

# wim2010

## Water in Mining II International Congress on Water Management in the Mining Industry

2 → 4 JUNE 2010. ANTOFAGASTA, CHILE

### FIRST CALL FOR PAPERS

**ABSTRACTS DUE**  
**14 september**

#### PARTICIPANTS

WIM 2010 is organised to provide an international forum where policy makers, engineers, researchers, technology consultants and suppliers may analyse and discuss recent innovations and developments related to the availability, efficient use and sustainable management of water in the mining industry.

#### PROTECTING WATER QUALITY: RECONSTITUTING THE NATURAL WORLD

In a context of growing water scarcity and multi users increasing demand, water has become a key strategic resource for the mining industry which must guarantee its own long term water supply and demonstrate a responsible and sustainable water management. Water plays a central role in virtually all mining activities and is typically the prime medium, together with air, that can carry pollutants into the broader environment. Efficient use of water through the mining and metallurgical processes is still a priority concern for many mining projects but other important challenges have emerged in the last years. Water and energy environmental linking, geochemical modeling for water quality prediction and control, ecological river flows are some of the topics of interest. A global and integrated water management at basin scale should be promoted and lead by the mining industry.

#### OBJECTIVES

The Congress aims to:

- Promote the exchange of knowledge and experience in the identification and characterisation of water resources.
- Discuss emerging technologies and identify best practices of efficient water use in mining and metallurgical processes.
- Analyse criteria for the characterisation and responsible management of mining effluents.
- Promote the exchange of experiences on how to manage water resources in arid areas.

#### ABSTRACT SUBMISSION

Intending authors are invited to submit a 500-word abstract of their paper in English by **14 September 2009** to [wim@wim2010.com](mailto:wim@wim2010.com). The abstract must be in MS Word format, should include a title of no more than 100 characters, author's full name and contact information. If accepted, a full article in English, 4 to 10 pages long, will be required by **7 December 2009**.

#### AREAS OF INTEREST

- Strategic planning: policy and regulatory creative approaches
- Water management in arid areas
- Watershed management
- Natural water resource quantification and management
- Access to water and sustainable development
- New sources
- Groundwater recharge
- Inter-basin supply
- Desalination
- Technology and efficiency
- Integrated mine water management throughout the mine life cycle
- Recycling of water in mining environments
- Effluent characterisation and management
- Mine dewatering.

#### FURTHER INFORMATION

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