

# PROGRAM 28TH SEPTEMBER

## PLENARY SESSION

8:00 Registration

9:00 **Opening Ceremony**

**Welcome Speeches:**

*Ernesto Moeri (Instituto Ekos Brasil)*

*Rodrigo Cunha (Senac)*

*Elton Gloeden (CETESB)*

*Fernando Figueiredo (ABIQUIM)*

**Introductory Speeches:**

*Eugenio Singer, Sander Eskes, André Rebouças*

10:00 **Technical Session 1: Sustainable Remediation - Case Studies**

**Moderator:** *James Henderson - Dupont*

Heavy Metals Remediation Design: Temporary or Long Term Solutions?

*Lowell Kessel - CERES Corporation*

Sustainable Integrated Demolition and Remediation Project in Argentina

*Olivier Maurer - NICOLE Europa*

Risk Communication in the Execution of an Environmental Recovery Project in a Residential Area with Historical Conflicts of Interest

*Andreia Yoshinari - Geoklock*

Permeable Adsorptive Barrier

*Joyce Cruz - CH2M*

12:00 Lunch

13:30 **Technical Session 2: Innovative Technologies**

**Moderator:** *Amauri Rodrigues Junior - Geoklock*

Field-Scale Implementation of In Situ Bioremediation for Source Zone Treatment of Chlorinated Solvents in Groundwater

*Laurie LaPat-Polasko - Ramboll Environ US*

Industrial Occupation of the São Paulo Metropolitan Region, Geographic Context and Implications to the Applicability and Efficacy of Remediation Techniques by Reductive Dechlorination

*Rodrigo Santini - Arcadis*

Metals Remediation in Groundwater using In-Situ Chemical Precipitation

*Gustavo Dorota Carreiro de Mello - Ramboll Environ Brasil*

Pilot Test Scale for Treatment of Sorbed Phase with Application of Combined Techniques for Desorption, Emulsification and Extraction of TPH

*Cibele Vicino Witier - Ambscience Engenharia Ltda*

15:00 Coffee Break + Poster Session

15:30 **Panel 1: Special Session with Policy Makers in Latin America**

**Moderator:** *Dominique Darmendrail - Common Forum and ICCL*

Panelists:

*Achim Constantin (Relasc);*

*Vilma Morales Quillama (Peruvian Ministry of Environment - Peru);*

*Claribel Gonzalez Roque (Ministerio de Ciencia Tecnología y Medio Ambiente - Cuba);*

*Representative (CETESB - Brasil);*

*Analia Susana Coppola (OPDS - Argentina);*

*Angela Oblasser (Fundacion Chile);*

*Oliver Maurer (CH2M/Nicole - Europa);*

*James Henderson (Dupont/Nicole - Brazil);*

18:00 Cocktail

# PROGRAM 29TH SEPTEMBER

## PLENARY SESSION

8:00 Registration

### 8:30 Technical Session 3: Case Studies

**Moderator:** John Sohl - Columbia Technologies

Remedial Process Optimization as a Sustainable Tool for Long Term Remediation System Operation

*Victor Alves - CH2M*

Comparing a Predictive Numerical Simulation to Field Scale Results at a Combined Remedy In-Situ Thermal Remediation Project in Calgary -Canada

*Brent Winder - McMillan McGee Corp.*

Sustainable Remediation Case Studies

*Fernanda Bertaco Bueno - Secretaria do Verde e Meio Ambiente de São Paulo*

Proposed Solutions for Management of

Technological Risks and Environmental Impacts

Generated by Technological Upgrading of the Chlor Alkali Plant in Cuba

*Lourdes Valdez - Ministerio de Ciencia Tecnología y Medio Ambiente Cuba*

## AUDITORIUM III

### Technical Session 4: Investigation Technologies High Resolution

**Moderator:** Marilda Viana - INCT-EMA POLI USP

The Application of High Resolution Investigation Techniques for a Landfill Characterization

*Marilda Vianna - INCT-EMA POLI USP*

Advances in the Characterization of Contaminated Sites to Meet Site-specific Remedial Objectives in Complex Geologies

*Gary Wealthall - Geosyntec*

High-Resolution Site Characterization (HRSC) in Brazil: Comparing MIP with Combined Tools in a PCE

Source-Zone Architecture Definition

*Marcos Tanaka Riyis - ECD Sondagens Ambientais*

Compound Specific Isotope Analysis for Forensic Evaluation of Contamination Sources and Integration in Conceptual Site Models

*Silvia Mancini - Geosyntec*

10:00 Coffee Break + Poster Session

### 10:30 Technical Session 5: Mining - Site Closure

**Moderator:** Angela Oblasser - Fundacion Chile

Technical and Legal Approach of Environmental Issues, in the Post-Closing Phase of a Transaction

*Mário Machado - Geoklock*

Legal Framework for Contaminated Sites

Management in Peru

*Vilma Morales Quillama - Peruvian Ministry of Environment*

Challenges for the Management of Abandoned Mine

Sites in Selected Countries of Latin-America

*Angela Oblasser - Fundacion Chile*

### Technical Session 6: Investigation Technologies - Real Time Investigation

**Moderator:** Gary Wealthall - Geosyntec

Geoforensic Investigation of Soil and Soil Vapor in Volta Grande IV

*José Carlos Rocha Gouvêa Júnior - CSN*

High Resolution and Real Time Site

Investigation for a DNAPL Source in São Paulo, Brazil

*César Petroni - Arcadis*

Application of Compound Specific Stable Isotope

Analysis (CSIA) to Distinguish Sources of

Contaminants at Industrial Sites

*Kamylla de Fátima Barbosa da Silva - Arcadis*

Definition of a Nonaqueous Phase Source Using an Innovative Evaluation Approach

*Paola Quintero - CH2M*

12:30 Lunch

### 13:30 Technical Session 7: Groundwater Management

**Moderator:** Reginaldo Bertolo - USP

Determination of Contaminant Mass Discharge in Groundwater in a Estuarine Environment

*Paulo Negrão - Unicamp*

Hydraulic Barrier and Physical Barrier Construction Aiming at River Protection

*Victor Vanin - Geoklock*

Jurubatuba: Management of Groundwater Contamination

*Ricardo Hirata - USP*

Economic Valuation of Groundwater Resources Impacted by Contaminant Activities

*Reginaldo Bertolo - USP*

15:30 Coffee Break+ Poster Session

### 16:00 Panel 2: The Limits of Liability for Remediation of Contaminated Sites

**Moderator:** Antonio José L.C. Monteiro - Pinheiro Neto Advogados

Panelists:

*Lina Pimentel Garcia (Mattos Filho)*

*Marise Hosomi Spitzbeck (Demarest)*

*Antonio José L.C. Monteiro (Pinheiro Neto Advogados)*

*Dr. José Eduardo Ismael Lutti (Promotoria de Justiça do Meio Ambiente da Capital)*

17:30 Closing Ceremony