ICR25

April 21-23, 2025 | Washington, D.C.

ICR25 brings together the world's brightest minds to solve the resilience challenge. This year's theme, "**Partner, Accelerate, Launch**," highlights the critical need for innovative solutions to reach commercialization and impact resilience.

CONFERENCE FOCUS AREAS

ADAPTATION   **MITIGATION**   **SUSTAINABILITY**

ICR is attended by environmental professionals, scientists, researchers, students, and leaders from the Department of Energy, National Labs, Department of Defense, industry, and academia. This community comes together to discuss transformative ideas and explore real solutions to address threats to our environment, health, communities, national security and economic well-being.

The program includes an evening opening keynote and reception, a day and a half of technical presentations and panel discussions, an evening poster reception and a closing reception.

An archive of ICR22, ICR23, and the ICR24 keynote videos can be found **here**.

ICR25 Location

The Ronald Reagan Building and International Trade Center

(1300 Pennsylvania Ave. NW, Washington, D.C.)

ICR25 is organized and presented by **BATTELLE**

Technical Program Overview

Abstracts are due January 10, 2025.

April 21, 2025: Opening evening session with keynote followed by an evening poster session and reception.

April 22-23, 2025: Technical programming with keynotes, platform talks, and panel discussions interspersed with meals, beverage breaks, and an additional evening poster session and reception as well as a closing reception.

ICR25 Technical Showcase

The Technical Showcase will spotlight hands-on demonstrations highlighting specific technologies, tools, and software.

If you have a technology and are seeking partners, investors, or both, this is the prime opportunity to showcase it.

ICR25 Important Dates

ABSTRACTS

Abstract Submission Deadline
Friday, January 10, 2025

Abstract Acceptance Notification
Friday, Feb 7, 2025

REGISTRATION

Early Bird Registration Deadline
Friday, February 21, 2025

Standard Registration Closes
Monday, April 14, 2025

Technical Program Committee

Conference Chairs

Jackie Kerber
Sustainability Manager
Battelle

Justin C. Sanchez, Ph.D.
Technical Fellow
Battelle

Technical Steering Committee

Jill Brandenberger, M.S.
National Security Advisor
Pacific Northwest National Laboratory

Elizabeth Doris, LP.D.
Director, Joint Institute for Strategic Energy Analysis
National Renewable Energy Laboratory

Allen Fawcett, Ph.D.
Director of the Joint Global Change Institute
Pacific Northwest National Laboratory

Amy Heintz, Ph.D.
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Brad Ives
Executive Director
Institute for Energy Innovation
Louisiana State University

Sahil Jain
VP of Strategy
Newlab

Cara Libby
Technical Executive
Renewable Energy
EPRI

Joseph L. Wilkins, Ph.D.
Assistant Professor
Howard University

Examples of anticipated presentation topics are listed below. This is not a list of sessions, nor is it a comprehensive list of topics. Abstracts are welcome on all relevant topics.

PROGRAM THEMES

ADAPTATION	MITIGATION	SUSTAINABILITY
1a. Investing in Resilient Infrastructure • Strategies and innovations in designing, funding, and implementing infrastructure that can withstand the evolving challenges of environmental change, highlighting examples of infrastructure design and best practices. **1b. Risk Assessment for Government, Commercial, and Civilian Resilience** • Approaches to identifying and mitigating risks across governmental, commercial, and civilian sectors, including the importance of cost-benefit analysis to inform decision-making. **1c. Transitioning Nature-Based Solutions (to Market)** • Commercialization and scaling of nature-based solutions to address adaptation needs effectively, including the latest innovations in nature technology. **1d. Innovative Technologies for Resilience** • Highlight cutting-edge technologies that bolster resilience against environmental impacts, focusing on practical applications and scalability. **1e. Prioritizing Resilience: Policy, Collaboration, and Environmental Impacts** • Examine policies and collaborative efforts that prioritize resilience, emphasizing the importance of environmental justice for vulnerable communities.	**2a. Market Mechanisms (technology & process) for Carbon Neutrality** • The role of emerging technologies, processes, and carbon credit markets in creating market-based solutions for achieving carbon neutrality. **2b. Solutions for Challenges to Health** • Emphasizing innovative solutions and the co-benefits of mitigating change for health outcomes. **2c. Carbon Capture & Storage: Scaling** • Explore the challenges and opportunities in scaling carbon capture and storage technologies to meet global mitigation goals. **2d. Investing in Future Energy Solutions** • Explore the intersection of advanced green energy technologies—such as geothermal, the hydrogen economy, large-scale renewable energy generation, and bulk energy storage—alongside sustainable nuclear power expansion. This session will discuss how these energy solutions can drive investment returns, significant cost savings, and contribute to global decarbonization efforts. **2e. Artificial Intelligence (AI) Solutions for Resiliency** • Examine the applications of artificial intelligence in enhancing mitigation efforts, from predictive analytics to optimizing energy use.	**3a. Entrepreneurship in Sustainability** • Showcase innovative startups that are driving sustainable practices across industries and sectors. **3b. Water and Air Quality Technologies** • Discuss the latest advancements in technologies that improve water and air quality, contributing to a more sustainable environment. **3c. Nutrition, Food Security, and Agriculture** • Explore sustainable agricultural practices that enhance food security and nutrition while reducing environmental impacts. **3d. Strategies for a Successful Sustainable Economy** • Outline actionable strategies and frameworks for transitioning to sustainable practices at scale, ensuring long-term success. **3e. Translating Science into Effective Policy & Community Acceptance** • Investigate methods for effectively translating science into policies that gain community acceptance and drive meaningful change. **3f. Critical Materials** • Highlight advancements in critical minerals and rare earth element (REE) processing, alternatives, and circularity. **3g. Global Deployments in the Age of Research Security** • Analyze how new research security requirements are impacting the global deployment of clean technologies and strategies for success in international markets.

Submit your abstract today

Abstract Preparation and Submittal

Abstracts are due January 10, 2025.

To ensure full opportunity for placement in the program, abstracts should be submitted no later than January 10, 2025. The abstract submission portal will remain open until we reach program capacity and the agenda will be finalized by the technical program committee.

All presenting authors and session chairs are expected to register and pay the applicable technical program registration fees.

Financial assistance is not available for registration or other conference costs and no exceptions are make to this policy.

Abstract Requirements

- Abstracts must be well-written in English to clearly and concisely outline the material submitted.

- Abstracts with a pronounced commercial slant will not be accepted.

- Abstracts must convey the information that reviewers need to assess the scope of the work and the data likely to be available at the presentation, determine its relevance, compare it with other proposed presentations, and assign it to an appropriate session if accepted for the program.

Abstracts must be organized under the following required subheadings:

1) **Background/Objectives:** State the problems, situations, and objectives that led to the work intended to be presented. For pilot- or field-scale work, briefly summarize the history and other pertinent conditions of the site(s). If the site(s) cannot be named for reasons of confidentiality, provide enough information to establish context.

2) **Approach/Activities:** Describe the project scale (*e.g.*, laboratory, field) and identify the scientific principles, technology, or combination of technologies being studied.

3) **Results/Lessons Learned:** Mention any results that can be discussed now and describe the types of data and analyses expected to be available at the time of presentation.

Abstract Submission. 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 for all co-authors. Session placement suggestions may be entered on the submittal form. However, acceptance, final placement, and format preference cannot be guaranteed. Final decisions will be based on the best overall design of the conference program.

Notification of Acceptance/Placement. In early February 2025, the corresponding/presenting author of each abstract will be notified by email of the placement decision. If the abstract is accepted, this email will state the session and format to which it has been assigned and provide information on preparing the presentation.

Inquiries. Submit questions about abstract preparation and submission to **ICR@battelle.org**.

Submit your abstract today

Registration

The following technical program registration fees cover admission to all technical sessions and keynote presentations, daily continental breakfasts, beverage breaks, group lunch, opening evening program and evening poster reception.

	Early-Bird (By Feb. 21)	Standard (After Feb. 21)	Onsite (Starting Apr. 21-23)
Industry	$799	$849	$899
Government	$699	$749	$799
University*/Non Profit	$629	$649	$699
*The university fee applies to full-time faculty and other teaching and research staff, including post-doctoral students.			
Student**	$349	$399	$449
**The student fee is reserved for full-time students through Ph.D. 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.			

Registration discounts apply only to payments received by the specified dates.

Registration terms and conditions are subject to change without notice and are applicable to all levels of registration. No one under 18 years of age will be admitted to any conference event unless registered as a student; valid college or university student ID required at check-in.

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 February 21, 2025. Beginning February 22, 2025, payment can only be made by major credit card. Discover card and purchase orders not accepted. Fees are non-transferable to other Battelle conferences. Conference information is meant for attendees only (*e.g.*, conference-specific links, abstracts, etc.) will be sent only to registered and paid attendees.

ICR25 Office
ICR@battelle.org

Registration & General Inquiries phone:
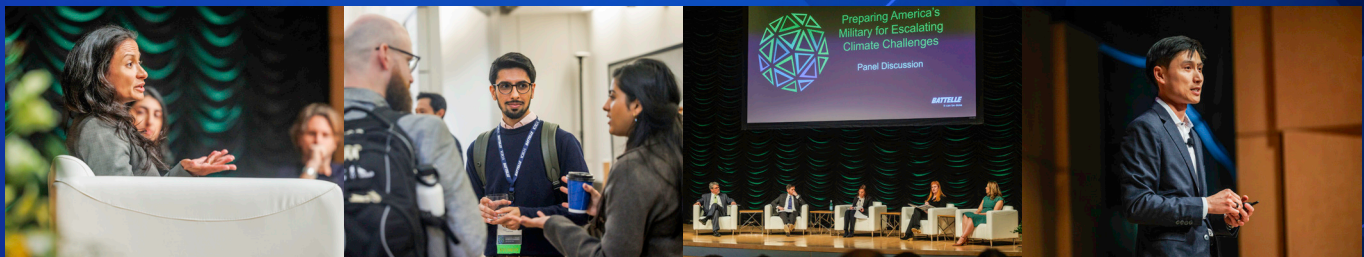Susie Warner (swarner@scgcorp.com)
or 301.670.4990

ICR25 is organized and presented by Battelle

Every day, the people of Battelle apply science and technology to solving what matters most. At major technology centers and national laboratories worldwide, our teams conduct research and development, design and manufacture products and deliver 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, energy, and environmental industries.

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, we work with clients to develop innovative, sustainable, cost-effective solutions to complex problems in site characterization, assessment, monitoring, remediation, restoration, and management.

BATTELLE

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