



Poster Gallery Program

April 3-5, 2011

Pennsylvania Convention Center
Exhibit Hall
Philadelphia, PA

The Poster Gallery is the popular venue for sharing information on community brownfields redevelopment projects, new technologies for assessing and cleaning sites, and other related brownfield topics. We encourage all Brownfields 2011 attendees to walk through the gallery and fill out a ballot for their favorite poster. We will announce the poster gallery winners on Tuesday April 5th, 2011 from 9:30 am – 10:15 am.

(1) *A Green Approach to a Modern Mess – ISCR of the Former Modern Electroplating Facility*

Presenter: Frank Ricciardi, Weston & Sampson Engineers, Inc.

(2) *Feeling Hot, Hot, Hot!!! In-Situ Thermal Remediation of a Former Mill Complex*

Presenter: Frank Ricciardi, Weston & Sampson Engineers, Inc.

(3) *Just When You Thought it Was Safe to Go Back in the Water. . . PCB's and Pools.*

Presenters: Cheri Ruane, RLA; Frank Ricciardi, PE, LSP, Weston & Sampson

(4) *Aerofab- Flying Into the Future in Sanford, Maine*

Presenters: Kelley Race, Weston & Sampson; James Gulnac, Town of Sanford, Maine; Frank Gardner, USEPA Region 1; Wilkes Harper, Maine Department of Environmental Protection; Amy Cole Ives, Sutherland Conservation & Consulting

(5) *Environmentally Impaired To Medically Repaired- The Bedard Medical Campus, Auburn, Maine*

Presenters: Kelley Race, Weston & Sampson; Tracey Steuber, Building Solutions/City of Auburn, Maine; Roland Miller, City of Auburn, Maine; James Byrne, USEPA Region 1; Wilkes Harper, Maine Department of Environmental Protection

(6) *Urban Sustainability - Retro, Rehab, Reuse, and Redevelopment*

Presenters: Kelley Race, Weston & Sampson ; Gail Chase, Kennebec Valley Council of Governments, Fairfield, Maine; Christine Lombard, USEPA Region 1; Gordon Fuller, Maine Department of Environmental Protection

(7) *American Public University Converts Brownfield into 45000 sqft of LEED Workspace*

Presenters: Wesley Holmes, American Public University System; Dr. Carol Pollio, American Public University System

(8) *Anatomy of a Brownfields Demolition & Cleanup Project - Former Woods Woolen Mill Site*

Presenter: Bettina Eames, Loureiro Engineering Associates, Inc.

(9) *Former Woods Woolen Mill Site – A Brownfields Story*

Presenter: Bettina Eames, Loureiro Engineering Associates, Inc.

(10) *Applying Risk-based Decision Making to the Management of Contaminated Sediments in the Kingston Inner Harbour*

Presenter: Viviane Paquin, Royal Military College of Canada

(11) *Asbestos Analysis in Brownfields Reclamation Projects*

Presenter: Frank Ehrenfeld, International Asbestos Testing Laboratorie

(12) *Asbestos site to a new police station*

Presenter: Neil Thurber, AECOM

(13) *Sandlot to habitat*

Presenter: Neil Thurber, AECOM

(14) *Assembling a Winning Team for Your Redevelopment Projects and Strategic Acquisitions*

Presenters: Amy Reis, Trihydro Corporation; George Mathes, P.E., Vice President; Gary Risse, P.E., Senior Engineer; Carol Murphy, CHMM, Senior Engineer; Dave Mamrose, P.E., Senior Engineer; Dylan Morgan, P.G., Senior Geologist

(15) *Beyond Rural Challenges: Creating Momentum for Alaska Brownfields Work*

Presenter: Katie Burbage, Alaska Native Tribal Health Consortium

(16) *Brown to Green: Achieving Community Revitalization through Area-Wide Planning for Brownfields and Green Infrastructure*

Presenter: Sarah Malpass, E2 Inc.

(17) *Brownfield Program Achievements in Wauwatosa, Wisconsin Stimulated by the American Recovery and Reinvestment Act of 2009.*

Presenters: Harris Byers, Symbiont; Jennifer Ferguson; City of Wauwatosa

(18) *Brownfield Site Redevelopment for Municipal Public Works Facility, City of Rock Island, Illinois*

Presenter: Richard Binder, Symbiont Science, Engineering and Construction, Inc

(19) *Brownfield to LEED Redevelopment – Sustainable Design*

Presenter: Marc Bouvier, Nobis Engineering, Inc.

(20) *Brownfields' - It's Not About the Contamination*

Presenter: Muriel Robinette, New England EnviroStrategies, Inc.

(21) *Brownfields around the world: what's in a word?*

Presenter: Paul Nathanail, University of Nottingham

(22) *Constructed wetlands: The sustainable remediation option for of organic contaminants*

Presenters: Alex Brearley, University of Nottingham, UK; Paul Nathanail, University of Nottingham, UK

(23) *Redevelopment as a spur to legacy: Lessons from mega events in the UK.*

Presenters: Kevin Brown, University of Nottingham, UK; Paul Nathanail, University of Nottingham, UK

(24) *Regeneration of a Former Military Site in the UK.*

Presenters: Jennifer Mullen, University of Nottingham, UK; Paul Nathanail, University of Nottingham, UK

(25) *Brownfields Redevelopment in North Central Massachusetts*

Presenter: Charlie Springer, TRC

(26) *Brownfields: Moving Toward Redevelopment*

Presenter: Elizabeth Trosper, City of Lewisville

(27) *CAROpus - A Model-Based Software Tool to Assist in the Selection of Risk-Based Management Strategies for Contaminated Sites*

Presenters: Michael Finkel, University of Tuebingen, Center for Applied Geoscience, Tuebingen, Germany; Ursula Solarid McKnight, Technical University of Denmark, Department of Environmental Engineering, Lyngby, Denmark

(28) *City of Zion Brownfield Assessment, Cleanup, and Redevelopment Planning*

Presenter: Eric Powley, Symbiont Science, Engineering and Construction, Inc.

(29) *Classic Towns of Greater Philadelphia*

Presenter: Karen Cilurso, Delaware Valley Regional Planning Commission

(30) *Creating Livable Communities in Greater Philadelphia*

Presenter: Karen Cilurso, Delaware Valley Regional Planning Commission

(31) *Sustainable Remediation of a Hazardous Waste Pit at a Closed Landfill via Soil Vapor Extraction and Recovery to Accelerate Removal of Chlorinated VOC's and its Applicability to Power Generation*

Presenter: E.J. Lachendro, GEO Inc.

(32) *Cranberry Creek Farm Marketplace and Auction Brownfield Redevelopment*

Presenter: Erin Gross, Penn State University

(33) *Creating Habitat: A Story of Migratory Birds*

Presenter: Doug Sheredos, Ayers Saint Gross

(34) *Creating More Sustainable Data by Improving the Assessment Data Gap*

Presenters: Ryan Eckdale-Dudley, Symbiont Science, Engineering, and Construction; Gabe Cameron, Elkhart County, Indiana; Laura Coyne, Elkhart County, Indiana; John Hulewicz, Elkhart County, Indiana; Robert Watkins, Elkhart County, Indiana

(35) *Daylighting of the Saw Mill River at Larkin Plaza*

Presenter: Mark Lennon, PS&S

(36) *Denver Central Platte Campus Redevelopment Through a Public-Private Partnership*

Presenter: Diane DeLillio, City and County of Denver

(37) *Derelict Land to a Great Public Park, within One Year*

Presenter: Xiaodi Zheng, Tsinghua University, School of Architecture

(38) *DIGGING IN*

Presenter: Catherine Ward, Stradley Ronon Stevens & Young LLP

(39) *Earthship Philadelphia*

Presenter: Rashida Ali-Campbell, LoveLovingLove, Inc.

(40) *EPA and You: Advancing Greener Cleanups*

Presenter: Hilary Thornton, EPA Region 3

(41) *EPA's Engineering Forum*

Presenter: Hilary Thornton, EPA Region 3

(42) *From Superfund Site to Super Site: a Sustainable Industrial Park in East Tennessee*

Presenter: Lydia Birk, Bechtel Jacobs Company

(43) *Former R & D Facilities - Unique Challenges and Opportunities for Redevelopment*

Presenter: Larry Roach, Groundwater Sciences Corporation

(44) *Frac Water Desalination*

Presenter: Russell Blankenship, Pennsylvania College of Technology

(45) *From Brown and Blight to Productive and Bright: Transforming a Contaminated Brownfield into New England's Largest Solar Facility*

Presenter: Matt Spadi, Weston & Sampson

(46) *From Ruins to Homes for Seniors*

Presenters: Keith McPartland, Langan Engineering & Environmental; Robert Koto, Langan Engineering & Environmental Services

(47) *Green Remediation of Chlorinated VOCs Through Enhanced Reductive Dechlorination*

Presenter: Eric Lindhult, GZA GeoEnvironmental, Inc.

(48) *Hydroponics Farm change a Brownfield*

Presenter: Stefan Stroh, "Stefan Stroh Opportunity Foundation"

(49) *In situ Remediation of Trichloroethylene Using Iron-Osorb® nanomaterials*

Presenter: Deanna Pickett, ABSMaterials

(50) *Palladium-Osorb® for Catalytic ex situ Remediation of Groundwater Contaminants*

Presenter: Deanna Pickett, ABSMaterials

(51) *Innovative NAPL trapping cap technology streamlines historic Maine river waterfront recreational redevelopment and habitat conservation*

Presenter: Tim Russell, RMT, Inc.; Dr. Steve Webb, P.E., RMT, Inc.

(52) *Integrating Remedial Technologies at a Brownfields Site*

Presenter: David Russell, AECOM

(53) *Integration of High Resolution Site Characterization Data into a Geographic Information System (GIS) based Conceptual Site Model (CSM) Assists Brownfield Developers in Defining Environmental Liabilities and Achieving a Cost Effective Remedial Outcome*

Presenter: Jason Ruf, S2C2 inc.

(54) *Lessons Learned on Brownfield Projects*

Presenters: Ruth Haag, Haag Environmental Company; Bob Haag, Haag Environmental Company

(55) *Leveraging Multiple Funding Sources to Complete Assessment and Remediation of a Contaminated Abandoned Property*

Presenter: Nancy E. Milkey, P.G., LSP, Tighe and Bond

(56) *Life Cycle Carbon Footprints for Remediation Options*

Presenter: Terrie Boguski, KS State Univ. - Ctr. for Haz. Substance Research

(57) *LNAPL Remedial Technology Selection*

Presenter: Pamela Trowbridge, Pennsylvania Department of Environmental Protection

(58) *"Lower Luzerne Local"*

Presenter: Kaylynn Primerano, Penn State University

(59) *Low-Profile Site Characterization of a Large Urban Renewal Area by use of a High-Resolution Passive Soil Gas Technology*

Presenter: Harry O'Neill, Beacon Environmental Services, Inc.

(60) *Mapping Gary's Gas Station History for a Cleaner Greener Future*

Presenter: Dorreen Carey, City of Gary Environmental Affairs

(61) *Metals In Soil- A Simple Ranking of Potential Impact*

Presenters: Bill Swanson, CDM Inc.; Jay McMullen, CDM Inc.

(62) *MoPED: Just Point and Click*

Presenter: Mark Goodson, East Baton Rouge Redevelopment Authority

(63) *Multi-Parcel Phase I ESAs-An Innovative and Cost-Effective Approach*

Presenter: Dave Duncklee, Duncklee & Dunham, P.C.

(64) *New Continuous Monitoring Technologies for Vapor Intrusion, Remediation and Site Assessment*

Presenters: Geoff Hewitt, ION Science (Americas) LLC; Dr. Peter Morris of ION Science Ltd

(65) *Ogdensburg Brownfield Opportunity Areas: Tools for Unlocking Potential*

Presenter: Andrea Smith, City of Ogdensburg

(66) *Optimizing Land Revitalisation - The SAFIRA II Megasite Management Toulssuite (MMT)*

Presenters: Stephan Bartke, Helmholtz-Centre for Environmental Research – UFZ; Martin Bittens, Helmholtz-Centre for Environmental Research – UFZ; Alena Bleicher, Helmholtz-Centre for Environmental Research – UFZ; Michael Finkel, Eberhard Karls University Tuebingen, Center for Applied Geosciences; Matthias Gross, Helmholtz-Centre for Environmental Research – UFZ; Andreas Justen, Eberhard Karls University Tuebingen, Center for Applied Geosciences; Max Morio, Eberhard Karls University Tuebingen, Center for Applied Geosciences; Sebastian Schaedler, Eberhard Karls University Tuebingen, Center for Applied Geosciences

(67) *Tailored Improvement of Brownfield Regeneration in Europe*

Presenter: Stephan Bartke, Helmholtz-Centre for Environmental Research - UFZ

(68) *Overcoming Barriers to Substantive Public Participation in Community Brownfields Redevelopment Projects*

Presenter: Allison Turner, West Chester University

(69) *Partnering for Progress in Rural Alaska: ANTHC's Plan for Building Upon Previous Phase 1 Assessments in the Copper Valley Villages*

Presenter: Kimberly Smith, ANTHC

(70) *PCE Source Zone Remediation at the Orlando Events Center Brownfield Site*

Presenter: Will Moody, Geo-Cleanse International, Inc.

(71) *Perceptions versus Reality*

Presenter: Brian Bachmann, St. Germain Collins

(72) *Permaculture - A viable solution for creating sustainable urban/suburban communities*

Presenter: Melissa Miles, Eastern PA Permaculture Guild

(73) *Planning of a Successful In-Situ Groundwater Remediation at Your Brownfield Site*

Presenter: Paul Dombrowski, AECOM

(74) *Public health assessment at a Brownfield's Site in Pennsylvania*

Presenter: Christine Lloyd, Pennsylvania Department of Health

(75) *Realities of Area-wide Planning for the Redevelopment of Brownfield Properties in the City of Muncie, Indiana: Linking Learning, Health and Prosperity.*

Presenter: Tina Reese, Symbiont

(76) *Recapturing the Waterfront: Philadelphia's Drive to Establish Greenways along the Schuylkill and Delaware Rivers*

Presenter: Elizabeth Parsons, Langsam Stevens & Silver LLP

(77) *Redevelopment of the Former Plainwell Paper Mill*

Presenter: Gary Klepper, Conestoga-Rovers & Associates

(78) *Remediation and Reuse of a former Manufactured Gas Plant Site in Champaign, IL*

Presenter: Manasi Mhasawade, University of Illinois at Urbana - Champaign

(79) *Remediation of Toxic Agents While Building Soil Carbon*

Presenter: Erich J. Knight, EcoTechnologies Group

(80) *RE-Powering Former Gas Stations*

Presenters: Caley Johnson, U.S. Department of Energy, National Renewable Energy Laboratory; Deb Steckley, U.S. Environmental Protection Agency, Office of Underground Storage Tanks

(81) *ReVenture Park: Charlotte's Renewable Energy Eco-Park on a Superfund site*

Presenter: Chris Neaville, Withers & Ravenel

(82) *Revitalizing Wilmington's Riverfront*

Presenter: David Long, BrightFields, Inc

(83) *Role of Human Health Risk Assessment in Brownfields Programs*

Presenters: Michael Musso, PE, MS, MPH, HDR, Inc.; Vincent Carbone, PG, CPG, HDR. Inc.; James Koval. HDR, Inc.

(84) *Safe Gardening Techniques: Health Education Initiatives near Brownfields in Pennsylvania*

Presenter: Barbara Allerton, Pennsylvania Department of Health

(85) *Silk: The Revitalization of a Historic Brownfield Through the Arts*

Presenter: Spillman Farmer Architects

(86) *The ArtsQuest Center @ Steel Stacks*

Presenter: Spillman Farmer Architects

(87) *Soil Kitchen*

Presenter: Dan Allende, Futurefarmers; Amy Franceschini, Futurefarmers

(88) *Solar Power on Brownfield Sites*

Presenters: Steven Werner, Project Navigator – Atlantic; Ian A. Webster, Project Navigator, Ltd; Robert Potter, Project Navigator, Ltd; Bob Piniewski, Project Navigator, Ltd; Martin Vu, Project Navigator, Ltd

(89) *Staying Alive in a Contracting Market: Solar Power on Brownfield Sites*

Presenters: Steven Werner, Project Navigator – Atlantic; Ian A. Webster, Project Navigator, Ltd; Robert Potter, Project Navigator, Ltd; Bob Piniewski, Project Navigator, Ltd; Martin Vu, Project Navigator, Ltd

(90) *Stormwater Infiltration at a Brownfields Site*

Presenter: Christopher Smith, Pennsylvania DEP

(91) *Superfund Site reused for alternative energy generation*

Presenter: Mitch Cron, EPA

(92) *Sustainable Redevelopment: Retooling Our Industrial Heritage*

Presenter: Sally Gladwell, The Mannik & Smith Group, Inc.

(93) *Take the Hazards Out of Lead Based Paint*

Presenter: James Barthel, MT2, LLC

(94) *The Need for SPEED: NYC's Environmental GIS Application Promotes Brownfield Redevelopment*

Presenter: Lee Ilan, City of New York

(95) *The Role of Air Testing and Vapor Intrusion and the Challenges of Reporting Representative and Relevant Data.*

Presenter: Chris Anderson, TestAmerica Laboratories, Inc.

(96) *THE STEEL YARD: from Brownfield to urban oasis*

Presenters: Drake Patten, The Steel Yard; Kaki Martin, Klopfer Martin Design Group (KMDG); Mark Klopfer of Klopfer Martin Design Group (KMDG)

(97) *Tree Screening and Wind Turbine Visibility at a Large Air Force Superfund Site*

Presenter: Scott DeHainaut, CH2M HILL

(98) *Turning Brownfields Green with Economics, Education and Ecology*

Presenter: Denise Husband, Environmental Design

(99) *Turning Upsidedown to Rightsideup*

Presenter: Kenn Anderson, Aon

(100) *Urban Soil Investigations for Ecosystem Management*

Presenters: Stephen Dadio, CPSS T&M Associates; April Barkasi, P.E. Cedarville Engineering; Russ Losco, CPSS Lanchester Soil Consultants; William Shuster, EPA Region 5

(101) *USEPA Superfund Landfill Methane-To-Energy Assessment Tool*

Presenter: Steven Chang, OSWER/OSRTI

(102) *Using Land Banks to Address Brownfields - Lessons From Michigan*

Presenters: Robert Linn, University of Michigan; Andrew Linn, Zachary & Associates

(103) *Washington Avenue Green - From Concrete Slab to Riparian Habitat*

Presenter: Adam Ganser, Biohabitats Inc.

(104) *West Haymarket Brownfields Redevelopment; Lincoln, Nebraska*

Presenter: Sarah Willnerd, Alfred Benesch and Company

(105) *Why mummify if you can say goodbye? A comparison of biodegradation in dry tombs & bioreactors by measuring CO2.*

Presenter: Aamna Abbasi, Orange Crescent School

(106) *Your Town: Community Revitalization of Agricultural Heritage*

Presenter: Barry Kew, The Pennsylvania State University

(107) *Your Town: How can Brownfield Redevelopment be used to promote Agricultural Heritage*

Presenter: Barry Kew, The Pennsylvania State University

(108) *Frostburg Grows: A "mineful" approach for reclaiming abandoned urban mine land*

Presenter: Adam Plourde, George's Creek Watershed Association