



David Fraser

National President  
c/- School of Mathematical and Geospatial Sciences  
RMIT University  
GPO Box 2476V, Melbourne, 3001

Tel: +61 3 9925 3265 Fax: +61 3 9663 2517  
david.fraser@rmit.edu.au  
MSIA website: <http://www.mappingsciences.org.au/>

## eCARTO newsletter

May, 2009

An occasional electronic newsletter for members of the MSIA – contributions welcome.

=====

If you have any brief items of interest to fellow MSIA members please email them to [david.fraser@rmit.edu.au](mailto:david.fraser@rmit.edu.au) for eCARTO. If you have more substantial articles please send them to Greg Heron at [greg.heron@nt.gov.au](mailto:greg.heron@nt.gov.au) for your magazine "Mapping Sciences National".

=====

**PLEASE INVITE ONE PERSON TO BECOME A MEMBER OF THE MSIA.**  
**Membership application can be undertaken by visiting**  
**<http://www.mappingsciences.org.au/member.htm>**

### **Conference awareness:**

International Conferences on the **History of Cartography** (IHC). The International Conference on the History of Cartography [IHC] is the only scholarly conference solely dedicated to advancing knowledge of the history of maps and mapmaking, regardless of geographical region, language, period or topic. The [23rd International Conference](#) will be held in Copenhagen, Denmark (12-17 July 2009), with the primary theme of "Maps, Myths and Narratives: Cartography of the Far North".

### **ESRI International User Conference > GIS—Designing Our Future**

July 13–17, 2009, at the San Diego Convention Center in California.

<http://www.esri.com/events/uc/index.html>

### **Trading Post**

**Australia needs your help** in providing maps for display at the 24<sup>th</sup> International Cartographic Association Conference in Chile, November 15-21, 2009. Please contact Adam Ladhams at [avladhams@hotmail.com](mailto:avladhams@hotmail.com) if your organisation can contribute to our display of maps.

**Cartography Journals** dating back to June 1968 are available from David Fraser. There are about 40 journals in all, free to a good home.

If you think of **something your organisation can do for our members** then please let David Fraser know. For example can you run a short regional workshop or provide a trial version of one of your products.

### **MSIA Member Contributions**

#### **Cartography Workshop in Iran**

Thirty participants attended a recent hands-on Workshop on Cartography in Tehran, Iran. The workshop, held from 9<sup>th</sup> to 13<sup>th</sup> May 2009, was hosted and organised by the National Cartographic Center (NCC) of Iran and the ICA Commission on Education and Training. Participants were primarily NCC staff involved in map production associated with the publishing of country maps, city maps, street directories and atlases. The workshop was presented by the MSIA President, David Fraser and Colin Arrowsmith from

the RMIT University, Melbourne. More details and photographs will be provided in the **Mapping Sciences National** magazine.

## Opportunity

Having just returned from running part one of a cartography refresher course in Iran for the National Cartographic Center I am keen to run a similar **cartography workshop in Vietnam in 2010**, possibly in August. If you would like to be kept informed about this proposed workshop, with a view to involvement as a presenter, please let David Fraser know.

## Cartographic Resources

**Cartography and Art** is a new book edited by William Cartwright (RMIT University), Georg Gartner Department of Geoinformation and Cartography, Vienna and Antje Lehn, Academy of Fine Arts, Austria. *"The contributions in this book address the use of 'different' geo-communication tools that could allow for improved visualization of geography – by incorporating art."* ISBN: 978-3-540-68567-8 Search keywords: Springer Cartography and Art

**High country hikers** can see an up-to-date series of the forests of Victoria & New South Wales mountain regions at <http://www.abcmaps.com.au/Rooftop.htm>

**SHELDUS** is a United States database of spatial hazard events and losses. It is available at <http://webra.cas.sc.edu/hvri/products/sheldus.aspx>

Got a spare moment? Take a virtual wander around the **National Library of Australia maps** website <http://www.nla.gov.au/map/>. Have a look at some of the great cartographic works available at this site.

**Amazing maps** website: [http://www.squidoo.com/maps\\_unlimited](http://www.squidoo.com/maps_unlimited)

Swinburne University of Technology has produced a CD called **Scene Savers** containing information on communicating for safety at a fire incident. It is designed to assist trainers and firefighters in the public safety industry with the development of specific communication skills required at a fire scene. Animated images of fire trucks, map reading procedures and fire scenes are presented with relevant audio in an effort to depict likely incidents. An example of the nature of the images is provided below. For more information phone 03 9210 1963.



**Worldwide undergraduate cartography teaching programs** can be explored by visiting <http://lazarus.elte.hu/cet/undergraduate/index.htm>

**Interactive historical map of Queenscliff** is a student project available at <http://www.gs.rmit.edu.au/gallery/index2.htm> (CNTRL+ click on the link)

## Introducing Children to Cartography

**The Ultimate Interactive Atlas of the World** (ISBN: 978-1-8456-6522-7) is an Australian publication designed and produced by Quarto Children's Books Ltd. The Atlas *"combines a collection of accurate maps of the world, detailed information and interactive features – pop-ups, pull-outs, sliders and flaps –*

*that together aim to make learning about the world a fun experience*" so says the publisher. I purchased the 2008 edition for \$12 and I must say it is great value and lives up to the publisher's description. If you want to introduce children to cartography then this is a great book to use. Particularly appealing is the two-dimensional map that converts into a three-dimensional globe just by pulling a tab.

## **Geographical Curiosity:**

Open up Google Earth and see why we love cartography. Click on this link [HeartShapedIsland.kmz](#) (CNTRL + click to follow link then open the file)

## **Other**

Featured in the next Mapping Sciences National magazine is something a bit controversial. **ENTROPA** is a "map" sculpture created by Czech artist David Černý under commission for the Czech Republic. Visit [http://news.bbc.co.uk/1/hi/in\\_pictures/7827747.stm](http://news.bbc.co.uk/1/hi/in_pictures/7827747.stm).

**Escher and the Droste effect.** This website aims to visualize the mathematical structure behind Escher's Print Gallery. I suggest you run the animation available at <http://escherdroste.math.leidenuniv.nl/>

An explanation is also provided at

<http://www.education.theage.com.au/pagedetail.asp?intpageid=2217&intsectionid=11>

## **"Australian" Cartographers of Renown – Any further input?**

17<sup>th</sup> CENTURY - Hessel Gerritz

18<sup>th</sup> CENTURY - Matthew Flinders or Major Mitchell

19<sup>th</sup> CENTURY - John Arrowsmith

20<sup>th</sup> CENTURY - Bernie Goodrich; Lawrence Fitzgerald (Brigadier); Edgeworth David; Frank Bryant; Robert (Bob) Williams; Don Pearce, William Cartwright.

21<sup>st</sup> CENTURY - Yans (Google)

*Thanks for the feedback so far. Please email me at [david.fraser@rmit.edu.au](mailto:david.fraser@rmit.edu.au) with your thoughts on who should have been included, who should not have been included and who should stand as the one-and-only Oceania cartographer of renown for each century.*

## **Finding Aussies without using GPS**

While in Iran I was walking through the Geomatics exhibition at the National Cartographic Center in Tehran chatting to an Iranian cartographer when Tom Tadrowski from mapping specialists Aerometrex Pty Ltd introduced himself. Some of you may know him! The Aussie accent stood out and proved an effective way of finding a fellow Aussie.



## **Quiz:**

Which Portuguese navigator found a route to the Pacific Ocean around the southern tip of America?

(Answer: F----- M-----)