



The International Network for Acid Prevention

An organization of international mining companies that seeks the prevention of acid rock drainage (ARD) and metal leaching in support of responsible mineral development.

1. SUMMARY

Welcome to the first issue of 2017. INAP is pleased to announce that Teck Resources Limited has officially committed to rejoin INAP. An excellent start to the year as membership is critical to the success of INAP.

INAP's main objective in 2017 is to complete a review of the GARD Guide that will identify the chapters that need to be updated; the revision will be completed in 2018. The Global Cover Design Guidance Document will be available shortly and this document will complement the covers section of the GARD Guide. In addition, INAP Webinars on the GARD and Covers Guide are being planned.

The May 1st deadline for submissions to INAP's International ARD Best Practice Award is fast approaching and we are looking forward to receiving some excellent examples from around the world.

In this issue, you will find brief articles on a successful trip by the Technical Manager to Australia to meet with INAP and network companies; INAP's and ADTI's participation in the SME 2017; and several events to add to your calendar.

Technology transfer is an important element of collaborative partnerships, especially with partners scattered throughout the globe. These newsletters are a great way to enhance communications - and more are on their way. Comments and suggestions are welcomed.

Happy reading!

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2. Teck Resources Limited re-joins INAP

INAP is happy to announce that Teck Resources Limited has re-joined INAP.

The INAP Operating Committee and Board welcomes the expertise that Teck brings to INAP and looks forward to working together on acid and neutral mine drainage. Teck will be represented on the INAP Board by Michael Davies, Vice President of Environment and on the Operations Committee by Troy Jones, Director, Water.

3. International ARD Best Practice Award

The International Network for Acid Prevention (INAP) is sponsoring an international award for the implementation of best practice in the identification, planning and management of potentially reactive geologic materials at a mining site. The award will be presented at the 11th International Conference on Acid Rock Drainage to be held in South Africa in September 2018. Applicants are not required to be members of INAP.

Formal applications should be submitted to INAP at gilles.tremblay@inap.com.au no later than 1 May 2017. Questions concerning application requirements should be directed to Dean Williams at dwilltahoe@gmail.com. More information can be found at the www.inap.com.au.

4. GARD Guide Update Planned for 2018

The overall objective of the GARD Guide is to collate and facilitate worldwide best practice in prediction, prevention, and mitigation of ARD. It is a reference document for stakeholders involved in sulphide mineral oxidation and related waste management issues and requires periodic updates. An update on four chapters of the GARD Guide was completed in 2012.

In 2017, INAP is planning a chapter-by-chapter review of the GARD Guide. Technical experts will be invited to identify which chapters need to be updated. This work is planned for 2018. INAP is seeking volunteers to review individual chapters. If interested in reviewing any chapter(s), please contact Gilles at gilles.tremblay@inap.com.au.

5. 9th AMD Workshop and 11th ICARD/IMWA 2018



The 9th **Australian Workshop on Acid and Metalliferous Drainage** “Leading edge practice across resource cycles” will be held November 19-23, 2017 in Burnie, Tasmania.

The workshop will be hosted by the Sustainable Mineral Institute (SMI) at the University of Queensland. SMI is the Australian partner in INAP’s Global Alliance.

More information is available from the SMI website at <http://smi.uq.edu.au/smi-amd-2017>



The **Eleventh International Conference on Acid Rock Drainage (11th ICARD)** and the **2018 International Mine Water Association (IMWA) Conference** will be held September 10-14, 2018 in Pretoria, South Africa at the CSIR International Convention Centre.

It will be hosted by the Tshwane University of Technology, the Water Institute of South Africa, the South African Water Research Commission and the Council of Geoscience with support from IMWA and INAP.

Requests for abstracts will be sent out in April and more information is available from the following websites: www.ICARD2018.org and www.IMWA2018.info.

6. INAP and ADTI-MMS well represented at SME 2017 in Denver

The 2017 SME Conference was held in Denver in February, and more than 6200 delegates attended. Of special interest were two environmental themed sessions. Cynthia Parnow (Newmont) and Gilles Tremblay (INAP) co-chaired the session “INAP Presents Innovation in Closure Covers” which included the INAP funded Global Cover System Design Technical Guidance Document. The ADTI-MMS session was co-chaired by David Williams (BLM) and Charles Bucknam and was titled “Environmental Technologies for Managing Mining Influenced Water in Historic Mine Pools”. There was also a session dedicated to tailings storage facilities and associated risks. Discussions focussed on the issues that the industry faces with respect to tailings and the environment; and a panel debated the merits of the various disposal approaches.

The possibility of hosting the ICARD 2021 was discussed with representatives of the AIMMGM (the Mexican equivalent of SME). They were excited with the opportunity to bid, and suggested two interesting venues, Guanajuato and Zacatecas, where the event could be held if they are selected. Also at SME, the ADTI-MMS group, held the annual face-to-face meeting.

7. INAP Technical Manager travels to Australia

At the invitation of the Cooperative Research Centre for Contamination Assessment and Remediation of the Environment (CRC-CARE), Gilles Tremblay travelled to Australia in December to participate in the International Summit on Derelict Mines. He presented on the findings of the Canadian National Orphaned/Abandoned Mines Initiative (NOAMI), and provided details on the latest NOAMI project on relinquishment / return of mine lands to the Crown, which generated a lot of interest. About 100 delegates attended the two-day event which included a high number of government participants. International presentations on how derelict mines were managed were given by several countries and five of the six Australian states. The presentations are available on the CRC-CARE website.

Following the summit in Singleton, NSW, Bruce Kelley, Regional Lead for Australia, and Gilles met with the Sustainable Mining Institute (SMI) at the University of Queensland in Brisbane. SMI is INAP's new Global Alliance member for Australia and possibly South America via their International Centre of Excellence in Santiago. Meetings with INAP member companies and a broader INAP network followed in Perth and Melbourne.

Australia is a major player in the ARD world. During the visit, a cross section of the ARD activities that are underway nationally within this country were highlighted. It was also a great opportunity for the new Technical Manager to meet INAP members and to get a better understanding of some of the excellent work being carried out in Australia by various research organizations.

8. A Big MEND Thank You to Gilles

At the BC-MEND workshop in December, a special presentation was held to thank Gilles for his many years of dedicated work as manager of the MEND program. To mark the occasion, the MEND Steering Committee presented Gilles with a print by Bob Michelutti (<http://micheluttidesigns.ca>) and a card signed by many of his friends present at the event.

9. Up-Coming Events

Don't miss the following upcoming events:

- **IMWA 2017 Conference**
June 25 – 30 2017. Lappeenranta, Finland
- **41st British Columbia Mine Reclamation Symposium**
September 18-21, 2017, Williams Lake, BC, Canada
- **Tailings and Mine Waste '17**
November 5-8, 2017, Banff, Alberta, Canada
- **Enviromine-Srmining 2017**
November 8-10, 2017, Santiago, Chile
- **Australian AMD Workshop 2017**
November 19-23, 2017. Burnie, Tasmania
- **24th Annual BC/MEND Workshop**
November 29-30, 2017. Vancouver, BC, Canada
- **11th ICARD/IMWA 2018**
September 10-14, 2018. Pretoria (Johannesburg), South Africa

Please let us know of other events not listed that would be of interest to INAP and GA members.

INAP MEMBERS

		
		
		



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