

**Sustainable Approaches to  
Remediation of Contaminated Land  
(SARCL-2010)**

**Call for Abstracts: Wednesday, June 30, 2010**  
Website: [www.redoxtech.com](http://www.redoxtech.com)

**Town & Country Resort, San Diego, California  
November 16-18, 2010**

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## Conference Correspondence

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## The Scope of the Conference

Sustainability is defined as “providing the best outcomes for the human and natural environments both now and into the indefinite future” (Scripps College) as well as “meeting the needs of the present generation without compromising the ability of future generations to meet their own needs” (Brundtland Commission). When applied to the remediation of contaminated land, sustainability means that there is a net improvement to the environment for human and ecological receptors. Remediation activities can consume energy and water, produce wastes, release toxins to air and water, produce green house gases, and impact the quality of life in local communities. These factors need to be balanced against the resulting mitigation of environmental impacts and improvements in land use resulting from remediation.

Sustainability in remediation is an evolving risk management and regulatory concept. Currently, it is viewed and applied as a guidance principle and not as a specific regulatory requirement. The tools to assess and quantify sustainability as a factor in evaluating remedial options are still being developed. One expression of sustainability is the use of

“green” technologies. “Green” technologies utilize “the application of the environmental science to conserve the natural environment and resources” (Wikipedia).

The purpose of this conference on “Sustainable Approaches to Remediation of Contaminated Land in Europe” is to provide a forum to discuss policy, tools, technologies, and applications relating to the development of sustainability as a core value in remediation practices.

**Plenary Session** - The plenary session is designed to set the stage for the papers that will be presented at the parallel tracks. Talks will cover:

1. Will sustainability be regulation driven or only guidance based?
2. Can sustainability be accurately and quantitatively evaluated?
3. Is “green technology” really an improvement in available technology or just marketing?
4. Does any-one really use sustainability principles in land remediation projects?

**Parallel Tracks** - There will be four parallel tracks for papers as follows:

**1. Policy, Regulations and Guidance for Sustainable Remediation including:**

- a. Regulatory, governmental and NGO initiatives for evaluating and applying sustainable remediation; regional and country-specific differences in perspectives;
- b. Sources of information and guidance on sustainable remediation (regulatory, industrial, and public interest groups actively supporting sustainable remediation, such as CL: AIRE, NICOLE, SAGTA, SURF and SURF-UK); and
- c. Development of standardized protocols for the evaluation and implementation of sustainable remediation (current and upcoming guidelines for the proper evaluation, use, and monitoring of sustainable remediation projects).

**2. Sustainability Metrics including:**

- a. Tools for evaluating sustainability - qualitative and quantitative procedures to evaluate resource (energy and water) consumption, environmental impacts, technology selection, and project expenses; weighting of factors to provide a ranking of alternative approaches; determining net environmental benefit;
- b. Improving sustainable remediation evaluations and decisions (improvements in site characterization technologies and approaches, stakeholders input, and economic analyses to provide data for evaluating sustainability); and
- c. Measuring the effectiveness of sustainable remediation projects (what quantitative methods are used to ensure that sustainable remediation projects are meeting their design criteria for contaminant treatment as well as minimizing environmental impacts).

### **3. Green Technologies, including:**

- a. Technologies and remediation strategies used in sustainable remediation projects (what existing technologies, promising “green” technologies and implementation strategies are suitable for use in new remediation projects to provide a more sustainable approach);
- b. Retrofitting existing remediation projects to improve sustainability; and
- c. Comparative evaluations of remedial technologies to assess resource consumption (energy and water), production of wastes, release of toxins to air and water, production of green house gases, and impact on the quality of life in local communities.

### **4. Case Histories including:**

- a. Integrating sustainable principles, practices and metrics into remediation projects (case studies of life-cycle design evaluations, technology evaluation and design, field pilot testing, retrofitting of existing projects, and full-scale projects);
- b. Impediments and barriers to sustainable remediation (what they were and how they were overcome including societal, technical, economic, regulatory, and legal issues); and
- c. Improving land use through remediation while maintaining environmental protectiveness.

## **Call for Abstracts**

Please submit by **Wednesday, June 30, 2010** up to 500 words abstract. Indicate in your submission whether you prefer a platform or a poster presentation. Please identify the Track you prefer for your abstract. Submissions for consideration as poster presentations are strongly encouraged (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 capital letters 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**

Organizations conducting business related to “Sustainable Approaches to Remediation of Contaminated Land” 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 booth is **\$2,250US** if payment is received on or before **Wednesday, June 30, 2010**, and **\$2,500US** if payment is received after that date. This includes two free registrations to attend the technical sessions of the conference. 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 **Wednesday, June 30, 2010**. The on-site registration starts on **Monday, November 15, 2010 from 2:00 – 8:00 p.m.** and will resume on **Tuesday, November 16 at 7:30 a.m.**

**Important Note** - All registration fees are set in US dollars. The registration fees can be paid either by credit cards (Visa, Master Card or American Express) or by a bank transfer. Payment made by Visa will be charged in US dollars. Payments made by a Master Card or an American Express Card will be converted into their equivalents in Canadian dollars using also the exchange rate of Bank of Canada. As a result, depending on the fluctuation of the exchange rate and potential fees that your credit card financial institution may apply for the conversion, payments by credit card may turn to be slightly higher than the actual amount stated on the registration form. For payments by bank transfer please contact Redox Technologies Inc. for details (E-mail: hussain@alekabi.com). Please note that you are required to e-mail to Redox Technologies, Inc. a proof of your bank transfer payment. Participants are also allowed to pay by cash for on-site registration only.

### Meeting Site and Accommodation

**Sustainable Approaches to Remediation of Contaminated Land** will be at the Town & Country Resort, San Diego, California, USA. A block of rooms has been reserved at the Resort at a special group rate for the participants. The rate is **\$145.00US** for single or double beds per night. For reservations, please contact the reservation department of the resort by phone: (619) 294-4681. To obtain this rate, please inform the hotel that you are attending Redox Meetings. Please be advised that this block of rooms is being held at this special rate until **Friday, October 22, 2010**. After this date, we cannot guarantee the availability of rooms or the special rate. Please, book early to avoid disappointment.

#### Dates to Remember

Wednesday, June 30, 2010		Deadline for receiving abstracts
Wednesday, June 30, 2010		Deadline for receiving payments of early registration
Friday, July 30, 2010		Notification of the authors regarding their abstracts
Monday, November 15, 2010	2:00 – 8:00 p.m.	On-site registration
Tuesday, November 16, 2010	8:30 a.m. – 5:30 p.m.	Technical sessions
Wednesday, November 17, 2010	8:30 a.m. – 5:30 p.m.	Technical sessions
Wednesday, November 17, 2010	7:00 – 9:00 p.m.	Banquet Dinner
Thursday, November 18, 2010	8:30 – 4:00pm	Technical Sessions
Thursday, November 18, 2010	4:00pm	Adjourn