



New York City Transit

2 Broadway, NYC
Conference Room D2.10

12/18/17

8am – 4pm



Department
of State



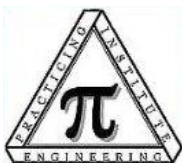
Advanced Environmental Symposium

Significant Code Issues in the PALMS* of your hands

- 8:00 am **Welcoming Remarks** - Thomas Abdallah, P.E. LEED AP - Chief Environmental Engineer, MTA NYCT and Adjunct Professor Columbia University.
- 8:30 am **Respirable Crystalline Silica (RCS) – Understanding the Regulations, Science and Results** - Marc Hugus, Field Service Representative, RJ Lee Labs
- 9:30 am **Green Remediation and Ecological Restoration for Reuse of a RCRA Corrective Action Site** - Susan J. Dugas, P.E., Sr. Project Manager, Quantum Management Group, Inc., a BSI Professional Service Company, Clifton, NJ
- 10:30 am **The new global ISO 45001 Occupational Safety and Health Standard (OSHAS) Update Management Systems (MS) applications for managing issues Environmental (ISO 14001) and Quality (ISO 9001) –** Joseph Muratore, BSI Commercial Director: Enhanced Certification, Herndon, VA and Mark Drozdov, SVP, Creative Environment Solutions (CES) Corp., a BSI Professional Services Company
- 11:30 am **LUNCH HOUR**
- 12:30 pm **Achieving Operational Excellence via Quality System Design** - Carl Johansen, GRCP, GRCA, Section Manager, Utility Shared Services Quality Management, Consolidated Edison Company of New York
- 2:00 pm **Mold and Other Biological Hazards in Facilities Management and Construction** - Daniel O. Chute, CIH, CSP – President, Atrium Environmental Health & Safety, a BSI Professional Services Company, Reston, Virginia
- 3:00 pm **Environmental Remediation Lessons Learned** - George H. Hollerbach, Jr. P.E., CSP, Principal of Quantum Management Group, a BSI Professional Service Company, Clifton, NJ
- 4:00 pm **Symposium Wrap-up** by David Drozdov, RPIH, CAI, CMA, CSFSM Training Director of CES/BSI Environmental & Safety Training Center

*** P.A.L.M.S. - PCB, Asbestos, Lead, Mold/Metals, Silica/Safety & Health**

Continuing Educational Units (CEUs) offered by:



1115 Broadway, 11th Fl, Suite 1157 | New York, NY 10010 | T: 212.290.6323 | F: 212.290.6325 | www.CEScenter.com



**Creative Environment
Solutions Corp.**

A BSI Professional Services Company



- * 6.5 PDH's - Professional Development Hours with the Practicing Institute of Engineering (PIE) for licensed Professional Engineers (PEs) in New York State. PIE-approved courses are qualified for the American Institute of Architecture (AIA) Health, Safety, Welfare (HSW)-related training. To confirm the acceptance of PDHs outside of NYS, please consult the licensure board of that state
- * 6.5 PDE's (Professional Development Electives) for NYS Department of State (DOS) Code Division for Code Enforcement Officials (CEO's) and Building Safety Inspectors (BSI's) Certifications.
- * 6.5 CM (Continuing Maintenance) Hours for CIH's and CSP's.

PROFESSIONAL DEVELOPMENT ELECTIVES (PDE) means training courses whose subject matter advances the professional development of an individual Code Enforcement Official (CEO) or Building Safety Inspector (BSI). Professional development electives include, but are not limited to, classes in the following topics:

- | | |
|--|---|
| <ul style="list-style-type: none"> • Zoning • Planning • Ethics • Management • Communications • Hazards • Writing skills • Time management | <ul style="list-style-type: none"> • Records management • Media relations • Computer skills • Other topics that contribute to the professional development of a code enforcement official or building safety inspector as determined by the Secretary |
|--|---|

BSI's and CEO's using professional development electives as part of their in-service requirement must:

- Submit a Professional Development Elective [application form](#) each year to DBSC
- Provide sufficient documentation of the course completion, if requested by DBSC
- Failure to submit adequate documentation when requested by DBSC shall result in forfeiture of the in-service training credit and could result in an inactive or revoked certification for the individual
- BSI's and CEO's that obtain in-service credit through Professional Development Electives must maintain the following information for a period of three years from the completion date of the course:

<ul style="list-style-type: none"> • Title of course • Description of course • Number of contact hours completed • Certificate of completion issued by the sponsor 	<ul style="list-style-type: none"> • Sponsor's Name • Attendance Verification • Date of the course • Location of the course
--	---



Thomas Abdallah, P.E. LEED AP Deputy Vice President and Chief Environmental Engineer for the MTA New York City Transit.

He holds a B.S. in Chemical Engineering from Rutgers University, and is a Professional Engineer and a LEED® Accredited Professional. Thomas has been with MTA since 1987. Thomas has extensive experience including sustainable design, energy efficiency, noise and vibration, pollution prevention, waste management, and is directly responsible for New York City Transit's certified ISO 14001 Environmental Management System. He is also in charge of several LEED projects including the Corona Maintenance Shop, the first U.S. transportation facility to gain certification, and the Gold Certified Mother Clara Hale Bus Depot.

Thomas has presented all over the country on sustainability issues through organizations such as the Transportation Research Board, American Public Transportation Administration, the New York Academy of Sciences, and Green build. Thomas has appeared on the Sundance Channel, Discovery's Science Channel, PBS, NPR and has appeared in a short film documentary "Postcards from the Future" about Hurricane Sandy's impact on the MTA. Thomas is the author of Sustainable Mass Transit: Challenges and Opportunities in Urban Public Transportation which discusses the sustainable attributes of mass transportation, and the ways it can become more energy efficient, less reliant on fossil fuels, and reduce carbon footprint.



Susan Dugas is a Senior Project Manager with Quantum Management Group, a BSI Professional Services company. Susan is a licensed Professional Engineer with over 30 years of multi-disciplined experience in environmental engineering. Her experience includes project management, construction management, site investigations, feasibility studies for site remediation at Superfund and other hazardous waste sites, remedial design, remedial construction oversight, Brownfields redevelopment, due diligence investigations, underground storage tank investigations, and building material investigations and abatement. Ms. Dugas holds a B.S. Chemical Engineering from Bucknell University, and is a guest lecturer at the New Jersey Institute of Technology.



Joseph Muratore is the Commercial Director for BSI USA and Canada. He's an expert for firms to get assessed and certified to demonstrate their commitment to best practice, efficiency and sustainability.

With a background in engineering, Joe brings a passion for helping organizations reach higher business performance through the use of management system standards. Tempered by his tours in the US Marine Corps, as an avionics reconnaissance systems specialist, and armed with an engineering degree from the Rochester Institute of Technology, Joe began his career as an Imaging Instrumentation Systems Engineer at NASA's Ames Research. Joe honed his corporate skills as co-owner of a successful medical imaging company, pairing his technical knowledge and his skills to ensure clients were provided best fit solutions while safeguarding quality.

Joe holds several patents and is a published technical author in Aeronautics. As Commercial Director, Joe actively works with management teams to help them embed excellence through his passion and expertise in adapting business frameworks to embrace the use of standards, technology and training solutions to streamline operations, integrate change and the associated business processes across the organization.

Joe leads an exemplary team in the United States and Canada, bringing a unique combination of technical expertise and business acumen to the organization's leadership. Tasked with directing the efforts of multiple teams, Joe oversees providing organizations with solutions that drive business performance, embed excellence and facilitate organizational resilience.



Carl Johansen, also known as “The Bearded Guru” is a quality management subject matter expert with over 10 years’ experience in program development. Carl holds a Bachelor’s in Industrial Technology (BSIT) specializing in electro-mechanical and a Masters in Technology Management (MSTM) specializing in six sigma and lean management from Central Connecticut State University. Carl is ISO 9001:2015 and 14001:2015 lead auditor certified and holds GRCP and GRCA certifications from OCEG.

In his current role at Con Edison Carl is the Section Manager for the Utility Shared Services Quality Management department and the program manager for the company-wide certification of its environmental management system to ISO 14001. Carl is applying quality management techniques honed in the manufacturing industry to the energy and utility sector at Con Edison. Carl is an active member of ASQ holding the marketing chair for the Design and Construction Division (DCD), the technology chair for the Customer-Supplier Division (CSD), and he’s a member of the environmental management sub-committee of ASQ’s Energy & Environment Division (EED) in the role of environmental management SME.



David Drozdov, RPIH, CAI, CMA, GPRO, CSFSM is the Training Director of CES ENVIRONMENTAL & SAFETY TRAINING CENTER. David is EPA, OSHA and DOH-approved asbestos instructor for all environmental, industrial hygiene and health effects topics, and a trainer for NYC DOB and FDNY approved construction safety courses.

As an environmental health and safety instructor Mr. Drozdov provided training services for government agencies and private industry. David recently received a letter of commendation from Columbia University. David regularly presents numerous safety courses and recently completed PALMS (PCB, Asbestos, Lead, Mold & Silica) topics at the ASSE/SENY/ ASSE Technical Meeting.

David is a graduate Civil Engineer and also a licensed NYC DEP Asbestos Investigator, FDNY certified Construction Site Fire Safety Manager (FSM) and a Registered Professional Industrial Hygienist (RPIH), David uses his knowledge and understanding of the “real life” scenarios and “problem-solving” techniques in administering various OSHA, EPA, DOH, DOB, and FDNY approved health and safety training programs.



George H. Hollerbach, Jr. P.E., CSP, is a founding Principal of Quantum Management Group, a BSI Professional Service Company. George has over 35 years of broad-based experience managing EHS, remediation, and decommissioning and demolition (D&D) projects as an Owner and an Owner’s representative for the pharmaceutical, chemical, and automotive process industries. During his career as the Owner and Owner’s representative at Quantum, he has delivered hundreds of capital projects, including decommissioning projects for building reuse, D&D for property reuse, USEPA Region 2 CERCLA and New York State Superfund remediation sites, wastewater and air pollution control strategies and systems, and has served as temporary EHS Director at several pharmaceutical plants, including a large pharmaceutical plant in Puerto Rico, where he provided oversight of a team of environmental, health, safety, construction safety and process safety specialists.

George is a Professional Engineer in several states, a Certified Safety Professional, and is also a licensed wastewater treatment operator. George's technical expertise includes: decontamination, decommissioning and demolition; remedial construction management; remedial construction cost estimation; pharmaceutical engineering project / construction management; remedial design process development and operations; groundwater and wastewater treatment system and air pollution control process development, design, construction, start-up, and operations; site remediation program management; recycling impacted properties for beneficial reuse, and environmental reserve and financial management. He periodically lectures at Virginia Tech and the New Jersey Institute of Technology in the areas of environmental investigative and remedial technologies, wastewater treatment, cost estimation, project management, environmental permitting, tunneling technologies, and engineering leadership.



Mark Drozdov, MS, BSI, SSM, CFSM, RSO, CAI, CMA, GPRO SVP/Technical Director - Creative Environment Solutions (CES) Corp. - BSI Professional Services Company. Mark Drozdov has an extensive experience in the Environmental, Health and Safety (EHS) programs development and implementation. For over 25 years, he has been on the consulting industry's leading edge and has effectively managed diverse range of projects, completing HazMat Testing, Remediation Engineering, Industrial Hygiene, Safety, Risk, Hazards Assessment and Code Compliance.

Mark is a Licensed Site Safety Manager (SSM), Construction Site Fire Safety Manager (CSFSM), Certified Asbestos Investigator (CAI) and Certified Mold Assessor (CMA), Radiation Safety Officer (RSO), Building Safety Inspector (BSI) Code Compliance Certified and Green Professional (GPRO), OSHA-authorized Instructor, EPA, DOH, DOL, DOB & FDNY approved Instructor, NYCOER-Gold Certified Professional and Committees Member of ASTM and ANSI, ACEC - Standards of Practice, Continuing Education and Scholarship, ASHRAE, ASHE/American Hospital Association (AHA), Local Emergency Planning Committee (LEPC), Safety Executives of New York (SENY), Professional Member of American Society of Safety Engineers (ASSE) and US Technical Advisory Group (TAG) participant for the new ISO 45001 Occupational Health & Safety Management Systems global standard. Mark holds a Master of Science (MS) Degree in Green Building Planning & Design/Architecture.

Mark served as Graduate Curriculum Development Director for Polytechnic University/NYU, Industrial Hygiene and Safety Consultant for Long Island Occupational Environmental Health Center at Stony Brook University. He lectures at CUNY/City College, Hunter and The Cooper Union in a Green Buildings/Environmental Safety Program, including Building Code, Sustainability and Standardization Management Systems, Building Energy Use and Water Consumption, Performance Measurement and ENERGY STAR certification.

As a past President of the American Industrial Hygiene Association (AIHA.org) NY, Mark headed the signing of the OSHA Alliance Agreement and led the North-East Industrial Hygiene Conference and currently serves as the AIHA NY Events Chair and Director. He has published many industry publications and conducted numerous P.A.L.M.S. (PCB's, Asbestos, Lead, Mold, Silica) presentations. Mark has been invited and served as an expert in various litigations and has been complemented for his all-encompassing know-how of EHS issues. Mark's published on Risk Management in The Construction Executive and Crain's NY Business.

Mark is a recipient of Awards and Commendations, including, Post-9/11 work at “Ground Zero”, Yankee Stadium new MTA Station, “AIHA NY Bull Moose of the Year “, ASSE/SENY/AIHA recognition award for outstanding support in the field of Construction Safety, BTEA Safety Award honoree. Mark was interviewed on national TV about the Environmental Issues for the 9/11 Anniversary and Hurricanes recovery and featured on MTA’s Transit=Transit Hurricane Sandy Recovery Work.



Daniel Chute is President of BSI/Atrium Environmental Health and Safety Services in Reston VA. He has worked in the field of occupational health and safety for the past 40 years, including assignments with Norfolk Naval Shipyard (Industrial Hygienist), Newport News Shipbuilding (Senior Industrial Hygienist) and in the management and administration of consulting programs with contracts for staffing, research, surveys and training services, serving clients in all 50 states and internationally.

Dan has a BS in Environmental Health from Old Dominion University and an MS in Industrial Hygiene from Texas A&M. He is a Certified Industrial Hygienist and a Certified Safety Professional. He is a Past-President of the Potomac Section American Industrial Hygiene Association, where he received the Industrial Hygienist of the Year Award for 2012.



Marc Hugus serves as a business development representative for RJ Lee Group and has worked in consultative sales and technical product introduction for over 30 years. Experienced in the Oil and Gas, Environmental Engineering/Consulting, Automated Mapping/GIS and healthcare fields, he has demonstrated success in managing individuals and teams toward the delivery of solutions which meet customer requirements. Marc has held senior and executive level positions in geographic services consultation, laboratory sales, account management and marketing management. With RJ Lee Group, he is focused on helping potential clients with their industrial hygiene analytical and laboratory needs.

Marc has worked for several companies prior to RJ Lee Group and experienced the challenge of being a key employee in operations acquiring major funding through the Initial Public Offering (IPO) process, notably MapQuest.com and Traffic.com. In each case, his consultative sales experience, new business development skills, account management and overall sales management activities were key to building and maintaining the revenue targets necessary to obtain funding and to insure the realization of each IPO. He has successfully negotiated multimillion-dollar, multi-year license agreements and contracts. Additionally, he has managed third party relationships with hardware, software, data content and solution partners.