



A Standards in Trade (SIT) Workshop: CHINA BROWNFIELDS REMEDIATION

Williford-A Room, Hilton Chicago Hotel, 720 South Michigan Avenue, Chicago IL

September 1, 2015

AGENDA

Time	Activity	Scope
8:00am	Registration and Refreshments	Refreshments sponsored by EEC Environmental
9:00am	WELCOME	
	<ul style="list-style-type: none"> Gordon Gillerman, Director, Standards Coordination Office, National Institute of Standards and Technology (NIST) 	<i>Workshop objectives & the role of standards</i>
9:10am	OPENING REMARKS	
	<ul style="list-style-type: none"> HEAD OF U.S. DELEGATION Robert D. Agee, Assistant to the Mayor of Annapolis, MD, and Consultant, ICMA HEAD OF CHINA DELEGATION Wenchao Zang, Deputy Director, Chief Engineer, Solid Waste and Chemicals Management Center (SCC), Ministry of Environmental Protection (MEP), People's Republic of China 	<ul style="list-style-type: none"> <i>Evolution of U.S. brownfields remediation</i> <i>Expectations for this workshop</i> <i>Brownfield Remediation Management in China</i> <i>Expectations for this workshop</i>
9:45am–12:10pm	OVERVIEW OF U.S. APPROACHES TO BROWNFIELDS REMEDIATION	
	<p>Moderator: David Grossman, Director, ICMA International, International City/County Management Association (ICMA)</p>	
9:45am	<ul style="list-style-type: none"> SESSION PREVIEW David Grossman 	<i>Introduction to the topics to be addressed and session format</i>
9:50am	<ul style="list-style-type: none"> IMPORTANCE OF SITE CONCEPTUAL MODEL (SCM) IN REMEDIATION Yong Wu, Vice President for Operations, Jiangsu DDBS Environment Remediation Co., LTD (DDBS) 	<i>A holistic approach is needed that considers technical, government and regulatory, remediation market/industry, community and environment points of view</i>
10:30am	Networking Break	
10:50am	<ul style="list-style-type: none"> MANAGEMENT OF CONTAMINATED SITES: AN OVERVIEW Atul Salhotra, Founding President, Risk Assessment & Management (RAM) Group of Gannett Fleming, Inc. 	<i>Prudent management of contaminated sites requires three key elements: site assessment, risk assessment, & risk management</i>
11:30am	<ul style="list-style-type: none"> ASTM COMMITTEE E50: ENVIRONMENTAL ASSESSMENT, RISK MANAGEMENT, AND CORRECTIVE ACTION Timothy Haley, Partner, Barnes & Thornburg 	<i>A review of the ASTM approach & established & emerging standards affecting brownfields remediation</i>
12:10pm	GREETINGS AND INTRODUCTION TO THE BROWNFIELDS 2015 CONFERENCE	
	<ul style="list-style-type: none"> Mathy Stanislaus, Assistant Administrator for the Office of Solid Waste and Emergency Response, U.S. Environmental Protection Agency 	<i>Mr. Stanislaus, who was nominated for his position by President Obama in</i>

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		2009, introduces the Brownfields Conference on behalf of EPA
12:20pm	Workshop Group Photo	
12:30pm	Lunch & Overview of the Brownfields 2015 Conference	Lunch sponsored by Skelly and Loy, Inc., USDA, ASTM International, EEC Environmental, Terracon, and the American Council of Independent Laboratories
1:15-4:45pm	<ul style="list-style-type: none"> ▶ BROWNFIELDS 2015 CONFERENCE OVERVIEW Tad McGalliard, ICMA 	Information and suggestions on how to make the most of your Brownfields Conference participation
1:15-4:45pm	OVERVIEW OF U.S. APPROACHES TO BROWNFIELDS REMEDIATION – continued	
1:15pm	<ul style="list-style-type: none"> ▶ PUBLIC SITE ASSESSMENT AND FUTURE USE DETERMINATION Jim Powell, Consultant, Mostardi Platt, and former Executive Director, Air and Waste Management Association 	Discussion of environmental site assessment & the use of historical documents, interviews, & site visits to determine the implications of onsite contamination
1:55pm	<ul style="list-style-type: none"> ▶ TESTING & DATA MANAGEMENT FOR AN EFFECTIVE AND EFFICIENT REMEDIATION David Friedman, Technical Advisor, American Council of Independent Laboratories 	Overview of test data gathering, management, & use for effective site characterization & remediation
2:35pm	<ul style="list-style-type: none"> ▶ A BRIEF SUMMARY OF THE SITE ASSESSMENT, INVESTIGATION, AND CLEANUP PROCESS: GROUNDWATER: Mark Zeko, Vice President and Principal Hydrologist, EEC Environmental SOIL REMEDIATION: David Bernier, Senior Project Geologist/East Coast Manager, EEC Environmental 	<p>Approaches for groundwater and soil remediation</p> <ul style="list-style-type: none"> • Subsurface mapping to identify potential areas of contamination & contaminant flow; groundwater sampling & subsurface measurement techniques • Managing remediation to minimize removal & disposal of "clean" material—using investigation, conceptual models, vapor intrusion integration, risk based remediation, etc.
3:55pm	Break	
4:05pm	<ul style="list-style-type: none"> ▶ HEAVY METALS SOIL AND WATER REMEDIATION OPPORTUNITIES USING BIOCHAR PRODUCED THROUGH BIOMASS WASTE UPCYCLING Charles Hegberg, Mid-Atlantic Manager/Sr. Environmental Consultant, Skelly and Loy, Inc. 	Potentially Toxic Elements (PTEs) are heavy metals contributing to soil & water contamination that is transferred to the food chain. Biochar, which is made from biomass waste, is a porous carbon material similar to activated carbon that can be used in soil & water remediation
4:45pm	CLOSING REMARKS AND NEXT STEPS	
	<ul style="list-style-type: none"> ▶ CHINA DELEGATION: Wenchao Zang ▶ U.S. DELEGATION: Robert D. Agee ▶ NIST: Erik Puskar and Pat Harris, Standards Coordination Office, NIST 	Review of workshop outcomes, areas where further information is needed, & next steps
5:00pm	ADJOURN WORKSHOP	

Time	Activity	Scope
5:30pm-	<i>NETWORKING RECEPTION</i>	<i>Reception sponsored by Mandarin Environment</i>
7:30pm	K&L Gates at 70 W. Madison Street, 2 nd Floor	

Thank you for your participation!

Please visit the workshop website for posted presentations and any post-workshop updates:

<http://gsi.nist.gov/global/index.cfm/L1-4/L2-14/A-770>