

3rd Western Symposium Design and Construction Issues at Hazardous Waste Sites

November 5th – 7th, 2018

Grand Hyatt Denver, 1750 Welton St. Denver, CO

ABSTRACT SUBMISSION FORM

Abstracts are due by **June 15, 2018** and should be emailed to DCHWS-West@cdmsmith.com. Incomplete submissions will not be considered.

PANELIST INFORMATION:

Select one author to be a member of the panel. Additional authors can contribute during the question and answer period following the panel presentations.

Name:

Title:

Organization:

Street Address:

City:

State:

Zip Code:

Telephone Number:

E-mail Address:

ADDITIONAL CONTRIBUTING AUTHORS/ORGANIZATION:

All authors will be listed in the Conference Guide.

- 1.
- 2.
- 3.
- 4.
- 5.

BRIEF PANELIST BIOGRAPHY: (For introduction only – 50 words)

Your **BRIEF** biographical sketch should address the following:

- Education, current professional background and expertise in topic category

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Risk Management Focus

At this year's symposium, the evening session will offer a 2.5 hour project risk management course with a focus on remedial design and remedial action project execution under the Superfund program. The course will be delivered by CMAA with support with EPA and contractors.

PRESENTATION INFORMATION

Panel Categories: (select one that best fits your presentation)

Project Risk Management

To expand on the topics outlined in the evening session, the steering committee intends to structure *one or two panels* during the first half day (Tuesday am) on risk management with the intent of exploring case studies that highlight concepts discussed the prior evening. This may include case studies with a focus on successful (or unsuccessful) risk response strategies with examples such as:

- **Avoid:** Pre-design investigation scope
- **Mitigate:** Alternative access to avoid or minimize communicate impacts; Develop bid sheet to utilize flexibility contacting types to mitigate risk
- **Transfer:** performance specifications in design
- **Accept:** Scoping and executing the feasibility with the study with an eye on RD/RA execution flexibilities

RD/RA Project Management and Construction Management Lessons Learned

- Performance-based contracting
- Remediation using trusts
- Lessons learned from optimization and third-party reviews (focus on how impact new RD/RA projects)
- Other

Formal Adaptive Management for large or complex sites with a focus on site types encountered in the Western United States (mining sites, sediment sites, large diffuse groundwater plumes). Topics may include:

- Benefits of a formal and structured decision-making process (“Progress in the face of uncertainty” and in an environment of “constrained resources”)
- Teamwork: Early involvement of Stakeholders
- Early human health and ecological risk reduction (early and interim response actions)
- Development and application of performance monitoring

Innovative Technologies and Applications

- Site investigation and data collection techniques
- Combining remediation technologies
- New and emerging remediation technologies (focus on full -scale applications)

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Approaches and challenges to addressing safety issues during remediation

- Investigating underground mine workings
- Site surveillance and surveying of large, remote sites
- Sites with unexploded ordnance

Site Reuse

- Designing with an eye on redevelopment
- Case studies highlighting benefits of identified reuse early in the remediation process

*The above panel categories are provided as examples, not requirements. We encourage submissions on topics other than those identified if the author feels that the additional topic is relevant.

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Abstract Title:

Abstract Body: (maximum 500-word description)

Your description should address the following:

- Central theme of the presentation
- Relevance to conference audience
- Relevance to current issues in the design and construction field related to hazardous waste sites