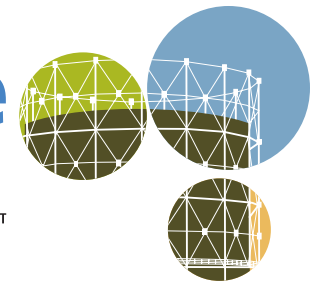


# MGP Conference

## 2019

INFORMATION  
TRANSFER  
FOR THE MGP  
SITE MANAGEMENT  
COMMUNITY



## POSTERS

POSTER TITLE	ORGANIZATION	AUTHORS
PARTNERSHIP WITH STAKEHOLDERS INCORPORATES SIGNIFICANT IMPROVEMENTS TO AN URBAN WATERWAY AS PART OF MGP REMEDIATION	NYSEG	John Ruspantini
	AECOM	Matthew Thorpe Cameron Dixon
	FWS	Carl Schwartz
DREDGING IN A FLOOD CONTROL WATERWAY, PENN YAN FORMER MGP SITE	NYSEG	John Ruspantini
	AECOM	Abby Chin Matthew Thorpe Carsten Floess
	Sevenson	Gary Rose Chester Adams
HISTORIC CONUNDRUM - THE PENN YAN MGP FORMER GAS HOUSE, PENN YAN, NY	NYSEG	John Ruspantini
	AECOM	Matthew Thorpe Carsten Floess Herbert Ramirez Cameron Dixon
ADAPTABILITY OF DREDGE DESIGN TO FIELD CONDITIONS, PENN YAN FORMER MGP SITE	NYSEG	John Ruspantini
	AECOM	Keith Stahle Abby Chin Matthew Thorpe Carsten Floess
	Sevenson	Gary Rose Chester Adams
CLOSING A URBAN SETTING MGP SITE WITH COMMUNITY GREEN SPACE	NiSource	Sidney Wuellner-Rice
	AECOM	Jennifer Williams Mark McCabe Roger Beck
FIELD-SCALE EVALUATION OF AEROBIC BIOOXIDATION TO DEplete GROUNDWATER CONTAMINANTS FROM COAL TAR AND CREOSOTE	AECOM	Randall Sillan
ISS TREATMENT ON THE SAN FRANCISCO BAY	Great Lakes Environmental & Infrastructure	Paul R. Lear, Ph.D. George Little

POSTER TITLE	ORGANIZATION	AUTHORS
PILOT STUDY TO EVALUATE SOLAR-POWERED AUTOMATED DNAPL COLLECTION SYSTEM, CLIFTON WORKS FORMER MANUFACTURED GAS PLANT (MGP) SITE, STATEN ISLAND, NY	National Grid AECOM	Sarah Aldridge Peter Cox Shail Pandya Jason Hovis Rob Forstner
SEDIMENT DELINEATION AND REMEDIATION WITHIN THE NEW YORK STATE BARGE CANAL AT A FORMER MANUFACTURED GAS PLANT SITE	NYSEG AECOM	Julia Ispentchian Tamara Raby James Kaczor Kristen Durocher Keith Meister Dino Zack
UNIQUE CHALLENGES OF FENCELINE AIR MONITORING DURING A THERMAL REMEDIATION PROJECT.	AECOM	Melissa McLaughlin
ASTM SEDIMENT ANALYTICAL GUIDE E3163 OVERVIEW	Alpha Analytical, Inc.	Jim Occhialini
IF WE KNEW THEN WHAT WE KNOW NOW - THE VALUE OF EARLY AND COMPREHENSIVE SITE CHARACTERIZATION AND REMEDIAL DESIGN	Ameren Services GEI Consultants	Dave Palmer Brian Holderness Donald Schilling Laurence Welch Brandon Teel
INNOVATIVE SITE CHARACTERIZATION FOR INTEGRATED REMEDIATION	Ameren Services AECOM	Dave Palmer Brad Rucker
BIOSPARGE REMEDIATION CASE STUDY	Tampa Electric Company/ Peoples Gas System Arcadis U.S., Inc.	Christopher Gasinski Guy Kaminski
USE OF CONTINUOUS WATER LEVEL MONITORING DATA TO ASSIST IN THE DEVELOPMENT OF CONCEPTUAL SITE MODELS AT FORMER MANUFACTURED GAS PLANT SITES	Brown and Caldwell	James Marolda Robert O'Neill
AN INNOVATIVE METHOD TO AUTOMATIC CONTROL OF DNAPL RECOVERY SYSTEM AT MGP SITES	Burns & McDonnell Engineering, Inc.	Adam Chen Donna Davis Joe Chittet Sam Hillier Joan Gonzalez
CHALLENGES IN CHARACTERIZATION AND REMEDIAL PLANNING AT A SITE WITH CO-MINGLED MGP AND CHLORINATED SOLVENT IMPACTS	Burns & McDonnell Engineering	Benjamin Clement
HIGH-RESOLUTION CHARACTERIZATION IN SUPPORT OF IN-SITU SOLIDIFICATION/STABILIZATION DESIGN	Burns & McDonnell Engineering	Benjamin Clement Scott Myers
INSTALLING A PERMEABLE REACTIVE BARRIER DURING MGP SITE REMEDIATION TO PREVENT OFFSITE CONTAMINATION	Burns & McDonnell Engineering, Inc.	Adam Chen Sam Hillier Joe Chittet Joan Gonzalez

POSTER TITLE	ORGANIZATION	AUTHORS
IN-SITU IMMOBILIZATION OF COAL-TAR AND MOBILE DNAPL AT MGP SITES USING LOW-TEMPERATURE THERMOCHEMICAL SOLIDIFICATION TECHNOLOGY	Burns & McDonnell Engineering, Inc.	Vipul Srivastava
	EcoLogic Strategies, Inc.	Tom Hayes
WHAT'S ALL THE FUSS ABOUT SEDIMENTS?	Electric Power Research Institute (EPRI)	Jeffrey Clock
	GEI Consultants, Inc.	Roger Hathaway, Presenting Author Bruce Coulombe Paul Jansen
ENHANCED HYDROCARBON FINGERPRINTING – MGP SITES	Eurofins TestAmerica	Kesavalu Bagawandoss
IN-SITU STABILIZATION AT A FORMER CONNECTICUT MGP	Eversource Energy	Drew Blicharz
	AECOM	Matthew Rood, Presenting Author Larry Hogan Craig MacPhee Bryan MacDonald
USE OF EX SITU PASSIVE SAMPLERS TO MEASURE BIOAVAILABLE POLYCYCLIC AROMATIC HYDROCARBONS IN SEDIMENTS AT A MANUFACTURED GAS PLANT SITE	Exponent Inc.	Susan Kane Driscoll Sungwoo Ahn, Ph. D Joy McGrath, M. S.
	University of Leipzig	Ariette Schierz Ahn Sungwoo
	Electric Power Research Institute (EPRI)	James Romer, B. S. Jeff Clock, M. S. ; M. B. A.
USE OF SITE-SPECIFIC BLACK CARBON PARTITION COEFFICIENTS FOR POLYCYCLIC AROMATIC HYDROCARBONS IN A NEW MULTI-SITE SEDIMENT TOXICITY MODEL FOR MANUFACTURED GAS PLANT SITES	WEC Energy Group – Business Services	Robert Paulson
	Exponent Inc.	Michael Kierski Joy McGrath Kane Driscoll Joshua Thompson James Sanders
ACCELERATED DNAPL TRANSMISSIVITY TESTING FOR REGULATORY OR DECISION POINT METRIC THRESHOLDS	GEI Consultants, Inc.	Lisa Reyenga Camille Carter James Ash
EMERGING CONTAMINANTS PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) SAMPLING AT FORMER MANUFACTURED GAS PLANT SITES IN NEW YORK	GEI Consultants, Inc.	Melissa Felter Kathleen Slimon
EVALUATION OF DISSOLVED-PHASE CONCENTRATION TRENDS PRE AND POST ISS APPLICATION AT THREE FORMER MGP SITES	GEI Consultants, Inc.	Youness Sharifi Jamey Stynchula Brian Mannino Ryan Sheaffer
FENCE LINE ODOR CONTROL MIST SYSTEM FOR UNDER \$1,000	GEI Consultants, Inc.	Jon Williams Christopher Bradley John Darmohray Akin Adegbayi

<b>POSTER TITLE</b>	<b>ORGANIZATION</b>	<b>AUTHORS</b>
IN-SITU SOLIDIFICATION AS A MULTI-PURPOSE TOOL FOR REMEDIATION	<b>GEI Consultants, Inc.</b>	Chris Pray Paul Jansen Mike Sabulis
NAPL MOBILITY IN SEDIMENTS: CHARACTERIZING NAPL MIGRATION POTENTIAL USING A MULTIPLE LINES OF EVIDENCE APPROACH	<b>GEI Consultants, Inc.</b>	Lisa Reyenga Camille Carter Tom Daigle Mike Hawthorne Bjorn Bjorkman
BENEFICIAL REUSE OF MGP SITE FOR RECREATIONAL PURPOSES	<b>GEI Consultants, Inc.</b>	Jamey Stynchula
SOLIDIFICATION OF MARINE SEDIMENTS AT A NEW JERSEY MGP SITE	<b>GEI Consultants, Inc.</b>	Jon Williams George Onorato Barry Raus
REALISTIC EXPECTATIONS FOR THE TREATMENT OF FORMER MGP RESIDUALS BY CHEMICAL OXIDANTS	<b>Tampa Electric Company/ Peoples Gas System</b>	Christopher Gasinski
	<b>Geosyntec Consultants, Inc.</b>	Andrew Brey
	<b>University of Waterloo</b>	Saeid Shafieiyoun Neil Thomson
ISS AT A FORMER MGP FACILITY – WHEN THE DRILLING GETS TOUGH, THE TOUGH GET DRILLING	<b>Great Lakes Environmental &amp; Infrastructure</b>	Paul Lear
IN SITU THERMAL REMEDIATION: FORMER STEEL AND COKING FACTORY RECONVERSION FOR 2022 OLYMPIC GAMES IN BEIJING, CHINA	<b>Haemers Technologies</b>	Jonathan de Grunne
BIOACTIVE CAPPING: NAPHTHALENE DEGRADATION IN SORPTIVE CAPPING MEDIA	<b>Electric Power Research Institute (EPRI)</b>	Jeffrey Clock
	<b>Haley &amp; Aldrich, Inc.</b>	Sean Carroll
	<b>Texas Tech University</b>	Giovanna Pagnozzi Kayleigh Millerick Danny Reible
THE USABLE PAST OF MGPS: ANNUAL RETURNS AND THEIR CONTINUED VALUE TO THE MGP REMEDIATION AND LEGAL COMMUNITY	<b>History Associates Incorporated</b>	Mike Reis Kimberly Silvi
	<b>GEI Consultants, Inc.</b>	Dennis Unites
ACTIVE GEOCOMPOSITES CONTROL BOTH DNAPL AND DISSOLVED ORGANIC CONTAMINANTS AT MGP SITES	<b>HUESKER Inc</b>	James Olsta Robert Creel
IN-SITU GEOCHEMICAL STABILIZATION (ISGS) FOR NON-AQUEOUS PHASE LIQUID TREATMENT – TECHNICAL ASSESSMENT	<b>Innovative Environmental Technologies</b>	Antonis Karachalios
COMBINED ACTIVATED PERSULFATE AND HYDROGEN PEROXIDE ISCO REMEDIATION AT A FORMER MGP SITE: LESSONS FROM THE BENCH AND THE FIELD	<b>Isotec</b>	Will Caldicott Paul Dombrowski Prasad Kakarla

POSTER TITLE	ORGANIZATION	AUTHORS
COMPARATIVE STUDY FOR ZVI/PEROXIDE VS FERRIC IRON OXIDE PERSULFATE ACTIVATION FOLLOWED BY INTRINSIC FACULTATIVE, BIOLOGICALLY MEDIATED PROCESSES	<b>Innovative Environmental Technologies</b>	Antonis Karachalios
LESSONS LEARNED FROM IMPLEMENTING IN-SITU CHEMICAL OXIDATION AT FORMER MGP SITES IN URBAN, RESIDENTIAL NEIGHBORHOODS SAFELY AND SUCCESSFULLY	<b>WEC Energy Group</b>	Frank Dombrowski
	<b>Isotec</b>	Will Caldicott Prasad Kakarla
FORENSICS OF PINTSCH GAS PLANT BYPRODUCTS	<b>META Environmental, Inc.</b>	David Mauro
COMMUNICATING COMPLEX MIGRATION PATHWAYS	<b>WEC Energy Group</b>	Frank Dombrowski
	<b>Ramboll</b>	Patrick Kenny Brian Hennings
VOLUNTARY EARLY REMOVAL ACTION OF SEDIMENTS AT FORMER GREEN BAY MGP	<b>WEC Energy Group – Business Services</b>	Robert Paulson
	<b>Ramboll</b>	Eric Hritsuk Staci Goetz Jennifer Hagen
AN OVERVIEW OF THE HISTORIC MASSACHUSETTS MGP INDUSTRY		Thomas Speight (Author)
	<b>University of Missouri at Rolla (Retired)</b>	Allen Hatheway
USING THE OPTICAL IMAGE PROFILING TOOL WITH A GREEN LASER DIODE (OIP-G) TO DETECT COAL TAR AT MGP SITES	<b>S2C2, Inc</b>	Tom Koester
	<b>Geoprobe Systems, Inc.</b>	Wesley McCall
EVALUATION OF SMALL UNILAMELLAR VESICLES AS A REMOVAL METHOD OF BENZO[A]PYRENE FROM HUMIC SUBSTANCES IN SOILS	<b>Temple University</b>	Alexis Nawotka Bojeong Kim Stephanie Wunder
PRINCIPAL THREAT WASTE – THE BENEFITS OF EARLY CONSENSUS	<b>WEC Energy Group</b>	Frank Dombrowski
	<b>Ramboll</b>	Marcus Byker, Presenting Author
DOSE RESPONSE STUDIES PRIOR TO FIELD TESTS OF ISCO/ISS TREATMENT: EFFECTIVENESS OF USING CEMENT-PERSULFATE MIXTURES IN MGP SOILS	<b>WEC Energy Group</b>	Frank Dombrowski
	<b>Western Michigan University</b>	Daniel Cassidy
	<b>Burns &amp; McDonnell Engineering, Inc.</b>	Vipul Srivastava
REMEDICATION OF FORMER RELIEF HOLDER AND SUBSURFACE PIPING, WORCESTER, MASSACHUSETTS	<b>Eversource Energy Service Company</b>	Gary Ladarola Matthew Calvert
	<b>Wood Environment &amp; Infrastructure Solutions, Inc.</b>	Kim Henry Tony Delano Melinda Ferullo