ABSTRACTS RECEIVED
(38 abstracts received as of December 15, 2016)

Represented Countries (9): Argentina, Australia, Brazil, Canada, Chile, Germany, Peru, Switzerland and USA

Classification, Thickening and Filtration

(A20) Tailing Dewatering using Decanter Centrifuge
Tore Hartmann, Pl Chemistry Minerals GEA Westfalia Separator Group, Germany

(A21) Effect of Biopolymer Treatment on Filtration Properties of Mature Fine Tailings
Leonardo de Oliveira, Sarang Gumfekar, and João Soares, University of Alberta, Canada

Conventional, Paste and Filtered Tailings & Others

(A01) Use of Tubular Geoforms Filled With Thickened Tailings to Construct a Dam
Andrea López, Javier Martín and Sergio Barrera, Amec Foster Wheeler, Chile

(A14) Parameters and Conditions to Calculate the Freeboard of TSF
Javier Mendoza, Miguel Huamán, Juan Del Rio and José Sosa, Anddes Asociados, Peru

(A15) Water Balance for a Tailing Storage Facility with Wet Climate
Miguel Huamán, Thalia Ordinola, Patricia Cayotopa and Daniel Pulcha, Anddes Asociados, Peru

(A17) Lessons Learned About Failures of the Mount Polley and the Fundao Tailings Storage Facilities
Sergio Barrera and Hugo Quelopana, Delfing, Chile

Aida Carneiro and Andy Fourie, University of Western Australia

Enhancing Water Recovery

(A02) GeoWaste: Continuous Co-Mingled Tailings for Large Scale Mines
Todd Wisdom, FL Smidth, USA; Mike Jacobs and Andre Gagnon, Goldcorp, Canada

(A03) Synthesis of Amylopectin-Grafted-Polyacrylamide and Its Application in Oil Sands Tailings Treatment
Behnaz Bazoubandi and João Soares, University of Alberta, Canada

(A13) Chitosan-Based Bioflocculant for the Dewatering of Mature Fine Tailings
Leonardo de Oliveira, Sarang Gumfekar and João Soares, University of Alberta, Canada

(A18) Advanced Treatment System for the AMD Desalination
Eddison Leiva, Veolia Water Technologies, Chile; Cristina D’ambrosio, Veolia Water Technologies, Argentina; and Luiz Abrahão, Veolia Water Technologies, Brazil
(A22) Report on Tailings Dewatering with High Performance Disc Filters
Andre Egger and Jurgen Hahn, Bokela, Germany

Geotechnical and Rheological Characterization (2)

(A06) A Suite of Tests for Designing Slurried Tailings Deposition
David Williams, University of Queensland, Australia

(A11) Determination of Post-Liquefaction Resistance of High Thickened Tailings after Evaporative Drying
Tomás Errázuriz and Eduardo Salfate, Golder Associates, Chile

Geotechnical Control and Stability in Confronting Earthquakes (2)

(A10) Approach for the Design of High Thickened Tailings Beach Slopes in Arid and Seismic Regions
Tomás Errázuriz and Eduardo Salfate, Golder Associates, Chile

(A16) Geotextile Tubes for Water Reclamation Technique in TSF’s
Daniel Fernández, Huesker, Brazil; and Roberto Jamett, Ausenco, Chile

Operational Experiences (2)

(A08) Characterizing a Coal Tailings Beach and Behavior of Deposited Tailings
David Williams and Shriful Islam, University of Queensland, Australia; Greg King, New Acland Coal Mine, New Hope Group, Australia

(A12) Laboratory and Industrial Scale Studies of Parameters Affecting Increase of Yield Stress of Iron Ore Tailings
Pablo Espinoza and Juanita Carvajal, Cerro Negro Norte, CAP Minería, Chile; Priscilla Guerra and Mateo Huerta, Universidad de Atacama, Chile

Regulations for Tailings Deposits (Dam Break & Evacuation Manual) (2)

(A07) Analysis of Tailings Dam-Break and Run-Out
Marcelo Llano, David Williams and Marc Ruest, University of Queensland, Australia

(A09) Preserving Mining Industry’s Future “Social License to Operate”
David Williams and Hernan Cifuentes, University of Queensland, Australia; Pamela Chávez, Aguamarina Biominería, Chile

Not Classified (17)

(A23) Intelligent Internal Pipe Coatings for Protection of Steel Pipes in Tailings Lines
Michael Magerstädt, Rosen Group, Switzerland; Hector Suarez and Luis Fernando Giraldo, Rosen Group, Colombia; Tomaz Cruz, Rosen Group, Chile; Stefan Forster and Rainer Altmeppen, Rosen Group, Germany
(A24) The Largest Piston Diaphragm Pump in the World: From the Drawing Board to Operational Experience
Hein Krimpenfort and Ernst Schermann, FELUWA Pumps, Germany; and Brad Ricks, Brass Engineering, USA

(A25) Tailings Distribution Systems Operating with Spigots Discharges: Design and Practical Considerations
Ignacio Bazán, Gonzalo Eriz and Ray Martinson, Paterson & Cooke, Chile; and Felipe Bello, Minera Centinela, Chile

(A26) Downstream-Constructed Tailings Storage Facility Composed of Coarse Tailings and Quarry Materials from Zones of Scarce Precipitation and Absence of Available Quarries
Jaime Carranza, Javier Mendoza and Marsy Sanchez, Anddes Asociados, Peru

(A27) Use of Geomembrane Basal Liners as Seepage Control in Tailings Sand Dams
Julio Tejo, Juan Pablo Alarcón and Gonzalo Jara, Golder Associates, Chile

(A28) Independent Project Review and Governance of Tailings Storage Facilities Considering Recent Failures
Marcelo Mussé and Antonio Navarro, A2B-eng.com, Chile

(A29) Data Acquisition for Geotechnical Analysis in Tailing Design and Survey—Approach using CPT-Technique
Rodrigo Carrasco and Michael Dennhardt, CDM Smith, Germany

(A30) Remediation of the Uranium Mill Tailings Pond Dänkritz 2: Geotechnical Analyses
Alexander Mühl, S. Metzker and Y. Koitzsch, CDM Smith, Germany; U. Barnekow and M. Speer, Wismut, Germany

(A31) Design Improvements during Construction and Operation of Carmen de Andacollo Tailings Dams
Alejandra Neira, Pablo Galdeano and Luis Gonzalez, Amec Foster Wheeler, Chile

(A32) Tailings Planning and the Challenges of Social License to Operate
Miguel Palape, MineBridge Software, Chile; and Carlo Cooper, MineBridge Software, Canada

(A33) Thickening Optimization: Huasco Pellets Plant—Water Recovery System
Lars Martinson, Gonzalo Concha and David Romo, Paterson & Cooke, Chile; and Jose Luis Fernández CAP Minería, Chile

(A34) High Rate Thickener Design Optimization for an Existing Plant
David Benavente, David Romo, Paterson & Cooke, Chile; and Christian Kujawa, Paterson & Cooke, USA

(A35) Defining the Thickening Operating Window
Christian Kujawa and Anastasia Condon, Paterson & Cooke, USA; David Benavente and David Romo, Paterson & Cooke, Chile

(A36) The Effectiveness of Cells in Reducing Evaporative Water Losses in a Tailings Storage Facility
Camilo Gatica, Stuart Hartley and Gonzalo Jara, Golder Associates, Chile

(A37) Determination of a Wear Rate Mathematical Model for Polyethylene Pipes in the Transport of Thickened Copper Tailings
Julio Fernández and Pedro Desriviers, Golder Associates, Chile
(A38) Fine Flotation Tailings Dewatering: Reducing Water Consumption in a Gold Recovery Circuit
Cameron Stockman, CEC Mining Systems, Canada

(A39) The Impact of Modern Tailings Management on Project Development Planning
Scott Elfen, Ausenco, Peru

(A40) Stationary and Numerical simulation of Tailings’ Classifications for Coarse Material Disposal in the Growing Dams
Gustavo Jiménez and Miguel Rosas, Anddes Asociados, Peru

**ABSTRACT DISTRIBUTION**

<table>
<thead>
<tr>
<th>Mining companies</th>
<th>(3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Goldcorp, Canada</td>
<td>(1)</td>
</tr>
<tr>
<td>New Acland Coal Mine, New Hope Group, Australia</td>
<td>(1)</td>
</tr>
<tr>
<td>Cerro Negro Norte, CAP Minería, Chile</td>
<td>(1)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Engineering and consulting companies</th>
<th>(20)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amec Foster Wheeler, Chile</td>
<td>(2)</td>
</tr>
<tr>
<td>Anddes Asociados, Peru</td>
<td>(4)</td>
</tr>
<tr>
<td>Ausenco, Chile</td>
<td></td>
</tr>
<tr>
<td>Ausenco, Peru</td>
<td>(1)</td>
</tr>
<tr>
<td>Delfing, Chile</td>
<td>(1)</td>
</tr>
<tr>
<td>FL Smidth, USA</td>
<td></td>
</tr>
<tr>
<td>Golder Associates, Chile</td>
<td>(5)</td>
</tr>
<tr>
<td>Paterson &amp; Cooke, Chile</td>
<td>(3)</td>
</tr>
<tr>
<td>Paterson &amp; Cooke, USA</td>
<td>(1)</td>
</tr>
<tr>
<td>A2B-eng.com, Chile</td>
<td>(1)</td>
</tr>
<tr>
<td>CDM Smith, Germany</td>
<td>(2)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Supplier companies</th>
<th>(8)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aguamarina Biomineria, Chile</td>
<td></td>
</tr>
<tr>
<td>Huesker, Brazil</td>
<td>(1)</td>
</tr>
<tr>
<td>PI Chemistry Minerals GEA Westfalia Separator Group, Germany</td>
<td>(1)</td>
</tr>
<tr>
<td>Veolia Water Technologies, Chile</td>
<td>(1)</td>
</tr>
<tr>
<td>Bokela, Germany</td>
<td>(1)</td>
</tr>
<tr>
<td>Rosen Group, Switzerland</td>
<td>(1)</td>
</tr>
<tr>
<td>FELUWA Pumps, Germany</td>
<td>(1)</td>
</tr>
<tr>
<td>MineBridge Software, Chile</td>
<td>(1)</td>
</tr>
<tr>
<td>CEC Mining Systems, Canada</td>
<td>(1)</td>
</tr>
<tr>
<td>Veolia Water Technologies, Argentina</td>
<td></td>
</tr>
<tr>
<td>Veolia Water Technologies, Brazil</td>
<td></td>
</tr>
<tr>
<td>Universities and research centers</td>
<td>(7)</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>-----</td>
</tr>
<tr>
<td>University of Alberta, Canada (3)</td>
<td></td>
</tr>
<tr>
<td>Universidad de Atacama, Chile</td>
<td></td>
</tr>
<tr>
<td>University of Queensland, Australia (3)</td>
<td></td>
</tr>
<tr>
<td>University of Western Australia (1)</td>
<td></td>
</tr>
</tbody>
</table>