



**EDUCATION &
OPPORTUNITY**
IN RADWASTE MANAGEMENT
A NON-PROFIT ORGANIZATION

“Reducing Risk Through Sound Technical Solutions”

**Virtual Annual Conference WM 2021
March 8-12, 2021**

PRESENTATION OVERVIEW



1. WMS Mission Statement
2. WMS Guiding Principles
3. Goal of WM Symposia
4. WMS Technical Program
5. WM2021 Theme/ Platform
6. Virtual WM2021 Highlights
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1.0 WMS MISSION STATEMENT



MISSION STATEMENT

“By holding the annual Waste Management Symposia (WMS) international conference for the management of radioactive waste and related topics, WMS provides the premier open forum for discussing and seeking safe, environmentally responsible, technically sound and cost effective solutions to the management and disposition of radioactive wastes and the decommissioning of nuclear facilities to enhance the transparency and credibility of the global radioactive waste industry.”



2.0 WMS GUIDING PRINCIPLES



Guiding Principles

1. We value Technical Excellence and Business Innovation, and WMS provides a forum for independent and open exchange of information.
2. We value International Participation to improve global management of radioactive wastes.
3. We believe in Education and Mentoring to prepare the next generation of nuclear waste professionals with use of funds from the conference.
4. We believe in Exceeding Customer Expectations by providing a relevant conference with good value by listening to their feedback.
5. We believe in the value of Networking and provide a venue for face-to-face interactions and development of professional relationships.
6. We value our Attendees, Exhibitors, Sponsors, Speakers and Volunteers as all are integral to the success of the WM Conference.
7. We value diversity in all aspects of WMS activities and offerings.
8. We believe the WM Conference provides an excellent forum to ensure the Safe Management of Radioactive Wastes for current and future generations.



3.0 GOAL OF WM SYMPOSIA



Premier International Conference for Radioactive Waste Management

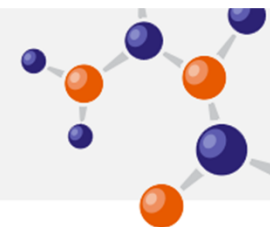
Goal: Promote Innovation & Collaboration around the World and sponsor the next generation of talent for careers in the nuclear life cycle.

When we're live -

- Nearly 30 Countries
- 2000+ Engineers, Scientists, Regulators, Stakeholders, and Students
- 400+ Papers
- 140+ Sessions
- 60+ Panels
- 3 Student/Intern Poster Sessions
- 175 Companies & Organizations Represented in the Exhibit Hall



4.0 WMS TECHNICAL PROGRAM



10 Tracks – Major divisions related to waste type or areas relating to nuclear programs, transportation, environmental remediation and analysis. WMS has 10 Tracks as follows:

- Track 1 Crosscutting Policies and Programs (CPP)**
- Track 2 High-Level Radioactive Wastes, Spent Nuclear Fuel/Used Nuclear Fuel (SNF/UNF) and Long-Lived Alpha/Transuranic Radioactive Waste (HLW)**
- Track 3 Low-Level, Intermediate Level, Mixed Waste, NORM, & TENORM (LLW)**
- Track 4 Nuclear Power Plant Waste & On-Site SNF/UNF Management (NPP)**
- Track 5 Packaging and Transportation (PAT)**
- Track 6 Decontamination & Decommissioning (D&D)**
- Track 7 Environmental Remediation (ER)**
- Track 8 Communications, Education and Training (CE&T)**
- Track 9 Special Topics Including Safety, Security, & Safeguards (ST)**
- Track 10 Miscellaneous: Unassigned & Late Abstracts, & Non-Paper Posters MISC)**



Technical Program – Program Advisory Committees



Purpose: Develop the Technical Program, Organize, Manage and Hold Sessions at the Conference. Stimulate the submittal of abstracts and panels and encourage conference attendance worldwide.

Program Advisory Committee (PAC)

International Program Advisory Committee (IPAC) -



PAC/IPAC Meetings and Schedules



PAC Meetings are generally held 4 times a year in the USA:

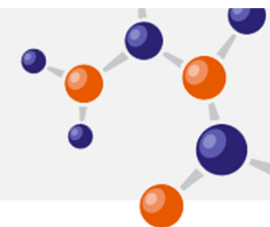
- 4 PAC Meetings at the Symposium—Saturday evening, Thursday morning, lunch and evening
- 1 PAC Meeting at the Program Development Meeting (PDM) in mid-September

International PAC (IPAC) meetings are generally held 4 times a year:

- 1 US IPAC Meeting at the March Conference on Sunday afternoon
- 1 US IPAC Meeting at the PDM on Sunday afternoon
- Two other IPAC Meetings outside the US; 1 in Europe and 1 in Asia



5.0 WM2021 THEME/PLATFORM



“Reducing Risk Through Sound Technical Solutions”

Virtual Conference Platform

- Live and Pre-Recorded On-Demand Panel Sessions
- On-Demand Oral Paper Presentation Sessions
- Student Posters
- Virtual Exhibitors



6.0 VIRTUAL WM2021 HIGHLIGHTS



Featured Sites

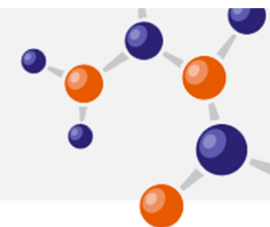
- Hanford Reservation (Richland, WA) and
- Energy Technology Engineering Center (ETEC) at Santa Susana Field Laboratory (Simi Valley, CA)

NRC RIC Special Sessions of Interest

- 4 Panel: Issues & Recent Developments in Security of Nuclear Sector
- 5 Panel: Indigenous Perspectives on Risk Assessment
- 15 Panel: Commercial LLW Management: Global
- 29 Panel: Japan Fukushima Daiichi Decommissioning Update (1/2)
- 30 Panel: Robotics/ Remote Control Technology at Japan Fukushima Daiichi (2/2)
- 33 Panel: The IAEA - Ensuring Capacity Building and Information Exchange With 21st Technology
- 69 Panel: Advanced Fuel Cycle Program Update
- 88A Panel: Addressing the Impact of the Back End of Advanced Reactor Fuel Cycles
- 88B Panel: US NRC – Current and Emerging US NRC Regulatory Topics
- 96Panel: HLW Repository: Status and Next Steps
- 105A Panel: Efficient and Effective Waste Management During the D&D of NPP: Worldwide



Featured Virtual Content



- Monday, March 8 at 11:40 EST will be the Hot Topics in US DOE Environmental Management panel featuring government and industry world leaders speaking on the pressing issues facing radioactive waste management in 2021 and beyond.
- Monday, March 8 at 3:00 EST will be a featured topic panel Radioactive Waste Operations Post COVID – Lessons Learned from the Pandemic with panelists focusing on the conditions, effects and responses resulting from disrupted operations due to COVID19.
- Tuesday, March 9 at 8:30 EST will present the first of two panels focusing on the Japan Fukushima Daiichi Decommissioning Update.
- Wednesday, March 10 at 10:45 EST will be a new type of WMS panel, sharing information from two different conferences! This panel focuses on the exchange of information with the US NRC Regulatory Information Conference (RIC) and WM2021. A one-hour live virtual joint session will be held to provide information to both attendees with an overview of the contents and major program activities taking place at the RIC and at WM2021.
- Thursday, March 11 at 10:00 EST will be the live US DOE Spring Quarterly Business Opportunity Forum. Mr. Norbert Doyle, Deputy Assistant Secretary, Acquisition & Project Management, Office of DOE EM will review the status of every major EM procurement under way and EM progress in awarding these contracts.
- Thursday, March 11 at 10:00 EST will be a panel discussion on Global STEM Initiatives – with STEM Zone activities available online Thursday, as well.
- Friday, March 12 at 11:40 EST will be the panel: Collaboration Across Borders to Deliver Cleanup and Decommissioning Challenges. The session will engage panelists from DOE-EM, the NDA from the UK and AECL in Canada and discuss the activities undertaken under the trilateral agreement, signed by the three organizations at WM2020.



7.0 ROY G. POST FOUNDATION



The Roy G. Post Foundation is a non-profit organization that was formed to provide scholarships to students to develop careers in the safe management of nuclear materials and to participate in the WM Conference.

The Roy G. Post Foundation supports WM Symposia's mission by providing financial support in the form of scholarships to the next generation of talent that will be solving the problems in the nuclear life cycle.

- *\$95,000 for Post Scholarship (in 2020: 2021 contributions will be finalized post WM2021)*
 - *7 Undergraduate Winners (\$5,000 Scholarship Amount)*
 - *8 Graduate Winners (\$7,500 Scholarship Amount)*
- *Increase scholarship commitment in dollars and in numbers of awards*
- *Continue to highlight Post scholarship recipient's accomplishments and facilitate communication via social media avenues*
 - *Advertise Post through Industry & Educational media*
 - *Increase international applications through direct contact with universities*
 - *Continue LinkedIn Page for all past and current scholarship winners to network and connect*



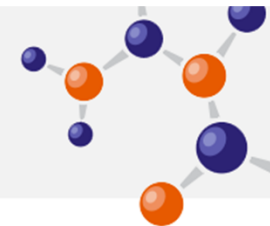
8.0 WMS PRIORITIES BEYOND WM2021



- Revise and expand the technical program to address the needs of our industry and our stakeholder attendees, sponsors and exhibitors
- Strengthen the commitment to our industry's future talent
- Embrace the changes in conference delivery platforms (live, virtual and hybrid) to provide the best conference experience
- Expand the integration with our International partners to increase International participation
- Revisit and update our strategic plan



9.0 FUTURE CONFERENCE SCHEDULE



WM2022: March 6 – 10

WM2023: February 26 – March 2

WM2024: March 10 – 14

WM2025: [TBD]

www.wmsym.org

