



June 17-19, 2024
Sheraton Nashville
Grand Downtown

Education ◆ Dialogue ◆ Collaboration



Monday, June 17, 2024

11:00 AM – 5:00 PM <i>Platinum Foyer</i>	Registration Open
1:00 – 3:00 PM <i>Platinum Ballrooms 2 & 3</i>	<p>USWAG Member and Affiliate Dialogue <i>Session 1</i></p> <p><i>You must be A USWAG Member or USWAG Affiliate to attend this Session. Separate Registration Required.</i></p> <p>Note: A separate detailed agenda for the Dialogue will be provided to Members and Affiliates.</p>
3:00 – 3:30 PM <i>Platinum Foyer</i>	<p>Break Sponsored By:</p> 
3:30– 5:00 PM <i>Platinum Ballroom 2 & 3</i>	<p>USWAG Member and Affiliate Dialogue <i>Session 2</i></p> <p><i>You must be A USWAG Member or USWAG Affiliate to attend this Session. Separate Registration Required.</i></p> <p>Note: A separate detailed agenda for the Dialogue will be provided to Members and Affiliates.</p>

Monday, June 17, 2024

5:30– 7:30 PM <i>Legislative Terrace</i>	<p>Workshop Welcome Reception Sponsored By:</p>  <p>Civil & Environmental Consultants, Inc.</p> <p><i>Open to all Workshop Delegates and Registered Guest</i></p>
<p><i>Note: Badge Pickup Will Be Available at the Reception Starting at 5:30 PM</i></p>	





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Tuesday, June 18, 2024

<p>7:30 AM – 5:00 PM <i>Platinum Foyer</i></p>	<p>Registration Open</p>
<p>7:30 – 8:00 AM <i>Legislative Terrace</i></p>	<p>Continental Breakfast Sponsored By:</p> 
<p>8:00 – 8:10 AM <i>Platinum Ballrooms 2 & 3</i></p>	<p>Welcome & Opening Remarks Dan Chartier, USWAG Executive Director JR Register, Ash Management & Solid Waste Committee Chair</p>
<p>8:10 – 10:00 AM <i>Platinum Ballrooms 2 & 3</i></p>	<p>Plenary Session 1 Keynote Speakers <i>Moderator: JR Register, Ash Management & Solid Waste Committee Chair</i></p> <p>Federal CCR Regulatory Update. Andy Crossland, Director and Ceci DeRobertis, Deputy Director, Materials Recovery and Waste Management Division, Office of Resource Conservation and Recovery, Office of Land and Emergency Management, U.S. Environmental Protection Agency</p> <p>ASTSWMO State Issues Update. Kathryn Perszyk, Director, Division of Land Protection & Revitalization, Virginia Department of Environmental Quality and Chair, ASTSWMO Materials Management Subcommittee</p> <p>Update from the American Coal Ash Association on Beneficial Use. Thomas Adams, Executive Director, American Coal Ash Association</p>
<p>10:00– 10:30 AM <i>Platinum Foyer and Ballroom 1</i></p>	<p>Break & Exhibit Viewing Sponsored By:</p> 

Tuesday, June 18, 2024

10:30 AM – 12:30 PM
Platinum Ballrooms
2 & 3

Plenary Session 2

Research Update

Moderator: JR Register, Ash Management & Solid Waste Committee Chair

EPRI Coal Combustion Product Research Recap. Bruce Hensel, Principal Technical Leader and Ben Gallagher, Senior Technical Leader, EPRI

CCR2PSH: Beneficial Use for Pumped Storage Hydro: Andy Peters, Director, River Connectivity Systems, Dr. Timothy Stark, Professor of Civil Engineering, University of Illinois at Urbana-Champaign, Scott DeNeale, Oak Ridge National Laboratory.

12:30 – 1:30 PM
Legislative Terrace

Lunch Sponsored By:



1:30 – 3:00 PM

Track A
Platinum Ballrooms
2 & 3

Track B
Platinum
Ballroom 4

Session 3A Water Management

Moderator: Brian Hennings, Ramboll

Evaluating and Pilot Testing various Pore Water Extraction Systems, Clayton Pennington, Principal Engineer, Stantec Consulting Services Inc.

An Innovative and Economical Approach for Fly Ash Dewatering, Alex Papp, Isales Manager - CCR Remediation, UCC Environmental

Successful Water Management - The Key to CCR Unit Closure, Christine Harris, Director of Business Development, and Don Grahlherr, PE, Vice President, National CCR Practice, Tetra Tech Inc.

Session 3B Beneficial Use/Harvesting

Moderator: David Bacher, NRG

Planning for the Future of Beneficial Use, Gabe Lang, Vice President Utility/Power Market, Watershed Geo and Don Fuller, Vice President, Stantec

Strategic Insights: Key Considerations for Planning Beneficial Use Projects with Coal Combustion Residuals (CCRs), Kyle Flynn, Director, Business Development, Separation Technologies LLC


Pathways to Maximise Stored Coal Combustion Products (CCPS): Partnership between NSW Government and Ash Development Association of Australia, Craig Heidrich, CEO, Ash Development Association of Australia

3:00 – 3:30 PM
Platinum Foyer and
Ballroom 1

Break and Exhibit Viewing Sponsored By:



Tuesday, June 18, 2024

<p>3:30 – 5:00 PM</p> <p>Track A <i>Platinum Ballrooms 2 & 3</i></p> <p>Track B <i>Platinum Ballroom 4</i></p>	<p>Session 4A Groundwater Monitoring</p> <p><i>Moderator: Graham Crockford, TRC</i></p> <p>Leveraging Data to Build an Effective Quality Assurance Program, DeAnna Aungst, Data Manager, Environmental Standards</p> <p>Updating Background Groundwater Statistical Values for CCR Compliance, May Raad, Principal Statistician and Molly Reeves, Senior Hydrogeologist, HDR</p> <p>Supply Chain Challenges Impacting CCR Groundwater Monitoring, Amanda Cover, Associate Chemist, Environmental Standards</p>	<p>Session 4B Closure</p> <p><i>Moderator: Brandy Chenault, Jacobs</i></p> <p>Considerations for Sustainable and Resilient Coal Ash Cover Systems, Marc S. Theisen, Vice President - Business Development and Technical Services, Profile Products LLC</p> <p>Demolition of the Navajo Generating Station, Pete Everds, Senior Project Manager, and Sunshine Pryor, Project Manager, Tetra Tech Inc, and Josh Voss, Senior Environmental Compliance Scientist, SRP</p> <p>Innovative Solutions for CCR Facility Closure and Solar Development-A Case Study, Patrick Kiser, General Manager, Strategy & Engineering - Generation Projects & Fleet Services, Tennessee Valley Authority</p>
<p>5:30 – 7:30 PM <i>Legislative Terrace</i></p>	<p>Workshop Grand Reception Sponsored By:</p> <p></p> <p><i>Open to all Delegates and Registered Guests</i></p>	



Conference Lanyard Sponsor:



Wi-Fi Sponsor:



Wednesday, June 19, 2024

<p>7:30 – 8:00 AM <i>Legislative Terrace</i></p>	<p>Breakfast Sponsored By:</p> 	
<p>8:00 – 9:30 AM</p> <p><i>Track A Platinum Ballrooms 2 & 3</i></p> <p><i>Track B Platinum Ballroom 4</i></p>	<p>Session 5A Groundwater Remediation</p> <p><i>Moderator: Rob Feree, Geosyntec</i></p> <p>Microbially-Mediated Redox Reactions for Managing CCR-Impacted Groundwater: A Collection of Studies on Arsenic and Molybdenum Immobilization, Aide Robles, Project Environmental Engineer, Haley & Aldrich</p> <p>Evaluation of Iron-Based Media for Selenium Removal from Water, Paul Togna, VP Power & Refining Markets, Envirogen Technologies Inc.</p> <p>Remediation of Li, Mo, B, As and other metals at CCR Landfills, Ponds and Adjacent Soils, Lowell Kessel, Hydrogeologist, CERES Remediation</p>	<p>Session 5B Regulatory</p> <p><i>Moderator: Christine Harris, GWTT</i></p> <p>Zero Liquid Discharge Implications for Bottom Ash Transport Water Under Revised ELG Regulations, David Donkin, Director of Wastewater Solutions, UCC Environmental</p> <p>Something Old, Something New: Monitoring Another CCRMU, Jay Piper, Project Manager (Geologist), Jacobs Engineering Group</p> <p>Putting Radiation Risks Associated with CCRMUs into Context: Understanding EPA's 2023 CCRMU Risk Assessment and What it Means to Utilities, Jay Peters, Principal Risk Assessor, Haley & Aldrich, Inc.</p>
<p>9:30 – 10:00 AM <i>Platinum Foyer and Ballroom 1</i></p>	<p>Break & Exhibit Viewing Sponsored By:</p> 	
<p>10:00 – 11:30 AM</p> <p><i>Track A Platinum Ballrooms 2 & 3</i></p> <p><i>Track B Platinum Ballroom 4</i></p>	<p>Session 6A Groundwater Remediation</p> <p><i>Moderator: Susan Jackson, Haley & Aldrich</i></p> <p>Lithium Remediation Beyond Dispersion: Assessing Application of Ion Exchange for Lithium Remediation in Groundwater at CCR Sites, Raul Tenorio, Technical Specialist, Environmental Engineer, Haley & Aldrich</p> <p>Layered Double Hydroxides (LDHs) for In-Situ Remediation of Multi-Metal Arsenic, Cobalt, Lithium, and Molybdenum Groundwater Plumes, Jason Stuckey, Environmental Geochemist, Anchor QEA</p> <p>Advancements in Arsenic Treatment from Coal Ash Pond Groundwater: Challenges and Solutions, Jack Ma, Manager of Wastewater Technology, UCC Environmental</p>	<p>Session 6B Closure</p> <p><i>Moderator: Jeff Lowe, NiSource</i></p> <p>Impoundment Closure with Discrete In-Situ Solidification, Tim Silar, Principal Geoscientist, Silar Services Inc.</p> <p>The Closure and Capping of Ash Treatment Basin 2 at Kentucky Utilities Ghent Generating Station, Don Grahlherr, PE, Vice President, National CCR Practice, Tetra Tech Inc.</p> <p>Strategic Planning for Successful Closure and Remediation, Nathan Betts, PE PMP, Project Manager, Jacobs Engineering Group</p>

Wednesday, June 19, 2024

11:30 AM –
12:30 PM
Legislative Terrace

Lunch Sponsored By:
Open to all Workshop Delegates



12:30 PM

10th Annual CCR Workshop Concludes

Wednesday, June 19, 2023

12:30 – 4:00 PM
*Platinum
Ballroom 4*

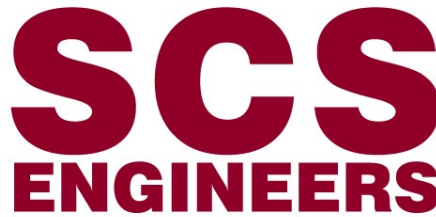
USWAG Members-Only Session – Part 1
Ash Management & Solid Waste Committee Meeting
You must be a USWAG Member to Attend this session.
Separate Registration Required.

Remote access will be provided for this Committee meeting.

A separate detailed agenda for the Members-Only Session will be distributed to USWAG Members.

Platinum Foyer

Break Sponsored By:



*Platinum
Ballroom 4*

USWAG Members-Only Session – Part 2
Ash Management & Solid Waste Committee Meeting
You must be a USWAG Member to Attend this session.
Separate Registration Required.

Remote access will be provided for this Committee meeting.

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