

Waterinmining

3rd International Congress on Water Management in the Mining Industry **2012**

6 - 8 June 2012
Santiago, Chile

Water value: an economic, social and environmental vision

In today's world, water is considered a strategic resource of high value. One kind of value is economic value that is related to the costs associated with supply, transport and storage of water. On the other hand, water availability is related directly to mine productivity. The realised value of water resources is the added value it generates by enabling production. Based on this economic viewpoint, water security in mining is a high priority given the price that the mining industry is willing to pay to ensure the value from production that is realised.

However, water also has a social and environmental value that in many cases is deemed a priority over its economic value. It is crucial that the mining industry maintain a balance between these different views of water value as it constitutes one of the bases of the social license required to continue operating. Analysis of these visions of water and its value will be the central theme of this 3rd International Congress on Water Management in the Mining Industry—Water in Mining 2012.

OBJECTIVES

- Discuss the most recent advances and developments related to responsible water use in mining
- Analyse criteria for the responsible and equitable characterisation, identification and control of water resources
- Facilitate a dialogue concerning the use, recuperation and treatment of mine water and residual effluents
- Exchange ideas and knowledge regarding the sustainable use of water resources in arid zones
- Interact with others who are strongly committed to improving water quality and ensuring its availability in mining and metallurgical processes

STEERING COMMITTEE

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ENQUIRIES

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UNTIL 2 APRIL

ATTENTION MINING COMPANY PROFESSIONALS

In order to facilitate the presentation of industrial applications, authors from mining companies may choose to participate with an oral presentation only without the need to submit a full-length article if the final abstract is approved by the Editorial Committee. Oral presentations must be made by an author from the same mining site where the case study was carried out. Professionals who wish to participate in this module must submit their final abstract by 15 March.

TECHNICAL PROGRAMME

The congress technical programme will include both oral and poster presentations. Simultaneous English-Spanish-Portuguese interpretation will be available in all sessions so that presentations may be given in any of the three languages.

More than 100 presentations by authors from 24 countries covering the following

AREAS OF INTEREST

- Hydrographic basin management
- Efficient management at the operational level
- Acid rock drainage
- Water and wastewater treatment
- Desalination and seawater use
- Water accounting
- Social, cultural and environmental value of water
- Costs: rights, transport, supply and use
- Water footprint
- Quality characterisation and control
- Integral water management in the mining life cycle
- Mine dewatering
- Water modelling
- Comparative legislation
- Paste and thickened tailings

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