



Mine Subsidence Technological Society

Newsletter



Engineers
Australia

June 2003

Chairman's Note

Welcome to the first edition of the MSTS newsletter. As incoming Chairman I would like to express my appreciation of the efforts of all those who have contributed to developing the Society to where it is today. The new Committee is preparing a Business Plan to establish the development of the MSTS over the next 3 years. Issues being considered include, services to members, membership levels, technological information and conferences, and electronic business. This newsletter, improvements to our website and a technical presentation on 23rd June, are some of the initiatives already underway.

The MSTS provides an important forum, not only for those practising in the geotechnical field, but all involved with mine subsidence issues. Your support and feedback is necessary if the MSTS is to consolidate and strengthen as an organisation. The Committee would be pleased to receive any suggestions you have regarding future directions of the Society.

Greg Cole-Clark

Chairman

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You're Invited!

APPLYING RISK PRINCIPLES TO THE MANAGEMENT OF MINING SUBSIDENCE

23 June 2003 at Newcastle

See inside for details

Help! Newsletter Editor Needed

The Society needs a volunteer who is prepared to take over as Editor for the Newsletter.

The editor is responsible for producing two or three newsletters a year.

There are some standard items that are common to every Newsletter and simply require updating.

Details of technical sessions, and feature and news items are supplied by Board and/or Society members. The MSTS Secretary does layout and distribution of the Newsletter.

Please contact the Society's Secretary Peter Reid (secretary@mstsociety.org) if you are prepared to undertake this role.

What do you want for the
MSTS?

***Promoting discussion
remains a fundamental aim of
the Society...***

***...the Society should have a
strong Internet presence...***

We want to know what you want from the MSTS. Here are some thoughts to get you started (*but don't restrict yourself to what the Board thinks!*)

Promoting discussion remains a fundamental aim of the Society. The two traditional strategies (the triennial conference and technical sessions) will remain, the latter being spread as much as possible across the regions where members reside. These may be augmented by Internet based strategies (emailed discussions, web discussion-boards, net-meeting type discussions, etc).

Promoting research is another basic aim. Some thoughts to achieve this:

- Organising academic prizes or scholarships
- Defining, generating awareness of, and focusing on areas that need research
- Facilitating the exchange of relevant data and promoting discussion on particular areas

The Board believes the Society should have a **strong Internet presence** that delivers tangible benefits to members. Some of the outcomes of this are [a new website](#) which includes copies of papers from the 2001 conference available to members only, and an e-mail newsletter. In future more information will be put onto the web, perhaps including:

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- Copies of all previous conference papers
- useful links
- discussion lists or newsgroups
- calendar of events
- a basic primer on mine subsidence
- some real subsidence data
- content (PowerPoint presentation? Plus audio? Plus video?) from MSTS technical sessions or conference presentations
- contact details of members with particular interests, or with particular skills for sale

The Board also wants to **promote links with like-minded organisations** to benefit from the efficiencies and synergies that can come through these relationships. Some target organisations might be

- The AusIMM or particular AusIMM branches
- Aust Geomechanics Society
- Eastern Australian Ground Control Group
- Universities
- Corporations

We need your Input

Have your Say!

<mailto:directions@mstsociety.org>

Technical Sessions – 2003

Dr Gang Li, Cpmin, Principal Subsidence Engineer, Dept of Mineral Resources is making a presentation at the next Mine Subsidence Technological Society Technical Session.

This presentation discusses an approach to the development of such a risk-based subsidence management plan or strategy. In addition to the common elements of a risk management system, a number of issues more specific to the management of subsidence impact will be highlighted.

Light refreshments will be supplied by the Society.

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Details of the Technical Session are

Title: **APPLYING RISK PRINCIPLES TO THE MANAGEMENT OF MINING SUBSIDENCE**

Time: 5 .30 pm for 6.00pm

Location: IEAust Newcastle Division Office
Parry Street, Newcastle

Dr Gang Li, Cpmin has provided the following abstract for his presentation:-

One of the significant challenges faced by the underground coal mining industry today is the competing demands for maximum resource recovery and minimum subsidence impact on safety, the community and people, the environment and land use. There is an inherent potential for incidents/accidents to occur due to the complexities of the system and variabilities of the environment where mining takes place. A risk-based management plan can provide a framework within which the complex situation can be systematically managed.

MSTS Board Members 2003			
The office bearers and members of the Board of the Mine Subsidence Technological Society for 2003 are:--			
<i>Chairman</i>	Greg Cole-Clark	Mine Subsidence Board	chairman@mstsociety.org
<i>Secretary</i>	Peter Reid	Dam Safety Committee	secretary@mstsociety.org
<i>Treasurer</i>	Arthur Waddington	Waddington Kay & Associates	treasurer@mstsociety.org
<i>Immediate Past Chairman</i>	Graham Holt	G E Holt and Associates	
Members			
Ian Forster	Connell Wagner		
Gang Li	Dept. of Mineral Resources		
Graham Hanson	Retired		
Don Kay	Waddington Kay & Associates		
Ken Mills	Strata Control Technology Aust		

Newcastle Subsidence Technology Prize

Entries for the 2004 prize will close on the 9th February, 2004.

The prize for an amount of \$500 is offered under similar conditions to other years.

Candidates for the prize must be bona fide tertiary students from an Australian institution who have made an essential contribution to mine subsidence technology.

Members are requested to encourage any of their colleagues who may be involved in research projects that would satisfy the conditions of the prize, to consider submitting an entry.

The prize is funded by the Newcastle Division of the Institution of Engineers from the proceeds of the 1988 Conference that was underwritten by the Division, prior to the formation of the Society.

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Subscriptions

Subscriptions for 2004 will be due on 1st July 2003, and remain unchanged at:

- Member \$44.00
- Student \$11.00
- Retired \$11.00
- Unemployed \$11.00

News Features

Many web pages dealing with subsidence related issues that they have found useful or of interest should forward them to the Secretary for inclusion on the Mine Subsidence Technological Society web page.

Enquiries, Orders, Suggestions

Any enquiries, orders, suggestions, etc. regarding any items raised in the newsletter or matters relating to the Society should be directed to one of the Board members, or to the Board via Sally at the Newcastle Division office of the Institution of Engineers, Australia on

Phone: (02) 4926 4440

Email newc@eol.ieaust.org.au

Articles comments etc for the newsletter can be forwarded the Editor:

editor@mstsociety.org

Prize for Geotech. Design

The Mine Subsidence Technological Society Prize in Geotechnical Design, is offered by the Society to final year students at the Department of Civil, Surveying and Environmental Engineering at the University of Newcastle.

The prize, for an amount of \$500, is awarded annually, and the conditions of the award of the prize are:

- a) The prize is awarded annually to the student undertaking a bachelor's degree course program in the Department of Civil, Surveying and Environmental Engineering with the best overall performance, if of sufficient merit, in the Geotechnical Design component of the subject "Civil Engineering Design 2".
- b) The prize is awarded on the recommendation of the Head, Department of Civil, Surveying and Environmental Engineering.

Newsletter

In the past the MSTS has issued Newsletters to members on a somewhat irregular basis, especially in recent years. Typically the Newsletter has been issued in a hardcopy format, requiring secretarial help to prepare final drafts, distribution etc.

The Board now plans to use E-mail to distribute future Newsletters, and to feature them on the MSTS web page.

The Society has a record of members E-mail addresses that has been obtained either from the Institution of Engineers records or personally from the member.

Please ensure that the Society is kept informed of any change to your E-mail address, as we do not want to lose contact with our members.

Members, who have not provided an email address to the Society, will be provided with a paper copy of this, the first newsletter for 2003. Except in extraordinary circumstances, future Newsletters will be distributed by email only.

Visit the MSTS Web

Page at

<http://www.mstsociety.org>

Give us your ideas on any additional features that you feel would make the page more useful to you.

Have your Say!

directions@mstsociety.org

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