



The International Network for Acid Prevention

An organization of international mining companies dedicated to a reduction in the liability associated with sulphidic mine materials

October 2002

SPECIAL ISSUE NEWSLETTER www.inap.com.au

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This newsletter is published by the INAP Operating Committee (OpCom) and is available via the INAP web site <http://www.inap.com.au>, INAP's primary communication medium.

1. Changes in INAP Organisation

INAP is pleased to announce several changes in the INAP structure, which include the addition of 2 core employees who will provide a consistent administrative and managerial INAP presence. Anne-Marie Fleury was appointed as Technical Manager in September 2002. Her role will be to support OpCom in the identification of external research providers, to facilitate the development of research scopes and budgets, to manage individual research projects, to produce publication material, and to be secretary to OpCom meetings. Franca Tomaras was appointed in June 2002. Her role as Administrator is to manage the INAP web site, maintain member records, issue passwords, assist in arranging Board, AGM OpCom meetings, dissemination of information, and the management of accounting operations.

Anne-Marie is a chemical engineer by training from Québec, Canada. Her most recent experience was as Research Fellow for the Mining, Minerals and Sustainable Development (MMSD) Project. She is based in Santiago, Chile with the OpCom Chair and can be contacted at her interim email address; amfleury@hotmail.com.

Franca Tomaras was most recently Personal Assistant to Robin Batterham – Chief Scientist of Australia and Chief Technologist of Rio Tinto Limited. She is based in Melbourne and is working on INAP business 2 to 3 days per week. Prior to that, Franca worked in computer training in the corporate and education sector.

In addition, the INAP Operating Committee has undergone several changes since the last newsletter. Ross Gallinger of BHP-Billiton has assumed the position of Chair of the OpCom. Other members are Bruce Kelley – Rio Tinto, Les Hulett - Inco, Mandy Agnew - Rio Tinto consultant, Mark Tieszen - Barrick, Mike Aziz – Placer Dome, Nick Currey – Placer Dome, Peter Waters – BHP-Billiton, Robert Prairie – Noranda, Luc St Arnaud – Noranda, and Steve Slater – Rio Tinto.

*Please send all requests for further information to Franca Tomaras at:
Franca.Tomaras@riotinto.com*

2. Regional Organisations

INAP has been pursuing the possibility of engaging with regional organisations involved in acid drainage issues. Many well-respected groups dealing with acid drainage exist in different countries around the world. As an international organisation, INAP can provide high-level support and the “global glue” that links regional activities, coordinates information flow, and identifies broad research needs. This can bring additional resources to regional initiatives and help minimise acid drainage research duplication. Regional organisations provide an important regional focus and a critical mass of activity in the countries in which they operate. They can bring regional insight and help broaden the INAP network. A partnership between INAP and regional organisations could lead the way for a truly global network in this important area of environmental management.

Discussions were held to foster a formal relationship with key Regional Organisations in Vancouver April 2002, and again in September via teleconference. These groups included;

- ◆ The Mine Environmental Neutral Drainage Programme in Canada (**MEND/NEDEM**)
<http://mend2000.nrcan.gc.ca/>
- ◆ The Acid Drainage Technology Initiative – Metal Mining Sector (**ADTI**) in the USA
<http://www.unr.edu/mines/adti/>
- ◆ The coal division of ADTI with the National Mine Land Reclamation Center (NMLRC) at the University of West Virginia
<http://www.nrcce.wvu.edu/nmlrc/nmlrchometext.htm>

- ◆ The Australian Centre for Mining Environmental Research (**ACMER**)
<http://www.acmer.com.au/>

All parties were keen to develop a close working relationship. An agreement on the respective roles of the regional organisations and INAP was outlined as follows.

The regional organisations will provide:

- ◆ Co-ordination and management of selected research projects in co-operation with INAP.
- ◆ Regional level interaction and networking with their constituencies including governments, industry, research groups, non-governmental organisations, etc.
- ◆ The ability to plan, organise and manage workshops held in their respective regions.
- ◆ The ability to take an active role in technology transfer through publications, short courses, etc.
- ◆ Insight into regionally driven research needs within their respective constituencies.

INAP will provide:

- ◆ A global perspective, linking information from different regions.
- ◆ The potential to raise the profile of regional groups, which may not be well known in other parts of the world.
- ◆ Access to a network of a number of major mining companies and insight into company-driven research needs.
- ◆ The ability to open up and fund new areas of research.
- ◆ Funding for workshops and potential attendees, etc.
- ◆ The potential to exert peer pressure on other companies, operating in a particular region, to be more active.

INAP and the associated Regional Organisations are also looking to engage with other regional groups dealing with acid drainage, particularly in Europe, and Africa, and also in South America. Possibilities are being explored through existing regional networks and will be discussed at the upcoming INAP OpCom and associated Regional Organisations meetings.

A briefing paper will be made available on the website describing INAP's relationship with regional organisations.

Please contact Bruce Kelley from Rio Tinto for more information with regard to this initiative (Bruce.Kelley@riotinto.com).

3. Upcoming Meetings

Meetings scheduled to date are as follows:

- ◆ INAP OpCom and associated Regional Organisations
November 13/14 **Newcastle**, Australia
Coupled with the Minerals Council of Australia Sustainable Development Conference <http://www.minerals.org.au/defaultx.htm>
- ◆ INAP Board Meeting
November 15 **Newcastle**, Australia
- ◆ INAP OpCom and associated Regional Organisations
December 5/6 **Vancouver** Canada
Coupled with the 9th Annual British Columbia ML/ARD Workshop
http://mend2000.nrcan.gc.ca/events/events_home.htm
- ◆ Heap Leach Workshop, INAP OpCom and associated Regional Organisations
March 25/27, **Elko**, Nevada, USA (date to be confirmed)
- ◆ INAP OpCom and associated Regional Organisations
July 12/18 **Cairns**, Australia (date to be confirmed)
Coupled with the 6th International Conference on Acid Rock Drainage (ICARD)
<http://www.ausimm.com/icard/html/welcome.asp>

4. Website

INAP is currently looking into improving the website, particularly with respect to making it more user-friendly. We hope to implement changes before the end of the year 2002.

New documents posted on website in September and October 2002 include:

From the Oct 2001 ARD Prediction Workshop

- ◆ *Summary Report OCT 2001 ARD Prediction Workshop*

From the 15-16 Jan 2001 Water Treatment Workshop

- ◆ *Biological sulfate reduction at Kennecott Utah Copper*
- ◆ *Crandon project*
- ◆ *Environment at Raglan*
- ◆ *High density sludge plants startup and operations*
- ◆ *Lime treatment - the standard in the industry*

More documents from the workshop will be added

From the Passivation of acid drainage using permanganate project with the University of Reno

- ◆ *Passivation project Progress Summary 24 April 2002*
- ◆ *Passivation-update*

From the Sulphate Reduction Treatment Project with Lorax

- ◆ *Lorax Proposal Sulphate Reduction Review*

From the Rum Jungle Cover Project with ACMER

- ◆ *Rum Jungle Proposal*

From the Scale-up Review Phase Project with ANSTO

- ◆ *Scale-Up Phase0 Final Report*

From the Long-term Performance of Dry Covers Project with O'Kane Consultants

- ◆ *Long-Term Cover Performance Phase 1 Report & Appendix A, Appendix B & C to follow*

Proposal for the Waste Rock Model Benchmarking Project with the University of Newcastle

5. Next Newsletter

The next newsletter will be prepared following the December Vancouver meeting.