

News

World of Coal Ash conference features 17 presentations authored by Haley & Aldrich experts

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Burlington, Mass., May 9, 2022 – Haley & Aldrich announced today that 24 of its coal combustion residuals (CCR) experts have authored and co-authored 17 abstracts accepted at this year's World of Coal Ash (WOCA) conference. The conference will take place from May 16 to 19 in Covington, Kentucky, and is the "premier international conference on the science, application, and sustainability of coal combustion products." The American Coal Ash Association and the University of Kentucky Center for Applied Energy Research collaborate to host WOCA every other year.

Listed below are all Haley & Aldrich authors followed by their presentation titles and times in chronological order.

Tuesday, May 17

- Principal Toxicologist Lisa JN Bradley, Ph.D., DABT, with Missy Hedgecoth and Neil Carriker of TVA, Rock Vitale of Environmental Standards, and Kody Bootsman of Stantec, "**Addressing public fear with facts — TVA coal ash fact sheets,**" 10:30 to 11 a.m., Session N1.
- Putrich (moderating) "**Session S1: Management/treatment/corrective action in groundwater after impoundment closure,**" 10:30 a.m. to noon.
- Principal Consultant, Geo-Environmental Engineering and Industrial Waste Management, Steven Putrich, P.E., and Principal Consultant, Hydrogeology, David Hagen, "**CCR corrective measures assessment and implementation — a**

technical road map and smart communication/management strategies," 11:30 a.m. to noon, Session S1.

- Senior Associate, Environmental Engineer Min-Ying Jacob Chu, Ph.D., P.E., (moderating) "**Session H2: CCPs and Sustainable Construction,**" 1 to 3 p.m.
- Bradley, Hedgecoth, Carriker, Vitale, and Bootsman, "**Addressing public fear with facts — TVA coal ash fact sheets,**" 3:30 to 5 p.m. (poster session).

Wednesday, May 18

- Technical Specialist Lee Saunders, P.E., M. ASCE, and Project Manager Neal Kochis, P.E., CFM, "**Practical implications with case studies for the use of the USEPA HELP Model in the design and assessment of CCR management projects,**" 8 to 8:30 a.m., Session M1.
- Bradley (moderating) "**Session S3 – Management/treatment/correction action in groundwater after impoundment closure,** " 10:30 a.m. to noon.
- Kochis and Putrich, with Bradford Cooley of Watershed Geo, "**Ash pond alternate final cover design — site location, water management, and other unique site challenges — a case study,**" 11 to 11:30 a.m., Session B4.
- Senior Technical Specialist, Geochemist Nicholas Tucci; Senior Technical Expert, Hydrogeology, Mark Miesfeldt, P.G.; Senior Technical Specialist Charles Payne, and Senior Geologist Scott Hensel, "**CCR case studies: using geochemical methods and advanced geologic conceptual site models to effectively demonstrate alternative sources of Appendix III and IV constituents,**" 11:30 a.m. to noon, Session D4.
- Bradley, with Tyler Baker and Carriker of TVA, "**Bioaccumulation of potential contaminants by fish and aquatic invertebrates adjacent to a TVA fossil plant,**" 1 to 1:30 p.m., Session N2.
- Bradley, "**Let's Talk About Cancer,**" 1:30 to 2 p.m., Session N2.
- Principal Consultant Dawn Santoianni, "**The changing paradigm: regulatory treatment of CCR beneficial use and practical implications,**" 1:30 to 2 p.m., Session O3.
- Market Segment Leader, Energy, Bill Haswell, P.E.; Associate Senior Project Manager and Senior Environmental Engineer Jeffery Miller, P.E.; Civil/Environmental Engineer Sonya Burns, P.E.; Technical Specialist, Energy & Mining, Kevin Corcoran; and Staff Environmental Engineer Julia Scott, E.I.T., with Marc Okin of NiSource, "**Pre-design bench-scale evaluation of the effectiveness of ash pond closure in place using in-situ soil stabilization,**" 2:30 to 3 p.m., Session B5.
- Santoianni, "**Buzzword or strategy? How ESG trends are reshaping risk management,**" 3:30 to 4 p.m., Session N3.
- Senior Technical Expert, Geology, Monty Bennett, P.G., RSM; Senior Hydrogeologist, Manufacturing, Shauna Goulet; Senior Technical Specialist, Manufacturing, Dimitri Quafisi; and Chu, with Chris Jones of Pare Corporation and Paul Small of Keller, "**Pre-construction evaluations of ash pond dewatering in complex geologic environments,**" 4:30 to 5 p.m., Session B7.

Thursday, May 19

- Bradley, with Baker and Carriker of TVA, "**Benthic community evaluation adjacent to a TVA fossil plant and at upstream reference locations,**" 8:30 to 9 a.m., Session N4.
- Associate, Senior Project Manager/Civil Engineer Jason Pokorny, P.E., and Saunders, "**Future management & treatment of non-CCR waste streams at Midwest coal-fired power plants with case studies,**" 9:30 to 10 a.m., Session N4.

- Hagen, "**Attenuation and source zone depletion of boron from coal combustion residuals in groundwater,**" 10:30 to 11 a.m., Session D13.
- Chu, "**Geochemical explanations for strong natural attenuation of molybdenum, selenium, and lithium in a groundwater plume,**" 11 to 11:30 a.m., Session N5.
- Pokorny and Senior Engineer Andy Lucas, P.E., "**Challenges & pragmatic solutions for the design and construction of a 300-Acre CCR landfill located in the Southwestern U.S. – a case study,**" 11:30 a.m. to noon, Session B13.

To learn more or register for the conference, visit the WOCA website.

For more information:
Contact our media team.