

**2015 - Contaminated Site Management:
Sustainable Remediation & Management of Soil, Sediment
and Water
(CSM-2015)**

Call for Abstracts: Deadline – Tuesday, June 30, 2015
www.redoxtech.com

Crowne Plaza, San Diego, California, USA
November 16-19, 2015

International Organizing Committee

Hussain Al-Ekabi, Redox Technologies, Inc. Canada

Isaac M. Aboulafia, MEC^x, Houston, TX, USA

David Alden, Tersus Environmental, Wake Forest, North Carolina, USA

Hilde Decuyper, A+E Consult bvba, Belgium

Tad Fox, HydroGeoLogic, Inc, Hudson, Ohio, USA

Richard J. Hirsch, Hirsch Gibney, Inc., Parker, Colorado, USA

Scott G. Huling, U.S.EPA, Ada, OK, USA

George Ivey, Ivey Environmental Inc., Surrey, B.C. Canada

Song Jin, Advanced Environmental Technologies, LLC, Fort Collins, CO, USA

Vladimir Jirku, Institute of Chemical Technology, Czech Republic

Hope Lee, Pacific Northwest National Laboratory, Richland, WA, USA

Kira Lynch, US EPA ORD OSP, Seattle, USA

Sriram Madabhushi, Booz|Allen|Hamilton, USA

Mohamed Odah, Accelerated Remediation Technologies, Inc., Overland Park, Kansas, USA

Wayne Powell, Patheon, USA

Jack Sheldon, Antea™Group, Kerr Lab, Ada, OK, USA

Patricia Sobecky, University of Alabama, Tuscaloosa, AL, USA

Allen M. Stegman, BNSF Railway Company, Fort Worth, Texas, USA

Marcos Tanaka Riyis, ECD Sondagens Ambientais, Sorocaba, SP, Brazil

Omer J. Uppal, Langan, Elmwood Park, New Jersey, USA

Confirmed Presentations

Isaac M. Aboulafia, MEC^x, Houston, TX, USA

- ***Modern ISCO: Engineered and Enhanced***

David Alden, Tersus Environmental, Wake Forest, North Carolina, USA

- **TBA**

Hilde Decuyper, A+E Consult bvba, Belgium

- **TBA**

Tad Fox, HydroGeoLogic, Inc, Hudson, Ohio, USA

- **TBA**

Richard J. Hirsch, Hirsch Gibney, Inc., Parker, CO, USA

- **TBA**

Scott G. Huling, U.S.EPA, Ada, OK, USA

- **TBA**

George Ivey, Ivey Environmental Inc., Surrey, B.C. Canada

- ***Surfactant Enhanced Push-Pull Method for In-Situ Remediation of Petroleum Contaminated Soil and Groundwater***

George Ivey, Ivey Environmental Inc., Surrey, B.C. Canada

- ***Innovative Chemical Treatment of TBT (Tributyltin)-Impacted Marine Sediments: A Bench Scale Study***

Song Jin, Advanced Environmental Technologies, LLC, USA

- ***Application of Bio-Electrochemical Technologies in Sustainable Remediation***

Vladimir Jirku, Institute of Chemical Technology, Prague, Czech Republic

- **TBA**

Hope Lee, Pacific Northwest National Laboratory, Richland, WA, USA

- **TBA**

Kira Lynch, US EPA ORD OSP, Seattle, USA

- ***High-Resolution Characterization of a Large, Complex Chlorinated Solvent Plume to Support Remedy Implementation***

Sriram Madabhushi, Booz|Allen|Hamilton, USA

- ***Effective Portfolio Management for Contaminated Properties (C8) or GSR (C1) or Regulatory Initiatives Impacting Contaminated Sites***

Mohamed Odah, Accelerated Remediation Technologies, Inc., Overland Park, Kansas, USA

- **TBA**

Wayne Powell, Patheon, USA

- *Application of Mobile Steam Distillation for Thermal Treatment of Solvent and Pesticide Contaminated Soil*

Jack Sheldon, Antea™Group, Kerr Lab, Ada, OK, USA

- *TBA*

Patricia Sobecky, University of Alabama, Tuscaloosa, AL, USA

- *TBA*

Allen M. Stegman, BNSF Railway Company, Fort Worth, TX, USA

- *TBA*

Marcos Tanaka Riyis, ECD Sondagens Ambientais, Sorocaba, SP, Brazil

- *TBA*

Omer J. Uppal (Co-Authors: Christopher McMahon, Matthew Ambrusch, Nadira Najib, Steve Ciambruschini, Imtiyaz Khan and Stewart H. Abrams), Langan, USA

- *An Integrated Multiphase Extraction, Soil Vapor Extraction, and Air Sparging Approach for Treatment of LNAPL Impacts*

Omer J. Uppal (Co-Authors: Christopher McMahon, Matthew Ambrusch, Nadira Najib, Steve Ciambruschini, Imtiyaz Khan and Stewart H. Abrams), Langan, USA

- *Landfill Gas Mitigation Design Considerations for Large Site Redevelopments*

Omer J. Uppal (Co-Authors: Christopher McMahon, Matthew Ambrusch, Nadira Najib, Steve Ciambruschini, Imtiyaz Khan and Stewart H. Abrams), Langan, USA

- *ISCO Implementation Inside an Active Manufacturing Facility*

Omer J. Uppal (Co-Authors: Christopher McMahon, Matthew Ambrusch, Nadira Najib, Steve Ciambruschini, Imtiyaz Khan and Stewart H. Abrams), Langan, USA

- *Design and Implementation of an Air Sparge System for Treatment of PCE in Deep Confined Aquifers*

The scope of the conference

The **CSM-2015** covers the following themes:

A. Tools for Defining Impacts and Liabilities to Soil, Sediment and Water

1. Tools and Methods for Defining Contaminants Distributions such as MIPs, Waterloo Profilers, etc.
2. Understanding Matrix Diffusion
3. Contaminant Transport in Complex lithologies
4. Using the Triad Approaches for Effective Site Characterization
5. High Resolution Characterization Techniques
6. Data Management and Graphical Tools for Contaminant Distribution and Transport
7. Sampling and Monitoring—Analytical Methods, Technologies, and Strategies
8. Molecular/ Biological Tools for Understanding Contaminant Transportations
9. Human and Ecological Risk Determination
10. Remediation and Risk Management at Fractured Bedrock Sites
11. Developing Effective Conceptual Models
12. Emerging Contaminants Issues

B. Tools for Mitigating Impacts to Soil, Sediment and Water

1. Biological Methods of Contaminant Treatment
 - i. *In-Situ Bioremediation*
 - ii. *Enhanced Bioremediation Strategies*
 - iii. *New Approaches for Enhanced Bioremediation of Hydrocarbons and PAHs*
 - iv. *Enhanced Bioremediation of Chloromethane and Chlorinated Aromatics*
 - v. *New Concepts for Enhanced Bioremediation of Chlorinated Ethenes*
2. ISCO and ISCR Methods for Contaminant Treatment
 - i. *In-Situ Chemical Oxidation*
 - ii. *New Concepts of In-Situ Chemical Oxidation*
 - iii. *In-Situ Chemical Reduction*
 - iv. *Coupling of ISCO with Bioremediation*
3. Applications of Zero Valent Iron (ZVI)
4. In-Situ and On-Site Thermal Remediation
5. Contaminant Stabilization and Fixation
6. Permeable Reactive Barriers
7. Phytoremediation
8. Natural attenuation Processes Including Abiotic and Biotic Processes
9. Advances in Natural Attenuation
10. Innovative Delivery Techniques
11. Extraction Technologies using Air, Water, Heat or Energy
12. Use of Technical Impracticality
13. Plume Management and Treatment
14. Source Treatment Technologies

C. Strategies for Managing Contaminated Soil, Sediment and Water

1. Green and Sustainable Remediation
2. Sustainable Sediment Management
3. Integrated DNAPL Remediation Approaches
4. Integrating Remediation with Development (brownfields)
5. Regulatory Initiative Impacting Contaminated Sites

6. Managing Natural Resource Damages
7. The Economics of Remediation
8. Effective Portfolio Management for Contaminated Properties
9. Control versus Treatment
10. Managing Third Party Liabilities

D. Wastewater Treatment

E. Management of Water Systems

F. Vapor Intrusion Assessment and/or Mitigation

Call for Abstracts

Scientists, Engineers, and business professionals who are interested in Remediation and Management of Soil, Sediment and Groundwater are strongly encouraged to submit abstracts of up to 500 words in MS word format describing their work. **The deadline for submitting abstracts is Tuesday, June 30, 2015.** Abstracts should be submitted in a MS Word format to Hussain Al-Ekabi (hussain@alekabi.com).

In addition to the invited speakers, a large number of abstracts that will be submitted based on “Call for Abstracts” will be chosen for platform presentations. The rest of the abstracts will be presented in the poster sessions. Although the program will be constructed on the merit of the contributions (abstracts), authors are advised to indicate their preference of presentations (Platform or Poster). Each poster will have 1.2 m x 1.2 m of display space.

Guidelines to Prepare Abstracts

Please follow the following guidelines in preparing your abstract(s):

- Type single space using, if possible, Times New Roman 12-point font (preferred);
- Keep all material within a one-inch margin on all sides;
- The title should be typed in boldface (Title Case, 14- points) centered at the top of the page;
- Leave a double space between the title and the names of the author(s);
- The names of the authors should be typed in boldface in single space, followed by the addresses of the authors in single space; underline the name of the presenting author;
- Leave a double space between the end of the addresses and the opening paragraphs;
- Abstracts should be sent, in Microsoft Word format, to Dr. Hussain Al-Ekabi (E-mail: hussain@alekabi.com).

Call for Exhibits

Companies involved in soil, Sediment and groundwater are invited to exhibit their products and/or services. Exhibits will be displayed throughout the conferences in a central area near the registration desks, coffee breaks, poster sessions and lecture rooms. The cost of an 8-ft x 10-ft exhibiting space is **\$1750.00** if payment is received on or before **Tuesday, June 30, 2015** and **\$2000.00** if payment is received after that date. The exhibition fee includes two free registrations to attend all lectures, lunch, coffee breaks, reception and the banquet dinner. Thus, with two free registrations, the cost of the exhibition is essentially nominal. We lowered the cost in order to encourage environmental consulting and technology firms to exhibit their products/services. Please, reserve early, as space is limited, and will be served on a first come first serve basis.

Registration

The deadline for the early registration is **Tuesday, June 30, 2015**. The on-site registration starts on **Sunday, November 15, 2015 between 2:00 – 7:00pm** and will be resumed on **Monday morning at 7:30am**.

Meeting Site and Accommodation

CSM-2014 will be held at the Crowne Plaza of San Diego, California, USA. A block of rooms with discounted conference rates has been reserved for the participants until **Wednesday, October 28, 2015**. The block is reserved under **Redox Technologies, Inc**. The rate is **\$110US** for a single-bed or double bed rooms. For online reservation please click on the link: <https://resweb.passkey.com/go/RedoxTechnologiesInc>. It will take you directly to the block of **Redox Technologies, Inc**. You can also make a reservation by phone: **1-888-233-9527** and then ask to be booked at the conference rate of **Redox Technologies, Inc**.

Dates to Remember

Tuesday, June 30, 2015		Deadline for receiving abstracts
Tuesday, June 30, 2015		Deadline for receiving payments of early registration
Friday, August 21, 2015		Notification of the authors regarding their abstracts
Sunday, Nov. 15, 2015	2:00 – 7:00pm	On-site registration
Monday, Nov. 16, 2015	8:30am – 5:30pm	Technical sessions
Tuesday, Nov. 17, 2015	8:30am – 5:30pm	Technical sessions
Wednesday, Nov. 18, 2015	8:30am – 5:30pm	Technical sessions
Wednesday, Nov. 18, 2015	7:00 – 9:00pm	Reception & Banquet Dinner
Thursday, Nov. 19, 2015	8:30am – 4:00pm	Technical Sessions
Thursday, Nov. 19, 2015	4:00pm	Adjourn