

A Word from the Secretary General

Dear colleagues and friends,

starting from the next issue your “Mine Water and the Environment” will change its layout. We will leave the camera-ready format and for the first time ever “Mine Water and the Environment” will be completely typeset and layouted by a professional printing house. We hope you like the new layout. Whenever you have an idea how we could improve IMWA or our journal contact either of the IMWA Board members.

Our 10th IMWA congress has a web page now. Please visit <http://www.natur.cuni.cz/imwa2008> if you want to inform yourself about the Czech Republic Congress.

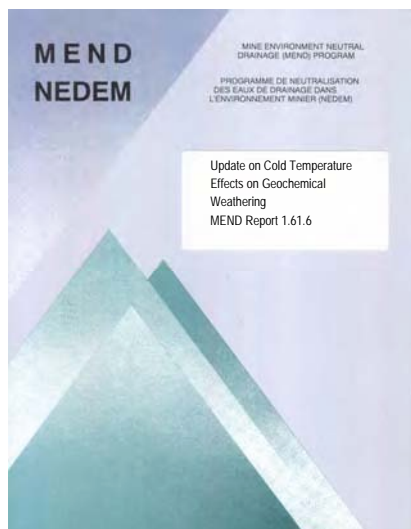
I wish you a nice field season in the northern part of the world and a nice data evaluation period down under!

Glückauf

Chris Wolkersdorfer

MEND Publication

MEND Report 1.61.6 Update on Cold Temperature Effects on Geochemical Weathering (October 2006)



Contractor: SRK Consulting and M e h l i n g Environmental Management Inc.

The report examined geochemical processes expected to occur differently at low temperatures, or were unique to low temperatures. These include: oxidation rates of iron sulphide and other sulphide minerals; activity of different types of bacteria; solubility and reactivity of acid buffering minerals; formation and solubility of secondary minerals; freeze concentration effects; physical exposure of minerals due to freeze-thaw processes; and solubility of oxygen in waters used to flood reactive wastes. A compilation of fourteen case studies, along with a literature survey, form the basis of the findings. Progress has been made on understanding

several of the mechanisms; however, much of the data was limited and site specific. Main technology gaps were identified, along with opportunities to harness low temperature conditions to limit acidic drainage. Report available in hard copy for \$35.00 Cdn. (plus applicable taxes). Contact: MEND Secretariat CAN-MET – Mining and Mineral Sciences Laboratories; 555 Booth Street; Ottawa, Ontario K1A 0G1; E-mail: mend_nedem@nrcan.gc.ca

MEND

INAP: Addressing a Global Need

Acid drainage (AD) is one of the most serious and potentially enduring environmental problems of the mining industry. The high liability costs carried by many mining companies to cover current liabilities are a clear indication of the gravity of the problem. Unchecked, AD can result in such extensive water quality impacts that it could well be this industry's most harmful legacy. Effectively preventing acid drainage is a formidable challenge for which no guaranteed solutions currently exist.

The International Network for Acid Prevention (INAP) is an industry-led group created to help meet this challenge. INAP fills the need for an international body to mobilize information, experience and resources to prevent AD. The network was created in 1998 to coordinate and facilitate global research on the management of sulphide mine wastes and the prevention of acid drainage. Since then, INAP has become a proactive, global leader in this field. In fact, the Mining, Minerals and Sustainable Development (MMSD) project identified INAP as the broadest-based initiative aimed at preventing and controlling acid drainage.

INAP members are part of a global network that helps focus the industry efforts in acid-drainage prevention. INAP welcomes all mining companies interested in working co-operatively to address AD issues. Current Member companies include:

Anglo American; Barrick Gold Corp; BHP Billiton Ltd; INCO/CVRD; Newmont Mining Corp; Phelps Dodge Corp; Rio Tinto Ltd; Xstrata

For more information visit the web site: www.inap.com.au or contact the INAP Technical Manager, Terrence Chatwin; terrence.chatwin@inap.com.au +1 801 243 5759, Utah, USA; OR the Operating Committee Chair, Denis Kemp; DKemp@xstrata.ca

INAP

New Members

We welcome our following new members:

Agustin Alvarez, Santiago, Chile
Partha Bhattacharya, New Delhi, India
William Black, Burnaby, Canada
Philippe Boileau, Montreal, Canada
Juliann Campbell, Durango, USA
Kenneth Campbell, Calgary, Canada
Michele Coleman, Minto, Canada
Martin Draeger, Waterloo, Canada
Massimo Gasparon, St Lucia, Australia
Daniel Gomes, Sacramento, USA
Nilson Guiguer, Rio de Janeiro, Brazil
Rolf Herrmann, Abu Dhabi, United Arab Emirates
David Jackson, Cleveland, Australia
Tom Jageman, South Park, USA
Sang Woo Ji, Daejeon, Korea, Republic of
Scott McGarvie, Evansville, USA
M A Caraballo Monge, Huelva, Spain
Dominique Pajot, La Defense, France
Dejan Pantovic, Belgrade, Yugoslavia
Andrew Pearson, Solihull, United Kingdom
Paul Peppers, Caddo Gap, USA
Claude Roulet, Houston, USA
William Schafer, Bozeman, USA
Philip L. Verplanck, Denver, USA
Christine Vornehm, Augsburg, Germany
Gil-Jae Yim, Daejeon, Korea, Republic of

We hope that our new colleagues will benefit from and contribute to the extensive mine water knowledge and expertise gathered within our group of international experts. Please use your membership number in any correspondence, especially money transfers with IMWA. You can find it easily on your journal's address label, in front of the word "GES".

Adrian Brown, Treasurer, Denver, Colorado, USA
Chris Wolkersdorfer, Secretary General, Munich, Germany

Back Issues

An overview of European mine water was provided over three issues in 2005. We received many requests for those three issues and therefore decided to put together those country studies in one electronic article. You can download it from IMWA's home page or use the following Digital Object Identifier: <http://dx.doi.org/10.1007/s10230-005-0081-3>.

Members who recently joined IMWA can find a complete index (issues 1–25) of the *International Mine Water Association Journal* and *Mine Water and the Environment* at our web-page www.IMWA.info. Volumes 17(1), 18(1), 19(2), 20(1) and 21(1) as well as proceedings of the 7th and 8th IMWA Congresses are

still available for \$ 15.00 (U.S.) a copy. Some other back-issues are available on request – copies of single pages at \$ 0.60 (U.S.) each. Please add \$ 5.00 (U.S.) for shipping/handling. You can also access the journal on line, using <http://springerlink.com>

Past IMWA issues, published before the year 2000, can be accessed with your private login and password that you received with your last membership status or by e-mail.

Chris Wolkersdorfer, Munich, Germany

Forthcoming Events

June 2nd – 6th 2007, Gillette, Wyoming, USA

24th Annual Meeting of the American Society of Mining and Reclamation;
<http://ces.ca.uky.edu/asmr/>

June 12th – 13th 2007, Perth, Australia

Mine Water Management Seminar
www.acg.uwa.edu.au

June 14th – 15th 2007, Perth, Australia

Planning for Mine Closure
www.acg.uwa.edu.au

December 11th – 13th 2007, Bangkok, Thailand

SWEMP 2007 – 9th International Symposium on Environmental Issues and Waste Management in Energy and Mineral Production

Deadline for receipt of abstracts (maximum 1 page) is 15 April 2007.

<http://www.mpes-cami-swemp.com/intro.html>

May 6th – 8th 2008, Nancy, France

Post Mining 2008
PostMining2008@IMWA.info

June 1st – 5th 2008, Carlsbad, Czech Republic

10th IMWA Congress
www.IMWA.info; imwa2008@IMWA.info

September 2011, Aachen, Germany

11th IMWA Congress
www.IMWA.info; imwa2011@IMWA.info