

# 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 Columbia University. Adj. Professor.

8:30 am **Approaches for Discussing Hazards and Risks**, Richard Hubner, BSI - Washington, DC Metro

9:30 am **IICRC and Industry Best Practice**, Lee Senter - IICRC Vice Chair of Standards and Howard Wolf - the Standards Chairman.

11:00 am **New OSHA Silica Rule; What We Have Learned Thus Far**, presentation by Robert DeMalo, M.Sc. EMSL of the Lab DATA.

12:00 pm LUNCH

1:00 pm **BSI Entropy** Gary Robinson, BSI - SVP EHS Information Solutions.

2:00 pm **Lead by Example: New York's Effort to Protect its Children from Exposure to Lead in Drinking Water in the Post-Flint Era** Howard N. Apsan, PhD The City University of New York (CUNY)

3:00 pm **OSHA+AIHA Alliance to produce a guideline/best practice document for P.A.L.M.S. to Industry** Mark Drozdov, SVP/Techical Director

4:00pm Wrap-up

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

\*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.

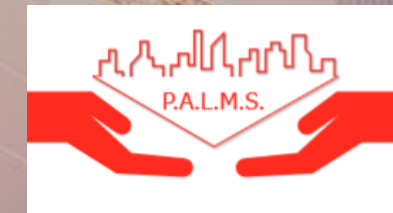
# Annual PALMS Conference

## @ MTA/NYCT

## December 13, 2018

2 Broadway, NYC

Conference Room: D2.10 2nd Floor



New York City Transit





**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.



**Richard P. Hubner, M.P.H.** is BSI Senior Consultant - a recognized business partner and authoritative strategic planner with more than 30 years of successfully providing support and direction to diverse global organizations. Provides critical, top-down assessments of existing marketing programs to provide enhancements that result in bottom-line growth. Delivers effective leadership through creativity, problem-solving, collaboration, and support. Innovative director with a critical eye for improving cultural understanding across the organization and potential clients. Adept at assessing market trends and identifying future business development opportunities. Proven change agent providing expertise to a diverse group of clients, including law firms, private industry, non-profit organizations, trade associations, and state and federal agencies.

Effective communication is widely held to be a vital component in health and environmental risk management. In the Internet Age, however, the communication of risks has become increasingly problematic. The differences between hazard and risk, particularly in instances with low or negligible exposures, have been blurred. Online advocacy groups, working off of flawed or incomplete data (sp?), can stoke feelings of concern, distrust, and outrage. This often leads to stakeholders seeking costly risk mitigation activities that may not align with those identified by expert groups. In this presentation we will explore how new approaches can be utilized to articulate the hazards and risks from PALMS as a means to effect successful stakeholder and regulatory engagement.



**Lee Senter, IICRC Vice Chair of Standards** has been involved in the restoration industry for over forty years. He sits as Vice Chair of Standards at the Institute of Inspection Cleaning Restoration Certification (IICRC).

Lee's passion for health and safety is a driving force in his commitment to continually improve and update the IICRC certifications and standards. Lee is the chairperson for the development of the safety and health field guides to supplement the IICRC standards.



**Howard Wolf** is the Standards Chairman of the Institute for Inspection, Cleaning and Restoration Certification (IICRC), an accredited ANSI writing body. He has been involved in standards writing activity since 1998. He is the former Consensus Body chair for the ANSI/IICRC S500 Standard for Professional Water Damage Restoration and section chair for the ANSI/IICRC S520 Standard for Professional Mold Remediation. He is also a former director on the IICRC Board of Directors.

Howard has been in the restoration, cleaning, and construction industries since 1984. He is the Principal of a restoration consulting, training, and claims management firm, that supports restorers, property owners, brokers, facility and risk managers, and other owner representatives with loss management, administration, claim preparation, logistics, dispute resolution, and technical expert consulting. Howard's primary expertise is in institutional, industrial, and complex residential projects.



**Robert DeMalo, M.Sc.** has worked in the Asbestos, Environmental, Industrial Hygiene and Analytical Laboratory industries for over 27 years. He has intensely studied and worked with asbestos both in the field and laboratory settings with publications in peer reviewed journals (ASTM). He has provided analytical research and consultation on method development to numerous Federal and State agencies. Rob currently sits on the Board of Directors for the Environmental Information Association (EIA) and is an active member of the ASTM D22 Committee for asbestos. Rob is a member of AIHA National as well as the Metro NY, New Jersey and Philadelphia local sections. Rob has provided numerous technical presentations to national and local organizations at conferences and meetings on various topics in his field of expertise. Mr. DeMalo holds a Bachelor's degree in Economics from the State University of New York at Stony Brook and a Master of Science degree in Environmental and Occupational Health Science from the City University of New York at Hunter College.



**Gary Robinson, MSC, BCom** is the Senior Vice President of BSI EHS Solutions and an experienced EHS management system and information solution consultant working at the intersection of where people, process and technology come together. He has over 20 years' experience helping organizations successfully deliver excellent results in challenging international and domestic environments that involve the application of current day best practice through:

- The application of information technology to improve business communication and drive more efficient and effective compliance processes
- Working with people to develop a culture of excellence in their approach and within their own organization so that they can provide the leadership required for extraordinary results
- The adoption of EHS best practices that focus on proven methods for managing core risks and opportunities within an organization



**Howard Apsan Ph.D.** is University Director of Environmental, Health, Safety and Risk Management for The City University of New York (CUNY), the largest urban university system in the United States. He has held several government positions, served for many years as an environmental and risk management consultant (ultimately founding his own firm, Apsan Consulting, Incorporated), teaches at Columbia University's School of International and Public Affairs and at Columbia's Sustainability Management program, and writes and lectures regularly. He earned his B.A. and M.A. from Brooklyn College and his M.Phil. and Ph.D. from Columbia University.

The university director is responsible for environmental health and safety management and compliance throughout the university. He also serves as the university's risk manager, tasked with assessing liabilities and designing systems for minimizing CUNY's operational and reputational risks and promoting resiliency and continuity of operations. He chairs the university's Environmental Health and Safety Council; the Risk Management and Business Continuity Council; and the Emergency Preparedness Task Force.

Earlier in his career, he served for several years in New York City government at the Mayor's Office, the Board of Education, and the Sanitation Department. He left municipal government to pursue a career in environmental and risk management consulting, which included eight years as a principal, and ultimately national director, of a nationwide consulting firm, and led to the founding of Apsan Consulting. He has served industrial, commercial, real estate, government, and not-for-profit clients throughout the United States and has extensive international experience.

In addition to his management and consulting activities, he has been a member of the faculty at Columbia University's School of International and Public Affairs since 1986 and also teaches in Columbia's Sustainability Management program. He is a LEED Accredited Professional and has served on the United States Technical Advisory Group (US TAG) for ISO 14000, the American Society for Testing and Materials (ASTM) Environmental Committee (E-50), and the Environmental Commission in Springfield (New Jersey), where he is also a lieutenant in the police reserve. He chaired the New York Chamber of Commerce Environment and Energy Committee and the New York Chapter of the Environmental Auditing Roundtable and was the president of a community-based non-profit corporation. He is a member of the editorial board of Environmental Quality Management and writes and lectures regularly. He earned his BA and MA from Brooklyn College and his MPhil and PhD from Columbia University.



**Mark Drozdov, MS, BSI, SSM, CFMS, RSO, CAI, CMA, GPRO** with an extensive experience in the Environmental, Health and Safety (EHS) has effectively completed diverse range of projects for HazMat Testing, Remediation Engineering, Industrial Hygiene, Safety, Risk, Hazards Assessment, Compliance/Training and Certification Audits. He's been on the industry's leading edge of BEST-PRACTICE programs development, implementation and management for over 25 years. Mark is ISO14001 Certified Environmental Management Systems (EMS) and ISO45001 Certified Occupational Health and Safety Management Systems (OHS MS) Lead Auditor ISO 19011:18 and US Technical Advisory Group (TAG) participant. He was elected to the IICRC Board of Directors and is on the Safety & Health Field Guide for Disaster Restoration Professionals Committee. As a Professional Member of American Society of Safety Professionals (ASSP), he's also on the Fall Protection Standards ANSI Z359 Committee.

Mark served as Graduate Curriculum Development Director for Polytechnic University/NYU, Industrial Hygiene Safety Consultant for Long Island Occupational Environmental Health Center at Stony Brook University. Mark is Principal Instructor for The Cooper Union's GBG/EHS Program\*\* and lecturer/adjunct professor @ Columbia University, CUNY/City & Hunter Colleges and Stevens Institute of Technology (SIT). Mark served as NY President of the American Industrial Hygiene Association and is a current AIHA.org ACTIONS Committee Officer. He was published in many industry publications, including on Risk Management in The Construction Executive and Crain's NY Business, and conducted numerous Presentations and Conferences and is recognized as a litigation support expert.

Mark heads the **OSHA+AIHA Alliance on PALMS\* Guideline/Best Practice - Significant Environmental Health & Safety (EHS) Issues** and compiled the Common Contaminants of Concern - Regulatory Levels in the PALMS\* of your hands:

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

1. Identifying and Comparing the Permissible Exposure Levels (PEL) and Action Levels (AL) for each of the PALMS.
2. Demonstrating the similarities and differences of these Common Contaminants of Concern.
3. Selection of the appropriate Personal Protective Equipment (PPE) for each and all PALMS.
4. Evaluating the Toxicity of each and all PALMS (most toxic and synergistic effects).
5. State-of-the-art Exposure assessment of each and all PALMS.

(\*\*) OSHA GHS - GLOBAL HARMONIZATION SYSTEM of CLASSIFICATION and LABELLING of CHEMICALS adopted by US OSHA and EU from United Nations (UN) Multi-Language Translations Provided by Students of Mark Drozdov, Adj. Professor @ [THE COOPER UNION](#) GREEN BUILDING GUIDELINES/ENVIRONMENTAL HEALTH & SAFETY (EHS) PROGRAMS.



**David Drozdov**, RPIH, CAI, CMA, GPRO, CSFSM is the Training Director of BSI Services and Solutions (NYC) Inc. 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.