



Australia's Representative
International Cartographic Association

MSI- *Connected!*

Newsletter of the Mapping Sciences Institute, Australia

JANUARY/FEBRUARY 2014 EDITION

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DON PEARCE, PRESIDENT

PRESIDENT'S REPORT

We are already one month into the New Year of 2014. Anything we didn't do in 2013 is now history and maybe it wasn't as important as we thought it was. Two events stand out for me in 2013 in our World of Cartography. The first being the three part documentary shown on the ABC TV, Mapping Our World. If you didn't see it, the ABC has it on DVD for \$20. The program shows the great contribution made by cartographers throughout the ages in the development of countries and the trials of wars.

The second event was the hosting at the National Library in Canberra of the International Map Exhibition, "Mapping Our World: terra incognita to Australia". The Exhibition features maps never before seen in the Southern Hemisphere and again demonstrates the great contribution that cartographers have made to our world. The sad part about it is that our own members and the environments in which they work do not recognise or appreciate the extent to which cartography has dominated the development of the world. Even the use of the word cartography has diminished in favour of catch phrases that describe techniques and not the real subject of cartography.

I would like to see us build on these two significant events and make it the year to re-establish "Cartography" as our professional name and use it at all times. We also need some members with passion and commitment to help drive us forward to bring us up to the status and profile that we enjoyed in previous years. It is a challenge that has rewards and benefits as we see in other areas where young people are taking the lead.

We have been asked to join with other Societies in planning joint conferences including the ICA Conference for 2019. It is now 30 years since the highly successful ICA Conference was held in Perth. Perhaps we might be able to do it again.

Don Pearce
President, MSIA
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INTERNATIONAL CARTOGRAPHIC CONFERENCE 2013 CONTRIBUTORS

MSIA delivered Certificates of Appreciation to map and mapping product International Cartographic Conference (ICC) 2013 contributors in late 2013. Thank you to the contributors for sending in their photos.

There are plenty of opportunities in the future for members to submit entries, so stay tuned. If you have a new or revised mapping product and you would like to promote it to members, contact the Editor by email on adam.ladhams@hotmail.com

Photograph descriptions

Top left:

Craig Molyneux (Senior Cartographer)
Spatial Vision
ICA plaque, MSIA Certificate & Jacaranda shown

Top right:

Renate Rank (Cartographer) & Louise Maggs (Director)
Cartoscope Pty Ltd
Geotourism Map. Geological Sites of NSW in foreground

Middle left:

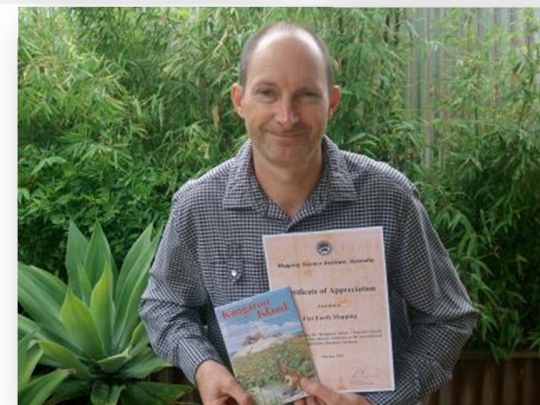
Phil Carter (Senior Cartographer) & Dr Gary Colquhoun
(Senior Geoscientist) at the Geological Survey NSW
1:1 500 000 Metallogenic Map of NSW.in foreground

Middle right:

Bruce McGurty (Chief Cartographer)
Hardie Grant Explore - Guides & Atlases
Explore Australia's National Parks publication (not shown)

Bottom:

John Frith (Cartographer)
flat EARTH mapping
Folded Kangaroo Island souvenir tourist map and guide shown





ARTWORK BY DAVID FRASER

THE CHANGE

Although it is almost twenty years since the name of the Australian Institute of Cartographers was changed to Mapping Sciences Institute, Australia, there is still occasional argument as to the wisdom of this action. This is despite the fact that the change was not made on a casual whim, but was introduced only after about seven years' debate by the Council and consultation with the members, and at all stages due process was followed.

The history of the Institute is well documented. The period from its inception in 1952 to 1988 is covered by John McCarthy's "Map Makers of Australia," and a summary of events which impacted on the operation of the Institute from 1988 to 2012, named "Cartography

in Retreat", was compiled by Keith Smith, endorsed by Council, and is posted on the Institute's website under the Heritage tab.

The circumstances surrounding the name-change are contained in "Cartography in Retreat" and relevant extracts are quoted here:

"CARTOGRAPHY IN RETREAT"

THOSE WERE THE DAYS

The trouble began at the very point where the late **John McCarthy** ended his account of the formation and development of the Australian Institute of Cartographers. John was a photogrammetrist and an enthusiastic participant in the management of the AIC and, in 1988, published his excellent book, called Map Makers of Australia. The book covered the period from 1952, when AIC was incorporated in Melbourne, until the holding of the Seventh Cartographic Conference in Sydney in 1988. During this period mapping was very much in the ascendency in Australia and the book presented a picture of a robust AIC whose days, it seemed, would never end. To the more discerning observers however, change was in the air.

One aspect of change was apparent at the Sydney Conference. Here papers were presented concerning conventional cartography and the emerging computer-

*Have your say
about this article
– see page 4 for
more details*

Article continued on next page...

Following on from page 3...

assisted version, and in the map exhibition area, excellent paper-maps were on display. It was obvious, however, that the real interest in the auditorium was on presentations dealing with geographic information systems, and in the exhibition pavilion, most interest was focussed on computer screens displaying examples of this technology.

Realising the threat that this posed for the AIC, which had already been gaining a reputation in some quarters as a club for ancient draftsmen, National President, **Keith Smith**, and President-elect, **Ron Furness**, recommended to Council that consideration be given to changing the name of the Institute to Institute of Geographic Information Technologists with the objective of attracting a different type of member – young graduates. The proposal was rejected by Council

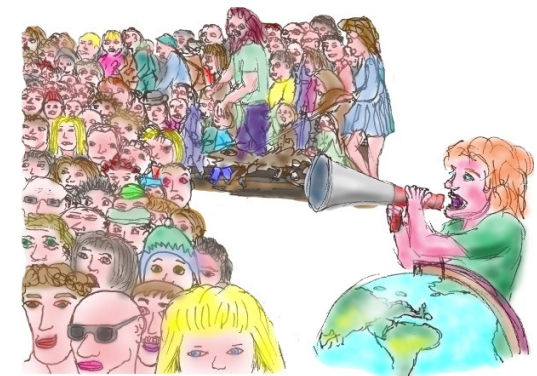
BY ANY OTHER NAME

Several councillors had persisted with the proposal to change the name of the Institute and had settled on the compromise: Mapping Sciences Institute, Australia. In April, 1994, Council appointed a panel under the Management Program to 'formulate procedures aimed at changing the name of the Institute to Mapping Sciences Institute, Australia, and recommend changes to the

management structure... etc.' The outcome was that an Extraordinary General Meeting was held at the Gold Coast on 8 September, 1994, 'to consider and if thought to be appropriate to pass the following Resolutions: (the first of these dealt with the management structure and the second with the introduction of a Continuing Professional Development, then:) 'That the Council of the Institute take the necessary steps to change the name of the Australian Institute of Cartographers to Mapping Sciences Institute, Australia, as soon as practicable.'

A vote in favour was 'strongly recommended' by Council with the following supporting statement: Numerically, the Institute is in decline. The proposed name change is designed to appeal to a broader range of potential members who may consider that 'mapping science' is more appropriate to their discipline and/or professional standing than the traditional 'cartography'. It should be noted, however, that there is no suggestion that cartographers, surveyors, photogrammetrists, geographers, hydrographers, computer scientists et al. would have to change the name of their discipline just because they belong to MSIA.

The vote at the EGM was overwhelmingly in favour and the new name was registered on the 1 November, 1995."



ARTWORK BY DAVID FRASER

*So the question is: do you
still consider, after twenty
years, that the name-
change was the right thing
to have done?*

Please respond to Editor:

adam.ladhams@hotmail.com

TIME
FOR A
PICTURE

**Carpet of
flowers -
Brussels,
Belgium**

From email
titled
“Around the
World -
unusual
pictures”



PLAYING GAMES – HIDDEN MAPS

You'll never look at the game the same way again!

Starting in 1941, an increasing number of British Airmen found themselves as the involuntary guests of the Third Reich, and the Crown was casting about for ways and means to facilitate their escape...

Now obviously, one of the most helpful aids to that end is a useful and accurate map, one showing not only where stuff was, but also showing the locations of 'safe houses' where a POW on-the-lam could go for food and shelter.

Paper maps had some real drawbacks -- they make a lot of noise when you open and fold them, they wear out rapidly, and if they get wet, they turn into mush.

Someone in MI-5 (similar to America's OSS) got the idea of printing escape maps on silk. It's durable, can be crunched-up into tiny wads, and unfolded as many times as needed, and makes no noise whatsoever.

At that time, there was only one manufacturer in Great Britain that had perfected the technology of printing on silk, and that was John Waddington, Ltd. When approached by the government, the firm was only too happy to do its bit for the war effort.

By pure coincidence, Waddington was also the U.K. Licensee for the popular American board game, Monopoly. As it happened, 'games and pastimes' was a category of item qualified for insertion into 'CARE packages', dispatched by the International Red Cross to prisoners of war.

Under the strictest of secrecy, in a securely guarded and inaccessible old workshop on the grounds of Waddington's, a group of sworn-to-secrecy employees began mass-producing escape maps, keyed to each region of Germany or Italy where Allied POW camps were regional system). When processed, these maps could be folded into such tiny dots that they would actually fit inside a Monopoly playing piece.

As long as they were at it, the clever workmen at Waddington's also managed to add:

1. A playing token, containing a small magnetic compass
2. A two-part metal file that could easily be screwed together
3. Useful amounts of genuine high-denomination German, Italian, and French currency, hidden within the piles of Monopoly money!

British and American air crews were advised, before taking off on their first mission, how to identify a

'rigged' Monopoly set -- by means of a tiny red dot, one cleverly rigged to look like an ordinary printing glitch, located in the corner of the Free Parking square.

Of the estimated 35,000 Allied POWS who successfully escaped, an estimated one-third were aided in their flight by the rigged Monopoly sets. Everyone who did so was sworn to secrecy indefinitely, since the British Government might want to use this highly successful ruse in still another, future war.

The story wasn't declassified until 2007, when the surviving craftsmen from Waddington's, as well as the firm itself, were finally honored in a public ceremony.

It's always nice when you can play that 'Get Out of Jail' Free' card!

[Thank you for an MSIA member for contributing this article which is doing the rounds on email – Ed]

Also refer to the following link containing similar information about hidden maps in board-game during WW2.

<http://abcnews.go.com/Technology/monopolys-hidden-maps-wwii-pows-escape/story?id=8605905>

The earliest map in the map exhibition in the National Library of Australia, Canberra, is illustrated by this replica Babylonian clay tablet, dated from 'no earlier than the ninth century BC'.

'Mapping our World – Terra Incognita to Australia' is a brilliant collection for your 'must-see' holiday plans. The associated catalogue is a wonderful resource for every cartographer's bookshelf. MSIA members are

being offered a generous subsidy to encourage its widest circulation.

There is an interesting item in New Scientist which offers a much earlier 'map'. (See below)

Or is it a leopard? – not everyone is convinced by this 8500 year old candidate for the title of oldest map.



Ancient mural may show volcanic blast

WAS humanity's first depiction of a volcanic eruption daubed on the wall of a house in Turkey 8500 years ago? Geological evidence now supports this controversial claim.

In 1963, archaeologist James Mellaart found a large mural on the wall of a house in Çatalhöyük, the largest known Stone Age town. He interpreted it as a map of the town with a twin-peaked volcano, Hasan Dağ, erupting in the background.

But not everyone agrees, partly because there was no evidence that

Çatalhöyük's people saw Hasan Dağ erupt, says Axel Schmitt of the University of California in Los Angeles.

So Schmitt climbed Hasan Dağ and gathered samples of rock formed in an eruption. The rocks were about 9000 years old - roughly the same age as the mural. Schmitt presented his work on 30 October at the Geological Society of America meeting in Denver, Colorado.

Stephanie Meece, who studied the mural at the University of Cambridge, is not convinced. She says the background may look like a volcano to geologists, "but to the inhabitants it would have looked like a leopard skin". The people of Çatalhöyük were obsessed with animals, she says, and painted them often. Colin Barras ■





GEOSPATIAL DATA: GREAT OPPORTUNITIES

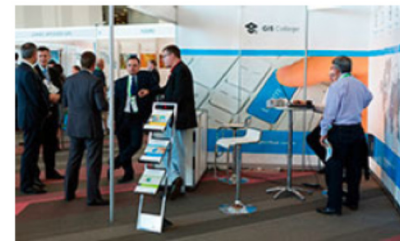
ABOUT IMIA 2014

IMIA 2014 conference is Asia- Pacific's leading mapping and cartographic event in one of the fastest growing industries in Australia. This year's conference will gather international and local industry leaders from across government, private sector and academia, and will showcase an exciting programme of renowned speakers and business leaders.



BENEFITS

- An opportunity to build your organisation's profile and to strengthen relationships with key decision-makers from the government and the private sector, spatial industry professionals, academia, students and other interested parties
- A chance to demonstrate your company's commitment to the sector and its users through a formal presentation.
- An effective way to reach a large targeted audience to promote your organisation, gain media attention and other avenues of exposure locally and regionally
- Ample opportunity to network with delegates during designated breaks and networking sessions
- Broad exposure to an interested, relevant and influential domestic and international audience



SPONSORSHIP OPPORTUNITIES

Please contact IMIA for further information about Sponsorship & Exhibition prospectus opportunities – designed to give you exposure to our quality audience.



CALL FOR PAPERS

IMIA would like to invite you to contribute to the IMIA Conference 2014. This is an excellent opportunity to showcase your latest work and discoveries to our vast group of attendees.

FOR MORE INFORMATION EMAIL rachelle.broad@gispeople.com.au

QUEENSLAND GLOBE BRIEFING – FREE EVENT

Peter Lennon is providing a briefing on the subject of the Queensland Globe. Peter is Director, Spatial Data and Mapping, Department of Natural Resources and Mines (DNRM).

The briefing is scheduled for 2-3pm on Tuesday 4 February at the Landcentre, Woolloongabba, Podium 3 meeting room. The briefing will take approximately 1 hour. Peter will also take questions after the briefing.

This is an opportunity to become conversant with this new online system designed by DNRM to provide easy access to map data bases for Queensland.

This free event is proudly organised by Mapping Sciences Institute, Australia.

To book a place contact:

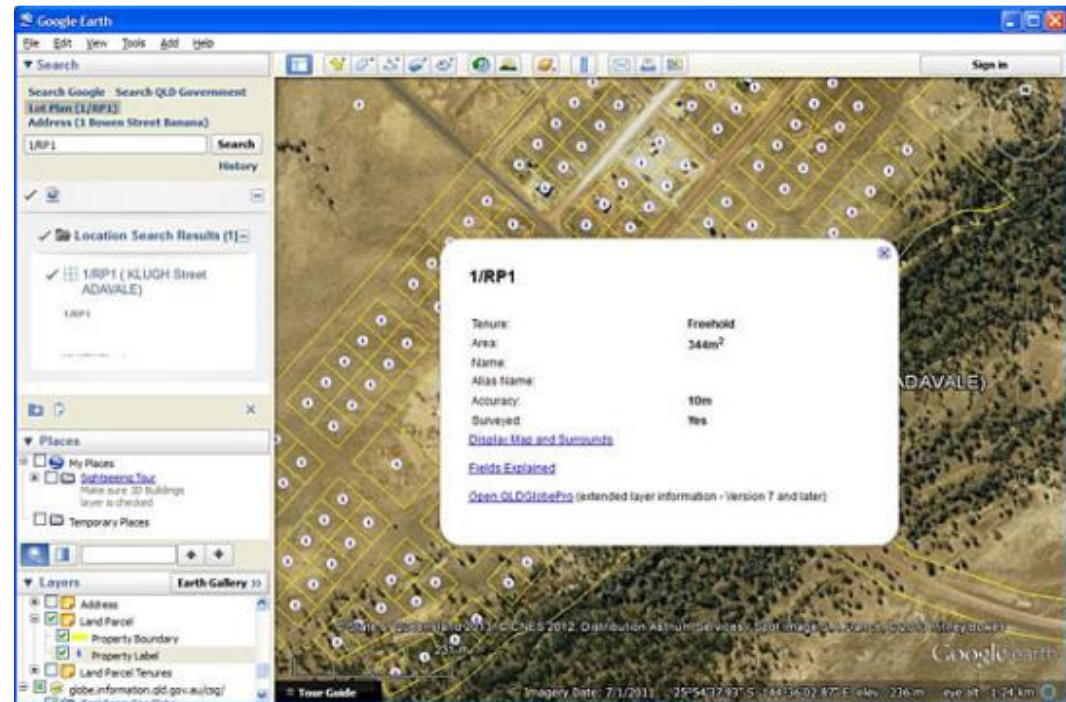
ADAM LADHAMS

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More information about Queensland Globe can be found at:
<https://data.qld.gov.au/maps-geospatial/qld-globe>

To begin using Globe, users are required to download Google Earth. Globe can also be downloaded on mobile devices.



LAST DAYS – DON'T MISS OUT ON THIS FREE EVENT - RESERVE A SEAT TODAY!