CALL FOR ABSTRACTS

SUSTREM 2018 / XI SEMINÁRIO EKOS BRASIL

30-31 of October 2018 Centro de Convenções Rebouças, São Paulo, Brazil
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Contaminated lands and the lack of clean drinking water and sanitation are key environmental concerns in developing regions. Increasing global awareness of these issues encourages emerging-markets to develop sustainable solutions. In developing regions, remediation of contaminated land and the protection of groundwater entails major social challenges, and significant economic and technical obstacles.

Social challenges include: effective identification and strategies for the management and involvement of stakeholders (including affected communities, local and national governments and regulators, private-sector companies and civil society organizations), competition for the use of limited resources such as groundwater or land and public health management, over the course of identifying and implementing solutions.

The International Sustainable Remediation (SustRem) Conference, a first of its kind in Latin America, jointly with the 11th EKOS BRAZIL Seminar (XI Seminário EKOS BRASIL), seeks to address these challenges, providing a benchmark of understanding to practitioners and a call to action to change current social, environmental, and economic conditions associated with contaminated areas.

EKOS BRASIL Institute is pleased to invite you to submit a paper to this innovative discussion and event. Speakers from around the globe representing the private, public and academic sectors are expected to attend. The conference themes will be discussed within four platform sessions: Solutions, Transformation, Trust and Value.
What are the key changes and innovations that have most affected our work and the aspects associated with contaminated areas?

How does effective management of the conference themes generate value?

What is the potential unlocked value associated with the themes?

How important is success or failure?

How do we establish trust amongst all stakeholders?

What innovative and effective approaches have resulted in solutions to challenges associated with the aspects of social performance, groundwater protection, and circular economy?

How important is trust to the work we do and to success or failure?

What more can we do as stakeholders to help solve these challenges?
The 11th EKOS BRAZIL Seminar aims to present a holistic view on important issues related to the remediation and rehabilitation of contaminated areas, including value generation, stakeholder engagement, protection of natural resources, knowledge construction and use of innovative approaches, enabling the participants to have direct contact with the state of the art in terms of managing contaminated areas. The topics that will be covered include:

**SOCIAL ASPECTS**
- **P1_S1**
- **P2_S1**
- **P3_S1**
- **P4_S1**

**GROUNDWATER PROTECTION**
- **P1_S2**
- **P2_S2**
- **P3_S2**
- **P4_S2**

**CIRCULAR ECONOMY**
- **P1_S3**
- **P2_S3**
- **P3_S3**
- **P4_S3**
Sustainable Remediation (SR) emphasizes environmental, social and economic consideration in the restoration of contaminated lands. Practitioners have traditionally focused largely on environmental aspects, though there is increasing focus on the societal and economic challenges. We are interested in experiences other than in the SR field to explore how they could be leveraged.

Social Aspects

What is it?

Sustainable Remediation (SR) emphasizes environmental, social and economic consideration in the restoration of contaminated lands. Practitioners have traditionally focused largely on environmental aspects, though there is increasing focus on the societal and economic challenges. We are interested in experiences other than in the SR field to explore how they could be leveraged.

Problem statement

There is increasing global interest in recognizing and effectively managing the social aspect of sustainable remediation. This is particularly relevant in developing regions, where a preponderance of the world’s population resides and decades of urbanization have now configured developing regions into a delicate juxtaposition of industrial and residential areas. Conversely, expansion projects in remote areas have impacted communities and local authorities previously unaccustomed to larger-scale projects.
The organizers request within this subtheme that abstracts be submitted addressing a minimum of one (if not more) of the below questions. Abstracts can be submitted under any of the four Platform Sessions (Solutions, Trust, Value, Transformation), and must be properly designated (P1_S1, P2_S1, P3_S1, or P4_S1, respectively).

1. What is our current understanding of contaminated areas and the effect on society and public health?

2. What are the social trends that are ever more important to consider in remediation and other environmental business?

3. How important is the concept of perception in managing social aspects of remediation projects and how critical is trust in such projects?

4. In the face of complex, cross-cutting issues such as contamination and remediation, how do local authorities, regulators, private companies, community groups, and broader civil society coordinate actions to minimize conflicts and achieve positive outcomes?

5. How does the right social engagement approach generate value for responsible stakeholders?

6. Social performance is an established practice, what methodologies are currently being used to evaluate, measure, and manage social impacts in the industry and how can these best be applied to remediation?
The protection, preservation, and where necessary, restoration of groundwater resources so that they may be used sustainably to provide for the consumptive needs of society.

Aquifers represent an important reservoir of water for urban centers, where there is a strong demand for water and a higher probability of contaminated areas. User risks occur when the problem is invisible; societal conflicts result when the losses of ecosystem functions and services provided by groundwater are recognized.
The organizers request within this subtheme that abstracts be submitted addressing a minimum of one (if not more) of the below questions. Abstracts can be submitted under any of the four Platform Sessions (Solutions, Trust, Value, Transformation), and must be properly designated (P1_S2, P2_S2, P3_S2, or P4_S2, respectively).

1. What is the current quality of our aquifers in relation to our rivers and other surface water bodies?

2. What opportunities can healthy aquifers represent to the development of society?

3. How can we create value for all parties through the protection and use of groundwater, even if it is contaminated? How can we manage conflicts and build trust between institutions that represent the economic, regulatory and cultural stakeholders involved in the management of contaminated areas and groundwater resources?

4. What solutions have been experienced in the management of aquifers and contaminated areas that have resulted in social and economic benefits?

5. What creative solutions of technological innovation were used to recover water quality, including its reuse, and which resulted in economic benefits and protection of potential receptors using groundwater?
The circular economy framework offers solutions to decouple economic activity from the consumption of finite resources, through an efficient use of extracted resources that would benefit the environment and humanity. Circular economy offers a more resilient framework that extends the use of goods and services by focusing on the 3R framework (Reduce, Reuse and Recycle) and as such may represent an innovative new economic framework through which to address environmental issues.

Unsustainable consumption habits and population growth cause ongoing depletion of natural resources and climate change. It is critical that all stockholders work through a common forum on a transversal framework, circular economy could be a stepping board to create a more integrated and fair system.
The organizers request within this subtheme that abstracts be submitted addressing a minimum of one (if not more) of the below questions. Abstracts can be submitted under any of the four Platform Session (Solutions, Trust, Value, Transformation), and must be properly designated (P1_S3, P2_S3, P3_S3, or P4_S3, respectively).

1. How can circular economy facilitate multi-stakeholder collaboration/negotiation?

2. How can circular economy become a major framework in mitigation of contaminated lands?

3. What linkages can be created between circular economy and sustainable remediation?

4. Can the tenets of circular economy be extended to water reuse as a sustainable solution in Brazil and Latin America for sanitation issues? In urban areas? Rural areas?

5. How can water reuse protect ground water resources?
ABSTRACTS

GUIDELINES FOR SUBMITTING ABSTRACTS

All abstracts must be submitted through the form available on the event page. Abstracts will be selected for inclusion in the preliminary program on the basis of a peer review by a panel of experts. The paper must conform to the following format: Paper Title, Introduction, Objective, Methodology, Results, Conclusion.

Abstracts should be no more than 500 words and must be accompanied by the biographies for all presenters. The abstract has to be submitted in English.

Presentations will be 20 minutes in length with a five-minute question period at the end, then 20 minutes of round table discussion.

The abstracts will be published on the Instituto EKOS BRASIL website and in hard copy for attendants.

Note: One discounted delegate pass (50%) for the conference will be made available for each accepted presentation. Additional presenters will need to register at the full rate.

FINAL PRESENTATIONS

PowerPoint (PPT) presentations must be submitted for review by subject experts. Authors of accepted presentations must revise their PPTs as required by the reviewers. Revised PPTs are to be submitted by e-mail.

The presentations will be made available on the Seminário EKOS BRASIL websites following the Conference: www.seminario.ekosbrasil.org.

OFFICIAL LANGUAGES

Abstracts have to be submitted in English. The presentations can be held in English, Portuguese or Spanish. There will be simultaneous translation into English, Spanish and Portuguese.

SCHEDULE

03rd of June, 2018: Abstract deadline.
13th of July, 2018: Author notification.
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For more information, please visit the Seminario EKOS BRASIL
http://seminario.ekosbrasil.org/