstracts, and registration lists) will be sent only to individuals that are paid in full.



Conference Venue & Hotel

The Conference will be held at the **JW Marriott Tampa Water Street** (510 Water Street, Tampa, FL, 33602) and **Tampa Marriott Water Street** (505 Water Street, Tampa, FL, 33602). Information on room rates and reservation options will be available on the **Venue: Hotel and City** page in August 2024.

The JW Marriott Tampa Water Street and Tampa Marriott Water Street are conveniently located in the heart of Downtown Tampa and offer the best of the city just steps away. Close to entertainment at Amalie Arena and Bush Gardens Tampa Bay and attractions like Sparkman Wharf, Florida Aquarium, Armature Works, and historic Ybor City, the hotels are also convenient to outdoor activities like walking paths, cycling, and kayaking. visittampabay.com

Conference Room Blocks. Room blocks have been set aside at the JW Marriott Tampa Water Street and Tampa Marriott Water Street for Conference attendees. The rates below are in effect for reservations made by January 13, 2025, unless rooms in the block sell out before that date.

The group rate at the JW Marriott Tampa Water Street is \$329 per night (single/double) plus applicable taxes, fees, and assessments. Subject to availability of rooms at the time reservations are made, the Conference group rate can be used for check in at the JW Marriott Tampa Water Street as early as Friday, January 24, and check out as late as Friday, January 31.

The group rate at the Tampa Marriott Water Street is \$299 per night (single/double) plus applicable taxes, fees, and assessments. Subject to availability of rooms at the time reservations are made, the Conference group rate can be used for check in at the Tampa Marriott Water Street as early as Friday, January 24, and check out as late as Friday, January 31.

Inquiries

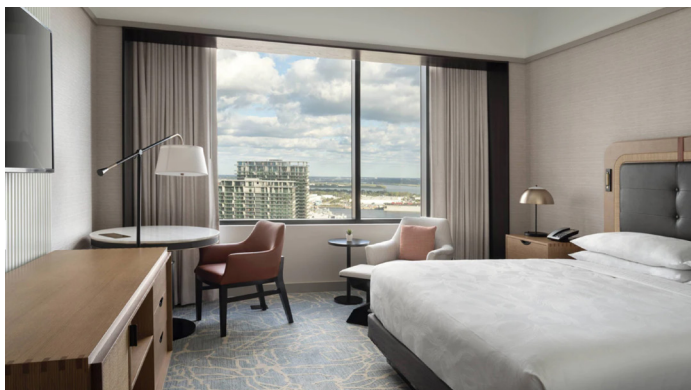
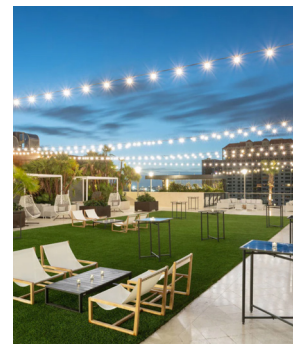
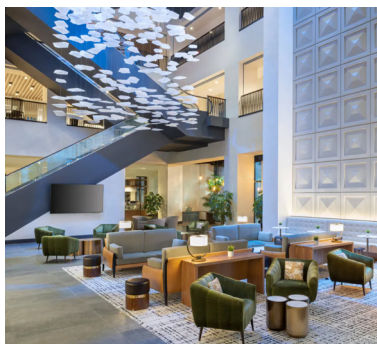
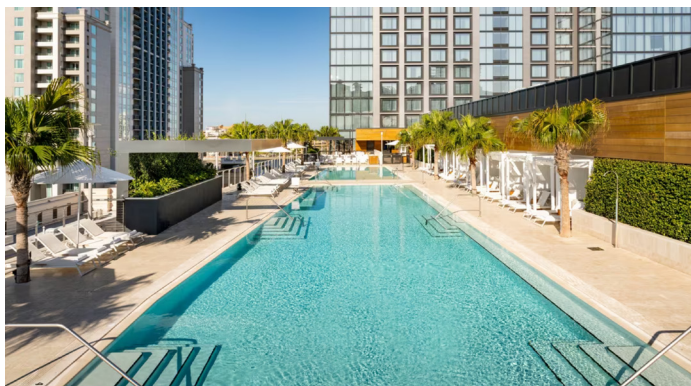
Sediments Conference Office
sedimentscon@battelle.org

Conference sponsorship, exhibits, and registration:

Susie Warner (The Scientific Consulting Group, Inc.)
sediments2025@scgcorp.com
phone: 301.670.4990 | fax: 301.670.3815

The Sediments Conference has group rate agreements with the JW Marriott Tampa Water Street and the Tampa Marriott Water Street. We have not partnered with any travel agency or third-party for travel/hotel discounts. If you receive a call or an email offering assistance in making hotel reservations or changing existing reservations, we advise caution. The Conference has no agreement with any organization to contact participants and offer reservation assistance, nor have we provided attendee contact information to anyone for that purpose.

Please use only the reservation links provided on the “Venue: Hotel and City” page on the Conference website (available in August 2024) to make hotel reservations.



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